ANALYTICAL REPORT

Lab Number:	L1926371
Client:	Greystone Engineering PLLC 9 Bluebird Court Saratoga Springs, NY 12866
ATTN:	Brian Jacot
Phone:	(518) 378-3512
Project Name:	HVP-CASTLETON
Project Number:	19009EGP
Report Date:	06/21/19

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1926371-01	B-5 (0-2')	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 08:35	06/18/19
L1926371-02	B-5 (8-10')	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 08:40	06/18/19
L1926371-03	B-6 (0-2')	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 09:15	06/18/19
L1926371-04	B-6 (8-10')	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 09:20	06/18/19
L1926371-05	B-7 (0-2.5')	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 09:40	06/18/19
L1926371-06	B-7 (2.5-5')	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 09:45	06/18/19
L1926371-07	B-7 (5-10')	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 09:50	06/18/19
L1926371-08	WOOD-1	SOLID	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 11:30	06/18/19
L1926371-09	WOOD-2	SOLID	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 12:00	06/18/19
L1926371-10	CB-4	SEDIMENT	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 13:35	06/18/19
L1926371-11	CB-1	SEDIMENT	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 13:20	06/18/19
L1926371-12	S-12	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 14:15	06/18/19
L1926371-13	S-13	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 14:25	06/18/19
L1926371-14	DRUM-1	SOIL	1900 RIVER RD., CASTLETON-ON-HUDSON, NY	06/18/19 14:50	06/18/19

Project Name:	HVP-CASTLETON	**Lab Number:**	L1926371
Project Number:	19009EGP	**Report Date:**	06/21/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: HVP-CASTLETON **Lab Number:** L1926371
Project Number: 19009EGP **Report Date:** 06/21/19

Case Narrative (continued)

Report Submission
June 21, 2019: This final report includes the results of all requested analyses.
June 21, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt
L1926371-10: The collection date and time on the chain of custody was 18-JUN-19 13:20; however, the collection date/time on the container label was 18-JUN-19 13:35. At the client's request, the collection date/time is reported as 18-JUN-19 13:35.
L1926371-11: The collection date and time on the chain of custody was 18-JUN-19 13:35; however, the collection date/time on the container label was 18-JUN-19 13:20. At the client's request, the collection date/time is reported as 18-JUN-19 13:20.

Volatile Organics
Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.
L1926371-11: The methanol vial was analyzed in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial analysis. The results of both analyses are reported.
L1926371-14: The analysis of Volatile Organics was performed from a methanol extract due to the sample matrix (intense blue color).

Semivolatile Organics
L1926371-08, -09, and -14: The sample has elevated detection limits due to the limited sample volume utilized during extraction, the dilution required by the matrix interferences encountered during the concentration

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Case Narrative (continued)

of the sample, and the analytical dilution required by the sample matrix.
L1926371-08, -09, and -14: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

PCBs
L1926371-09: The sample has elevated detection limits due to the dilution required by the sample matrix.
L1926371-09: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals
The WG1250401-4 Laboratory Duplicate RPD for mercury (22%), performed on L1926371-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 06/21/19

ORGANICS

VOLATILES

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01 Date Collected: 06/18/19 08:35

Client ID: B-5 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/19/19 10:50

Analyst: JC

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	5.8		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01 Date Collected: 06/18/19 08:35

Client ID: B-5 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	2.5	J	ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01 Date Collected: 06/18/19 08:35

Client ID: B-5 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02 Date Collected: 06/18/19 08:40

Client ID: B-5 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/19/19 11:19

Analyst: JC

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	4.1		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02 Date Collected: 06/18/19 08:40

Client ID: B-5 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	8.6	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	7.0		ug/kg	4.1	0.97	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	82	36.	1
Freon-113	ND		ug/kg	4.1	0.71	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02 Date Collected: 06/18/19 08:40

Client ID: B-5 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03 Date Collected: 06/18/19 09:15

Client ID: B-6 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/19/19 11:47

Analyst: JC

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	1.9		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.46	0.12	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03 Date Collected: 06/18/19 09:15

Client ID: B-6 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.91	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	4.2		ug/kg	3.7	0.87	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.55	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03 Date Collected: 06/18/19 09:15

Client ID: B-6 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04
Client ID: B-6 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:20
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/19/19 12:16
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	1.7		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	0.18	J	ug/kg	0.54	0.15	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04 Date Collected: 06/18/19 09:20

Client ID: B-6 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	5.7	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
Methyl Acetate	5.5		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	86	38.	1
Freon-113	ND		ug/kg	4.3	0.74	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04 Date Collected: 06/18/19 09:20

Client ID: B-6 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05
Client ID: B-7 (0-2.5')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:40
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/19/19 12:44
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	0.21	J	ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	5.7		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	0.61		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	0.16	J	ug/kg	0.58	0.16	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05 Date Collected: 06/18/19 09:40

Client ID: B-7 (0-2.5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	0.24	J	ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	0.57	J	ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	0.46	J	ug/kg	2.3	0.20	1
Methyl tert butyl ether	0.27	J	ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	0.27	J	ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	0.27	J	ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	30		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.76	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	0.84	J	ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	0.68	J	ug/kg	2.3	0.39	1
Methyl Acetate	6.4		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.81	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05 Date Collected: 06/18/19 09:40

Client ID: B-7 (0-2.5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	108		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06 Date Collected: 06/18/19 09:45

Client ID: B-7 (2.5-5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/19/19 12:24

Analyst: JC

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	64	9.3	1
Chloroform	ND		ug/kg	96	9.0	1
Carbon tetrachloride	ND		ug/kg	64	15.	1
1,2-Dichloropropane	ND		ug/kg	64	8.0	1
Dibromochloromethane	ND		ug/kg	64	9.0	1
1,1,2-Trichloroethane	ND		ug/kg	64	17.	1
Tetrachloroethene	65		ug/kg	32	13.	1
Chlorobenzene	ND		ug/kg	32	8.2	1
Trichlorofluoromethane	ND		ug/kg	260	45.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	64	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	ND		ug/kg	32	11.	1
Toluene	ND		ug/kg	64	35.	1
Ethylbenzene	10	J	ug/kg	64	9.1	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	64	22.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	64	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	96	8.8	1
Trichloroethene	ND		ug/kg	32	8.8	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06 Date Collected: 06/18/19 09:45

Client ID: B-7 (2.5-5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	500		ug/kg	130	9.2	1
1,3-Dichlorobenzene	620		ug/kg	130	9.5	1
1,4-Dichlorobenzene	850		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	56	J	ug/kg	130	36.	1
o-Xylene	120		ug/kg	64	19.	1
Xylenes, Total	180	J	ug/kg	64	19.	1
cis-1,2-Dichloroethene	47	J	ug/kg	64	11.	1
1,2-Dichloroethene, Total	47	J	ug/kg	64	8.8	1
Styrene	ND		ug/kg	64	13.	1
Dichlorodifluoromethane	ND		ug/kg	640	59.	1
Acetone	ND		ug/kg	640	310	1
Carbon disulfide	ND		ug/kg	640	290	1
2-Butanone	ND		ug/kg	640	140	1
4-Methyl-2-pentanone	ND		ug/kg	640	82.	1
2-Hexanone	ND		ug/kg	640	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	64	18.	1
n-Butylbenzene	120		ug/kg	64	11.	1
sec-Butylbenzene	120		ug/kg	64	9.4	1
tert-Butylbenzene	24	J	ug/kg	130	7.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	64.	1
Isopropylbenzene	45	J	ug/kg	64	7.0	1
p-Isopropyltoluene	100		ug/kg	64	7.0	1
Naphthalene	390		ug/kg	260	42.	1
n-Propylbenzene	120		ug/kg	64	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
1,3,5-Trimethylbenzene	1200		ug/kg	130	12.	1
1,2,4-Trimethylbenzene	1700		ug/kg	130	21.	1
Methyl Acetate	ND		ug/kg	260	61.	1
Cyclohexane	ND		ug/kg	640	35.	1
1,4-Dioxane	ND		ug/kg	5100	2200	1
Freon-113	ND		ug/kg	260	44.	1
Methyl cyclohexane	ND		ug/kg	260	39.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06 Date Collected: 06/18/19 09:45

Client ID: B-7 (2.5-5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	97		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07 Date Collected: 06/18/19 09:50

Client ID: B-7 (5-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/19/19 12:50

Analyst: JC

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.6	1
Chloroform	ND		ug/kg	99	9.2	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.2	1
Dibromochloromethane	ND		ug/kg	66	9.2	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	31	J	ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	260	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	66	36.	1
Ethylbenzene	43	J	ug/kg	66	9.3	1
Chloromethane	ND		ug/kg	260	61.	1
Bromomethane	ND		ug/kg	130	38.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	99	9.0	1
Trichloroethene	ND		ug/kg	33	9.0	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07 Date Collected: 06/18/19 09:50

Client ID: B-7 (5-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	1200		ug/kg	130	9.5	1
1,3-Dichlorobenzene	980		ug/kg	130	9.7	1
1,4-Dichlorobenzene	1700		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	160		ug/kg	130	37.	1
o-Xylene	470		ug/kg	66	19.	1
Xylenes, Total	630		ug/kg	66	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	66	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	66	9.0	1
Styrene	ND		ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	60.	1
Acetone	ND		ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	150	1
4-Methyl-2-pentanone	ND		ug/kg	660	84.	1
2-Hexanone	ND		ug/kg	660	78.	1
Bromochloromethane	ND		ug/kg	130	14.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
n-Butylbenzene	440		ug/kg	66	11.	1
sec-Butylbenzene	360		ug/kg	66	9.6	1
tert-Butylbenzene	64	J	ug/kg	130	7.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Isopropylbenzene	200		ug/kg	66	7.2	1
p-Isopropyltoluene	370		ug/kg	66	7.2	1
Naphthalene	ND		ug/kg	260	43.	1
n-Propylbenzene	480		ug/kg	66	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
1,3,5-Trimethylbenzene	3700		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	7400		ug/kg	130	22.	1
Methyl Acetate	ND		ug/kg	260	62.	1
Cyclohexane	ND		ug/kg	660	36.	1
1,4-Dioxane	ND		ug/kg	5300	2300	1
Freon-113	ND		ug/kg	260	46.	1
Methyl cyclohexane	ND		ug/kg	260	40.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07 Date Collected: 06/18/19 09:50

Client ID: B-7 (5-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	95		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D2 Date Collected: 06/18/19 12:00
Client ID: WOOD-2 Date Received: 06/18/19
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 06/20/19 10:37
Analyst: MV
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	5900000		ug/kg	350000	57000	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D
Client ID: WOOD-2
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 12:00
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 06/20/19 03:58
Analyst: MKS
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	88000	40000	100
1,1-Dichloroethane	ND		ug/kg	18000	2600	100
Chloroform	ND		ug/kg	26000	2500	100
Carbon tetrachloride	ND		ug/kg	18000	4000	100
1,2-Dichloropropane	ND		ug/kg	18000	2200	100
Dibromochloromethane	ND		ug/kg	18000	2500	100
1,1,2-Trichloroethane	ND		ug/kg	18000	4700	100
Tetrachloroethene	ND		ug/kg	8800	3400	100
Chlorobenzene	ND		ug/kg	8800	2200	100
Trichlorofluoromethane	ND		ug/kg	70000	12000	100
1,2-Dichloroethane	ND		ug/kg	18000	4500	100
1,1,1-Trichloroethane	ND		ug/kg	8800	2900	100
Bromodichloromethane	ND		ug/kg	8800	1900	100
trans-1,3-Dichloropropene	ND		ug/kg	18000	4800	100
cis-1,3-Dichloropropene	ND		ug/kg	8800	2800	100
1,3-Dichloropropene, Total	ND		ug/kg	8800	2800	100
Bromoform	ND		ug/kg	70000	4300	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	8800	2900	100
Benzene	6600	J	ug/kg	8800	2900	100
Toluene	29000		ug/kg	18000	9600	100
Ethylbenzene	10000	J	ug/kg	18000	2500	100
Chloromethane	ND		ug/kg	70000	16000	100
Bromomethane	ND		ug/kg	35000	10000	100
Vinyl chloride	ND		ug/kg	18000	5900	100
Chloroethane	ND		ug/kg	35000	8000	100
1,1-Dichloroethene	ND		ug/kg	18000	4200	100
trans-1,2-Dichloroethene	ND		ug/kg	26000	2400	100
Trichloroethene	ND		ug/kg	8800	2400	100

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D Date Collected: 06/18/19 12:00

Client ID: WOOD-2 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	35000	2500	100
1,3-Dichlorobenzene	ND		ug/kg	35000	2600	100
1,4-Dichlorobenzene	ND		ug/kg	35000	3000	100
Methyl tert butyl ether	ND		ug/kg	35000	3500	100
p/m-Xylene	56000		ug/kg	35000	9800	100
o-Xylene	36000		ug/kg	18000	5100	100
Xylenes, Total	92000		ug/kg	18000	5100	100
cis-1,2-Dichloroethene	ND		ug/kg	18000	3100	100
1,2-Dichloroethene, Total	ND		ug/kg	18000	2400	100
Styrene	27000		ug/kg	18000	3400	100
Dichlorodifluoromethane	ND		ug/kg	180000	16000	100
Acetone	ND		ug/kg	180000	85000	100
Carbon disulfide	ND		ug/kg	180000	80000	100
2-Butanone	ND		ug/kg	180000	39000	100
4-Methyl-2-pentanone	ND		ug/kg	180000	22000	100
2-Hexanone	ND		ug/kg	180000	21000	100
Bromochloromethane	ND		ug/kg	35000	3600	100
1,2-Dibromoethane	ND		ug/kg	18000	4900	100
n-Butylbenzene	ND		ug/kg	18000	2900	100
sec-Butylbenzene	4700	J	ug/kg	18000	2600	100
tert-Butylbenzene	ND		ug/kg	35000	2100	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	53000	18000	100
Isopropylbenzene	3300	J	ug/kg	18000	1900	100
p-Isopropyltoluene	10000	J	ug/kg	18000	1900	100
Naphthalene	8200000	E	ug/kg	70000	11000	100
n-Propylbenzene	ND		ug/kg	18000	3000	100
1,2,3-Trichlorobenzene	ND		ug/kg	35000	5700	100
1,2,4-Trichlorobenzene	ND		ug/kg	35000	4800	100
1,3,5-Trimethylbenzene	38000		ug/kg	35000	3400	100
1,2,4-Trimethylbenzene	96000		ug/kg	35000	5900	100
Methyl Acetate	ND		ug/kg	70000	17000	100
Cyclohexane	ND		ug/kg	180000	9600	100
1,4-Dioxane	ND		ug/kg	1400000	620000	100
Freon-113	ND		ug/kg	70000	12000	100
Methyl cyclohexane	ND		ug/kg	70000	11000	100

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D Date Collected: 06/18/19 12:00

Client ID: WOOD-2 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	102		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10 Date Collected: 06/18/19 13:35
Client ID: CB-4 Date Received: 06/18/19
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260C
Analytical Date: 06/19/19 14:34
Analyst: AD
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	53	7.7	1
Chloroform	ND		ug/kg	80	7.4	1
Carbon tetrachloride	ND		ug/kg	53	12.	1
1,2-Dichloropropane	ND		ug/kg	53	6.6	1
Dibromochloromethane	ND		ug/kg	53	7.4	1
1,1,2-Trichloroethane	ND		ug/kg	53	14.	1
Tetrachloroethene	ND		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.7	1
Trichlorofluoromethane	ND		ug/kg	210	37.	1
1,2-Dichloroethane	ND		ug/kg	53	14.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.9	1
Bromodichloromethane	ND		ug/kg	26	5.8	1
trans-1,3-Dichloropropene	ND		ug/kg	53	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.4	1
1,3-Dichloropropene, Total	ND		ug/kg	26	8.4	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.8	1
Benzene	ND		ug/kg	26	8.8	1
Toluene	ND		ug/kg	53	29.	1
Ethylbenzene	69		ug/kg	53	7.5	1
Chloromethane	ND		ug/kg	210	49.	1
Bromomethane	ND		ug/kg	110	31.	1
Vinyl chloride	ND		ug/kg	53	18.	1
Chloroethane	ND		ug/kg	110	24.	1
1,1-Dichloroethene	ND		ug/kg	53	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	80	7.3	1
Trichloroethene	ND		ug/kg	26	7.3	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10 Date Collected: 06/18/19 13:35

Client ID: CB-4 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	110	7.6	1
1,3-Dichlorobenzene	ND		ug/kg	110	7.8	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.1	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	360		ug/kg	110	30.	1
o-Xylene	130		ug/kg	53	15.	1
Xylenes, Total	490		ug/kg	53	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	53	9.3	1
1,2-Dichloroethene, Total	ND		ug/kg	53	7.3	1
Styrene	ND		ug/kg	53	10.	1
Dichlorodifluoromethane	ND		ug/kg	530	48.	1
Acetone	1800		ug/kg	530	260	1
Carbon disulfide	ND		ug/kg	530	240	1
2-Butanone	ND		ug/kg	530	120	1
4-Methyl-2-pentanone	ND		ug/kg	530	68.	1
2-Hexanone	ND		ug/kg	530	63.	1
Bromochloromethane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	53	15.	1
n-Butylbenzene	ND		ug/kg	53	8.9	1
sec-Butylbenzene	ND		ug/kg	53	7.8	1
tert-Butylbenzene	ND		ug/kg	110	6.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	53.	1
Isopropylbenzene	ND		ug/kg	53	5.8	1
p-Isopropyltoluene	ND		ug/kg	53	5.8	1
Naphthalene	ND		ug/kg	210	34.	1
n-Propylbenzene	ND		ug/kg	53	9.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	14.	1
1,3,5-Trimethylbenzene	ND		ug/kg	110	10.	1
1,2,4-Trimethylbenzene	ND		ug/kg	110	18.	1
Methyl Acetate	ND		ug/kg	210	50.	1
Cyclohexane	ND		ug/kg	530	29.	1
1,4-Dioxane	ND		ug/kg	4200	1900	1
Freon-113	ND		ug/kg	210	37.	1
Methyl cyclohexane	ND		ug/kg	210	32.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10 Date Collected: 06/18/19 13:35

Client ID: CB-4 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20
Client ID: CB-1 Date Received: 06/18/19
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8260C
Analytical Date: 06/19/19 12:25
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	0.23	J	ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	22		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	0.85		ug/kg	0.59	0.16	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20

Client ID: CB-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	110		ug/kg	2.3	0.66	1
o-Xylene	50		ug/kg	1.2	0.34	1
Xylenes, Total	160		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	13000	E	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20

Client ID: CB-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20

Client ID: CB-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Sediment

Analytical Method: 1,8260C

Analytical Date: 06/19/19 14:08

Analyst: JC

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	71	10.	1
Chloroform	ND		ug/kg	110	9.9	1
Carbon tetrachloride	ND		ug/kg	71	16.	1
1,2-Dichloropropane	ND		ug/kg	71	8.8	1
Dibromochloromethane	ND		ug/kg	71	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	71	19.	1
Tetrachloroethene	ND		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	9.0	1
Trichlorofluoromethane	ND		ug/kg	280	49.	1
1,2-Dichloroethane	ND		ug/kg	71	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.7	1
trans-1,3-Dichloropropene	ND		ug/kg	71	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
1,3-Dichloropropene, Total	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	ND		ug/kg	35	12.	1
Toluene	ND		ug/kg	71	38.	1
Ethylbenzene	75		ug/kg	71	10.	1
Chloromethane	ND		ug/kg	280	66.	1
Bromomethane	ND		ug/kg	140	41.	1
Vinyl chloride	ND		ug/kg	71	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	71	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.7	1
Trichloroethene	ND		ug/kg	35	9.7	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20

Client ID: CB-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	390		ug/kg	140	40.	1
o-Xylene	170		ug/kg	71	20.	1
Xylenes, Total	560		ug/kg	71	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	71	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	71	9.7	1
Styrene	ND		ug/kg	71	14.	1
Dichlorodifluoromethane	ND		ug/kg	710	65.	1
Acetone	13000		ug/kg	710	340	1
Carbon disulfide	ND		ug/kg	710	320	1
2-Butanone	ND		ug/kg	710	160	1
4-Methyl-2-pentanone	ND		ug/kg	710	90.	1
2-Hexanone	ND		ug/kg	710	83.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	71	20.	1
n-Butylbenzene	ND		ug/kg	71	12.	1
sec-Butylbenzene	ND		ug/kg	71	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	70.	1
Isopropylbenzene	ND		ug/kg	71	7.7	1
p-Isopropyltoluene	ND		ug/kg	71	7.7	1
Naphthalene	ND		ug/kg	280	46.	1
n-Propylbenzene	ND		ug/kg	71	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
1,3,5-Trimethylbenzene	ND		ug/kg	140	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	140	24.	1
Methyl Acetate	ND		ug/kg	280	67.	1
Cyclohexane	ND		ug/kg	710	38.	1
1,4-Dioxane	ND		ug/kg	5600	2500	1
Freon-113	ND		ug/kg	280	49.	1
Methyl cyclohexane	ND		ug/kg	280	43.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20

Client ID: CB-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12 Date Collected: 06/18/19 14:15

Client ID: S-12 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/19/19 12:51

Analyst: JC

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12 Date Collected: 06/18/19 14:15

Client ID: S-12 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.6	J	ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12 Date Collected: 06/18/19 14:15

Client ID: S-12 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13 Date Collected: 06/18/19 14:25

Client ID: S-13 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/19/19 13:17

Analyst: JC

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.71		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13 Date Collected: 06/18/19 14:25

Client ID: S-13 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	9.5	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	34		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13 Date Collected: 06/18/19 14:25

Client ID: S-13 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14 D
Client ID: DRUM-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 14:50
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 06/20/19 14:01
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	210000	97000	20
1,1-Dichloroethane	ND		ug/kg	42000	6200	20
Chloroform	ND		ug/kg	64000	5900	20
Carbon tetrachloride	ND		ug/kg	42000	9800	20
1,2-Dichloropropane	ND		ug/kg	42000	5300	20
Dibromochloromethane	ND		ug/kg	42000	5900	20
1,1,2-Trichloroethane	ND		ug/kg	42000	11000	20
Tetrachloroethene	ND		ug/kg	21000	8300	20
Chlorobenzene	ND		ug/kg	21000	5400	20
Trichlorofluoromethane	ND		ug/kg	170000	30000	20
1,2-Dichloroethane	ND		ug/kg	42000	11000	20
1,1,1-Trichloroethane	ND		ug/kg	21000	7100	20
Bromodichloromethane	ND		ug/kg	21000	4600	20
trans-1,3-Dichloropropene	ND		ug/kg	42000	12000	20
cis-1,3-Dichloropropene	ND		ug/kg	21000	6700	20
1,3-Dichloropropene, Total	ND		ug/kg	21000	6700	20
Bromoform	ND		ug/kg	170000	10000	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	21000	7000	20
Benzene	ND		ug/kg	21000	7000	20
Toluene	ND		ug/kg	42000	23000	20
Ethylbenzene	ND		ug/kg	42000	6000	20
Chloromethane	ND		ug/kg	170000	40000	20
Bromomethane	ND		ug/kg	85000	25000	20
Vinyl chloride	ND		ug/kg	42000	14000	20
Chloroethane	ND		ug/kg	85000	19000	20
1,1-Dichloroethene	ND		ug/kg	42000	10000	20
trans-1,2-Dichloroethene	ND		ug/kg	64000	5800	20
Trichloroethene	ND		ug/kg	21000	5800	20

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14 D Date Collected: 06/18/19 14:50

Client ID: DRUM-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	85000	6100	20
1,3-Dichlorobenzene	ND		ug/kg	85000	6300	20
1,4-Dichlorobenzene	ND		ug/kg	85000	7300	20
Methyl tert butyl ether	ND		ug/kg	85000	8500	20
p/m-Xylene	ND		ug/kg	85000	24000	20
o-Xylene	ND		ug/kg	42000	12000	20
Xylenes, Total	ND		ug/kg	42000	12000	20
cis-1,2-Dichloroethene	ND		ug/kg	42000	7400	20
1,2-Dichloroethene, Total	ND		ug/kg	42000	5800	20
Styrene	ND		ug/kg	42000	8300	20
Dichlorodifluoromethane	ND		ug/kg	420000	39000	20
Acetone	ND		ug/kg	420000	200000	20
Carbon disulfide	ND		ug/kg	420000	190000	20
2-Butanone	ND		ug/kg	420000	94000	20
4-Methyl-2-pentanone	ND		ug/kg	420000	54000	20
2-Hexanone	ND		ug/kg	420000	50000	20
Bromochloromethane	ND		ug/kg	85000	8700	20
1,2-Dibromoethane	ND		ug/kg	42000	12000	20
n-Butylbenzene	ND		ug/kg	42000	7100	20
sec-Butylbenzene	ND		ug/kg	42000	6200	20
tert-Butylbenzene	ND		ug/kg	85000	5000	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	130000	42000	20
Isopropylbenzene	35000	J	ug/kg	42000	4600	20
p-Isopropyltoluene	ND		ug/kg	42000	4600	20
Naphthalene	ND		ug/kg	170000	28000	20
n-Propylbenzene	23000	J	ug/kg	42000	7300	20
1,2,3-Trichlorobenzene	ND		ug/kg	85000	14000	20
1,2,4-Trichlorobenzene	ND		ug/kg	85000	12000	20
1,3,5-Trimethylbenzene	ND		ug/kg	85000	8200	20
1,2,4-Trimethylbenzene	ND		ug/kg	85000	14000	20
Methyl Acetate	ND		ug/kg	170000	40000	20
Cyclohexane	ND		ug/kg	420000	23000	20
1,4-Dioxane	ND		ug/kg	3400000	1500000	20
Freon-113	ND		ug/kg	170000	29000	20
Methyl cyclohexane	ND		ug/kg	170000	26000	20

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14 D Date Collected: 06/18/19 14:50

Client ID: DRUM-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 06:47
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-13 Batch: WG1250349-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 06:47
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-13 Batch: WG1250349-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 06:47
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-13 Batch: WG1250349-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 08:29
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1250437-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 08:29
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1250437-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 08:29
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1250437-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	105		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 07:33
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,10-11 Batch: WG1250472-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 07:33
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,10-11 Batch: WG1250472-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 07:33
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,10-11 Batch: WG1250472-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/19 07:33
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1250806-10					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/19 07:33
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1250806-10					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/19 07:33
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1250806-10					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 19:29
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1250806-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 19:29
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1250806-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/19 19:29
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1250806-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/19 08:23
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1251071-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/19 08:23
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1251071-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/19 08:23
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1251071-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-13 Batch: WG1250349-3 WG1250349-4								
Methylene chloride	90		90		70-130	0		30
1,1-Dichloroethane	98		98		70-130	0		30
Chloroform	98		98		70-130	0		30
Carbon tetrachloride	95		93		70-130	2		30
1,2-Dichloropropane	97		99		70-130	2		30
Dibromochloromethane	95		94		70-130	1		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	99		94		70-130	5		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	94		94		70-139	0		30
1,2-Dichloroethane	94		98		70-130	4		30
1,1,1-Trichloroethane	95		95		70-130	0		30
Bromodichloromethane	93		92		70-130	1		30
trans-1,3-Dichloropropene	90		88		70-130	2		30
cis-1,3-Dichloropropene	95		94		70-130	1		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	92		95		70-130	3		30
Benzene	95		95		70-130	0		30
Toluene	96		93		70-130	3		30
Ethylbenzene	96		94		70-130	2		30
Chloromethane	97		96		52-130	1		30
Bromomethane	141		144		57-147	2		30
Vinyl chloride	98		98		67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-13 Batch: WG1250349-3 WG1250349-4								
Chloroethane	91		93		50-151	2		30
1,1-Dichloroethene	96		94		65-135	2		30
trans-1,2-Dichloroethene	95		96		70-130	1		30
Trichloroethene	92		90		70-130	2		30
1,2-Dichlorobenzene	96		95		70-130	1		30
1,3-Dichlorobenzene	97		96		70-130	1		30
1,4-Dichlorobenzene	95		93		70-130	2		30
Methyl tert butyl ether	96		98		66-130	2		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	99		98		70-130	1		30
Styrene	93		91		70-130	2		30
Dichlorodifluoromethane	98		97		30-146	1		30
Acetone	85		97		54-140	13		30
Carbon disulfide	96		94		59-130	2		30
2-Butanone	85		92		70-130	8		30
4-Methyl-2-pentanone	88		94		70-130	7		30
2-Hexanone	82		92		70-130	11		30
Bromochloromethane	100		98		70-130	2		30
1,2-Dibromoethane	99		100		70-130	1		30
n-Butylbenzene	93		91		70-130	2		30
sec-Butylbenzene	93		92		70-130	1		30
tert-Butylbenzene	94		92		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-13 Batch: WG1250349-3 WG1250349-4								
1,2-Dibromo-3-chloropropane	89		93		68-130	4		30
Isopropylbenzene	94		92		70-130	2		30
p-Isopropyltoluene	93		92		70-130	1		30
Naphthalene	93		97		70-130	4		30
n-Propylbenzene	93		92		70-130	1		30
1,2,3-Trichlorobenzene	96		94		70-130	2		30
1,2,4-Trichlorobenzene	96		94		70-130	2		30
1,3,5-Trimethylbenzene	94		93		70-130	1		30
1,2,4-Trimethylbenzene	93		92		70-130	1		30
Methyl Acetate	91		98		51-146	7		30
Cyclohexane	90		88		59-142	2		30
1,4-Dioxane	93		105		65-136	12		30
Freon-113	99		99		50-139	0		30
Methyl cyclohexane	94		90		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1250437-3 WG1250437-4								
Methylene chloride	92		93		70-130	1		30
1,1-Dichloroethane	87		90		70-130	3		30
Chloroform	93		96		70-130	3		30
Carbon tetrachloride	98		103		70-130	5		30
1,2-Dichloropropane	87		90		70-130	3		30
Dibromochloromethane	95		97		70-130	2		30
1,1,2-Trichloroethane	91		91		70-130	0		30
Tetrachloroethene	98		101		70-130	3		30
Chlorobenzene	92		94		70-130	2		30
Trichlorofluoromethane	89		99		70-139	11		30
1,2-Dichloroethane	90		92		70-130	2		30
1,1,1-Trichloroethane	96		102		70-130	6		30
Bromodichloromethane	94		98		70-130	4		30
trans-1,3-Dichloropropene	91		93		70-130	2		30
cis-1,3-Dichloropropene	96		98		70-130	2		30
Bromoform	94		99		70-130	5		30
1,1,2,2-Tetrachloroethane	90		93		70-130	3		30
Benzene	90		93		70-130	3		30
Toluene	88		90		70-130	2		30
Ethylbenzene	92		94		70-130	2		30
Chloromethane	59		63		52-130	7		30
Bromomethane	104		102		57-147	2		30
Vinyl chloride	**61**	Q	69		67-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1250437-3 WG1250437-4								
Chloroethane	71		78		50-151	9		30
1,1-Dichloroethene	66		73		65-135	10		30
trans-1,2-Dichloroethene	92		97		70-130	5		30
Trichloroethene	92		96		70-130	4		30
1,2-Dichlorobenzene	96		98		70-130	2		30
1,3-Dichlorobenzene	94		96		70-130	2		30
1,4-Dichlorobenzene	93		95		70-130	2		30
Methyl tert butyl ether	100		103		66-130	3		30
p/m-Xylene	93		96		70-130	3		30
o-Xylene	92		94		70-130	2		30
cis-1,2-Dichloroethene	92		95		70-130	3		30
Styrene	96		99		70-130	3		30
Dichlorodifluoromethane	97		103		30-146	6		30
Acetone	86		86		54-140	0		30
Carbon disulfide	59		73		59-130	21		30
2-Butanone	89		79		70-130	12		30
4-Methyl-2-pentanone	88		88		70-130	0		30
2-Hexanone	79		82		70-130	4		30
Bromochloromethane	101		102		70-130	1		30
1,2-Dibromoethane	96		95		70-130	1		30
n-Butylbenzene	92		97		70-130	5		30
sec-Butylbenzene	90		96		70-130	6		30
tert-Butylbenzene	91		96		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1250437-3 WG1250437-4								
1,2-Dibromo-3-chloropropane	99		101		68-130	2		30
Isopropylbenzene	89		95		70-130	7		30
p-Isopropyltoluene	94		97		70-130	3		30
Naphthalene	95		97		70-130	2		30
n-Propylbenzene	89		94		70-130	5		30
1,2,3-Trichlorobenzene	100		101		70-130	1		30
1,2,4-Trichlorobenzene	102		103		70-130	1		30
1,3,5-Trimethylbenzene	90		95		70-130	5		30
1,2,4-Trimethylbenzene	90		95		70-130	5		30
Methyl Acetate	84		83		51-146	1		30
Cyclohexane	87		92		59-142	6		30
1,4-Dioxane	108		107		65-136	1		30
Freon-113	70		87		50-139	22		30
Methyl cyclohexane	94		101		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	97		99		70-130
Dibromofluoromethane	106		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07,10-11 Batch: WG1250472-3 WG1250472-4								
Methylene chloride	84		85		70-130	1		30
1,1-Dichloroethane	94		96		70-130	2		30
Chloroform	98		99		70-130	1		30
Carbon tetrachloride	101		102		70-130	1		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	97		100		70-130	3		30
1,1,2-Trichloroethane	101		100		70-130	1		30
Tetrachloroethene	100		102		70-130	2		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	99		98		70-139	1		30
1,2-Dichloroethane	95		96		70-130	1		30
1,1,1-Trichloroethane	103		102		70-130	1		30
Bromodichloromethane	101		101		70-130	0		30
trans-1,3-Dichloropropene	99		101		70-130	2		30
cis-1,3-Dichloropropene	105		104		70-130	1		30
Bromoform	99		104		70-130	5		30
1,1,2,2-Tetrachloroethane	101		102		70-130	1		30
Benzene	99		98		70-130	1		30
Toluene	95		97		70-130	2		30
Ethylbenzene	98		98		70-130	0		30
Chloromethane	86		85		52-130	1		30
Bromomethane	92		93		57-147	1		30
Vinyl chloride	92		94		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07,10-11 Batch: WG1250472-3 WG1250472-4								
Chloroethane	101		103		50-151	2		30
1,1-Dichloroethene	98		98		65-135	0		30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	103		102		70-130	1		30
1,2-Dichlorobenzene	97		99		70-130	2		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	99		98		70-130	1		30
Methyl tert butyl ether	96		98		66-130	2		30
p/m-Xylene	101		101		70-130	0		30
o-Xylene	100		101		70-130	1		30
cis-1,2-Dichloroethene	99		100		70-130	1		30
Styrene	102		102		70-130	0		30
Dichlorodifluoromethane	96		95		30-146	1		30
Acetone	79		84		54-140	6		30
Carbon disulfide	94		94		59-130	0		30
2-Butanone	100		97		70-130	3		30
4-Methyl-2-pentanone	98		97		70-130	1		30
2-Hexanone	86		86		70-130	0		30
Bromochloromethane	103		104		70-130	1		30
1,2-Dibromoethane	100		100		70-130	0		30
n-Butylbenzene	102		102		70-130	0		30
sec-Butylbenzene	100		101		70-130	1		30
tert-Butylbenzene	99		101		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07,10-11 Batch: WG1250472-3 WG1250472-4								
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Isopropylbenzene	100		101		70-130	1		30
p-Isopropyltoluene	102		101		70-130	1		30
Naphthalene	103		102		70-130	1		30
n-Propylbenzene	99		101		70-130	2		30
1,2,3-Trichlorobenzene	102		103		70-130	1		30
1,2,4-Trichlorobenzene	104		105		70-130	1		30
1,3,5-Trimethylbenzene	100		102		70-130	2		30
1,2,4-Trimethylbenzene	100		102		70-130	2		30
Methyl Acetate	91		94		51-146	3		30
Cyclohexane	98		99		59-142	1		30
1,4-Dioxane	100		95		65-136	5		30
Freon-113	95		97		50-139	2		30
Methyl cyclohexane	102		103		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1250806-3 WG1250806-4								
Methylene chloride	100		101		70-130	1		30
1,1-Dichloroethane	110		110		70-130	0		30
Chloroform	108		107		70-130	1		30
Carbon tetrachloride	98		96		70-130	2		30
1,2-Dichloropropane	109		109		70-130	0		30
Dibromochloromethane	92		89		70-130	3		30
1,1,2-Trichloroethane	94		93		70-130	1		30
Tetrachloroethene	94		92		70-130	2		30
Chlorobenzene	92		90		70-130	2		30
Trichlorofluoromethane	104		101		70-139	3		30
1,2-Dichloroethane	104		102		70-130	2		30
1,1,1-Trichloroethane	106		104		70-130	2		30
Bromodichloromethane	103		102		70-130	1		30
trans-1,3-Dichloropropene	96		94		70-130	2		30
cis-1,3-Dichloropropene	102		102		70-130	0		30
Bromoform	83		82		70-130	1		30
1,1,2,2-Tetrachloroethane	92		91		70-130	1		30
Benzene	104		104		70-130	0		30
Toluene	95		94		70-130	1		30
Ethylbenzene	96		94		70-130	2		30
Chloromethane	109		106		52-130	3		30
Bromomethane	100		100		57-147	0		30
Vinyl chloride	116		112		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1250806-3 WG1250806-4								
Chloroethane	116		115		50-151	1		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	104		103		70-130	1		30
Trichloroethene	103		102		70-130	1		30
1,2-Dichlorobenzene	87		86		70-130	1		30
1,3-Dichlorobenzene	89		87		70-130	2		30
1,4-Dichlorobenzene	89		87		70-130	2		30
Methyl tert butyl ether	101		100		66-130	1		30
p/m-Xylene	93		92		70-130	1		30
o-Xylene	92		90		70-130	2		30
cis-1,2-Dichloroethene	103		102		70-130	1		30
Styrene	91		90		70-130	1		30
Dichlorodifluoromethane	76		75		30-146	1		30
Acetone	122		114		54-140	7		30
Carbon disulfide	100		99		59-130	1		30
2-Butanone	111		104		70-130	7		30
4-Methyl-2-pentanone	94		93		70-130	1		30
2-Hexanone	103		98		70-130	5		30
Bromochloromethane	100		100		70-130	0		30
1,2-Dibromoethane	92		88		70-130	4		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	95		94		70-130	1		30
tert-Butylbenzene	93		91		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1250806-3 WG1250806-4								
1,2-Dibromo-3-chloropropane	77		74		68-130	4		30
Isopropylbenzene	94		93		70-130	1		30
p-Isopropyltoluene	93		91		70-130	2		30
Naphthalene	86		84		70-130	2		30
n-Propylbenzene	96		94		70-130	2		30
1,2,3-Trichlorobenzene	85		83		70-130	2		30
1,2,4-Trichlorobenzene	85		83		70-130	2		30
1,3,5-Trimethylbenzene	92		92		70-130	0		30
1,2,4-Trimethylbenzene	92		91		70-130	1		30
Methyl Acetate	111		106		51-146	5		30
Cyclohexane	110		108		59-142	2		30
1,4-Dioxane	119		114		65-136	4		30
Freon-113	102		101		50-139	1		30
Methyl cyclohexane	99		98		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1250806-8 WG1250806-9								
Methylene chloride	101		99		70-130	2		30
1,1-Dichloroethane	110		107		70-130	3		30
Chloroform	107		105		70-130	2		30
Carbon tetrachloride	96		93		70-130	3		30
1,2-Dichloropropane	108		106		70-130	2		30
Dibromochloromethane	87		88		70-130	1		30
1,1,2-Trichloroethane	92		93		70-130	1		30
Tetrachloroethene	89		87		70-130	2		30
Chlorobenzene	89		87		70-130	2		30
Trichlorofluoromethane	99		96		70-139	3		30
1,2-Dichloroethane	104		104		70-130	0		30
1,1,1-Trichloroethane	104		101		70-130	3		30
Bromodichloromethane	99		100		70-130	1		30
trans-1,3-Dichloropropene	92		92		70-130	0		30
cis-1,3-Dichloropropene	100		100		70-130	0		30
Bromoform	79		80		70-130	1		30
1,1,2,2-Tetrachloroethane	91		93		70-130	2		30
Benzene	102		99		70-130	3		30
Toluene	91		90		70-130	1		30
Ethylbenzene	91		89		70-130	2		30
Chloromethane	116		110		52-130	5		30
Bromomethane	90		88		57-147	2		30
Vinyl chloride	119		116		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1250806-8 WG1250806-9								
Chloroethane	116		114		50-151	2		30
1,1-Dichloroethene	109		102		65-135	7		30
trans-1,2-Dichloroethene	103		101		70-130	2		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	84		83		70-130	1		30
1,3-Dichlorobenzene	85		84		70-130	1		30
1,4-Dichlorobenzene	85		83		70-130	2		30
Methyl tert butyl ether	101		102		66-130	1		30
p/m-Xylene	88		87		70-130	1		30
o-Xylene	87		86		70-130	1		30
cis-1,2-Dichloroethene	101		98		70-130	3		30
Styrene	86		86		70-130	0		30
Dichlorodifluoromethane	85		79		30-146	7		30
Acetone	116		114		54-140	2		30
Carbon disulfide	100		97		59-130	3		30
2-Butanone	110		115		70-130	4		30
4-Methyl-2-pentanone	92		96		70-130	4		30
2-Hexanone	93		98		70-130	5		30
Bromochloromethane	98		97		70-130	1		30
1,2-Dibromoethane	86		88		70-130	2		30
n-Butylbenzene	91		88		70-130	3		30
sec-Butylbenzene	91		88		70-130	3		30
tert-Butylbenzene	88		86		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1250806-8 WG1250806-9								
1,2-Dibromo-3-chloropropane	74		77		68-130	4		30
Isopropylbenzene	89		86		70-130	3		30
p-Isopropyltoluene	88		85		70-130	3		30
Naphthalene	81		84		70-130	4		30
n-Propylbenzene	91		88		70-130	3		30
1,2,3-Trichlorobenzene	81		81		70-130	0		30
1,2,4-Trichlorobenzene	81		80		70-130	1		30
1,3,5-Trimethylbenzene	88		87		70-130	1		30
1,2,4-Trimethylbenzene	88		87		70-130	1		30
Methyl Acetate	113		116		51-146	3		30
Cyclohexane	110		106		59-142	4		30
1,4-Dioxane	109		108		65-136	1		30
Freon-113	105		101		50-139	4		30
Methyl cyclohexane	97		94		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		103		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1251071-3 WG1251071-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	109		108		70-130	1		30
Chloroform	111		114		70-130	3		30
Carbon tetrachloride	124		122		70-130	2		30
1,2-Dichloropropane	107		107		70-130	0		30
Dibromochloromethane	112		111		70-130	1		30
1,1,2-Trichloroethane	109		108		70-130	1		30
Tetrachloroethene	116		116		70-130	0		30
Chlorobenzene	108		107		70-130	1		30
Trichlorofluoromethane	122		119		70-139	2		30
1,2-Dichloroethane	112		111		70-130	1		30
1,1,1-Trichloroethane	123		122		70-130	1		30
Bromodichloromethane	118		116		70-130	2		30
trans-1,3-Dichloropropene	112		111		70-130	1		30
cis-1,3-Dichloropropene	118		116		70-130	2		30
Bromoform	112		108		70-130	4		30
1,1,2,2-Tetrachloroethane	105		101		70-130	4		30
Benzene	110		111		70-130	1		30
Toluene	106		107		70-130	1		30
Ethylbenzene	110		111		70-130	1		30
Chloromethane	100		97		52-130	3		30
Bromomethane	108		104		57-147	4		30
Vinyl chloride	109		109		67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1251071-3 WG1251071-4								
Chloroethane	114		115		50-151	1		30
1,1-Dichloroethene	113		115		65-135	2		30
trans-1,2-Dichloroethene	112		110		70-130	2		30
Trichloroethene	117		118		70-130	1		30
1,2-Dichlorobenzene	107		106		70-130	1		30
1,3-Dichlorobenzene	109		107		70-130	2		30
1,4-Dichlorobenzene	108		106		70-130	2		30
Methyl tert butyl ether	112		108		66-130	4		30
p/m-Xylene	113		114		70-130	1		30
o-Xylene	112		113		70-130	1		30
cis-1,2-Dichloroethene	110		113		70-130	3		30
Styrene	115		113		70-130	2		30
Dichlorodifluoromethane	117		116		30-146	1		30
Acetone	97		84		54-140	14		30
Carbon disulfide	105		106		59-130	1		30
2-Butanone	113		95		70-130	17		30
4-Methyl-2-pentanone	108		99		70-130	9		30
2-Hexanone	95		90		70-130	5		30
Bromochloromethane	118		116		70-130	2		30
1,2-Dibromoethane	112		109		70-130	3		30
n-Butylbenzene	114		113		70-130	1		30
sec-Butylbenzene	111		111		70-130	0		30
tert-Butylbenzene	110		111		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1251071-3 WG1251071-4								
1,2-Dibromo-3-chloropropane	105		99		68-130	6		30
Isopropylbenzene	109		111		70-130	2		30
p-Isopropyltoluene	113		112		70-130	1		30
Naphthalene	112		106		70-130	6		30
n-Propylbenzene	108		109		70-130	1		30
1,2,3-Trichlorobenzene	112		110		70-130	2		30
1,2,4-Trichlorobenzene	114		114		70-130	0		30
1,3,5-Trimethylbenzene	111		111		70-130	0		30
1,2,4-Trimethylbenzene	111		111		70-130	0		30
Methyl Acetate	104		97		51-146	7		30
Cyclohexane	113		115		59-142	2		30
1,4-Dioxane	113		101		65-136	11		30
Freon-113	111		112		50-139	1		30
Methyl cyclohexane	120		118		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	97		99		70-130
Dibromofluoromethane	104		103		70-130

SEMIVOLATILES

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01
Client ID: B-5 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 08:35
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 16:12
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	68	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01 Date Collected: 06/18/19 08:35

Client ID: B-5 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1300		ug/kg	110	20.	1
Benzo(a)pyrene	1300		ug/kg	140	44.	1
Benzo(b)fluoranthene	1700		ug/kg	110	31.	1
Benzo(k)fluoranthene	530		ug/kg	110	29.	1
Chrysene	1200		ug/kg	110	19.	1
Acenaphthylene	88	J	ug/kg	140	28.	1
Anthracene	440		ug/kg	110	36.	1
Benzo(ghi)perylene	710		ug/kg	140	21.	1
Fluorene	160	J	ug/kg	180	18.	1
Phenanthrene	1800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	180		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	800		ug/kg	140	25.	1
Pyrene	2300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	90	J	ug/kg	180	17.	1
2-Methylnaphthalene	47	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01 Date Collected: 06/18/19 08:35

Client ID: B-5 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	230		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	87		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02
Client ID: B-5 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 08:40
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 16:37
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	310		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	4600		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	200		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02 Date Collected: 06/18/19 08:40

Client ID: B-5 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2300		ug/kg	110	21.	1
Benzo(a)pyrene	2200		ug/kg	150	46.	1
Benzo(b)fluoranthene	3000		ug/kg	110	32.	1
Benzo(k)fluoranthene	960		ug/kg	110	30.	1
Chrysene	2200		ug/kg	110	20.	1
Acenaphthylene	120	J	ug/kg	150	29.	1
Anthracene	780		ug/kg	110	37.	1
Benzo(ghi)perylene	1200		ug/kg	150	22.	1
Fluorene	290		ug/kg	190	18.	1
Phenanthrene	3300		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	330		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	3800		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	200		ug/kg	190	18.	1
2-Methylnaphthalene	130	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02 Date Collected: 06/18/19 08:40

Client ID: B-5 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	480		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	89		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03
Client ID: B-6 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:15
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 17:03
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	43	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03 Date Collected: 06/18/19 09:15

Client ID: B-6 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1000		ug/kg	110	20.	1
Benzo(a)pyrene	900		ug/kg	140	44.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	400		ug/kg	110	29.	1
Chrysene	970		ug/kg	110	19.	1
Acenaphthylene	50	J	ug/kg	140	28.	1
Anthracene	320		ug/kg	110	36.	1
Benzo(ghi)perylene	500		ug/kg	140	21.	1
Fluorene	100	J	ug/kg	180	18.	1
Phenanthrene	1400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	560		ug/kg	140	25.	1
Pyrene	1700		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	67	J	ug/kg	180	17.	1
2-Methylnaphthalene	33	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03 Date Collected: 06/18/19 09:15

Client ID: B-6 (0-2') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	150	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	117		10-136
4-Terphenyl-d14	92		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04
Client ID: B-6 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:20
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 14:55
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	54	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	950		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	28	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04 Date Collected: 06/18/19 09:20

Client ID: B-6 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	460		ug/kg	110	21.	1
Benzo(a)pyrene	400		ug/kg	150	45.	1
Benzo(b)fluoranthene	520		ug/kg	110	31.	1
Benzo(k)fluoranthene	200		ug/kg	110	30.	1
Chrysene	410		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	160		ug/kg	110	36.	1
Benzo(ghi)perylene	220		ug/kg	150	22.	1
Fluorene	50	J	ug/kg	190	18.	1
Phenanthrene	660		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	58	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	150	26.	1
Pyrene	790		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	36	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04 Date Collected: 06/18/19 09:20

Client ID: B-6 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	80	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	88		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05
Client ID: B-7 (0-2.5')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:40
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 17:29
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	3900		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	210		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05 Date Collected: 06/18/19 09:40

Client ID: B-7 (0-2.5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	1900		ug/kg	120	22.	1
Benzo(a)pyrene	1900		ug/kg	160	49.	1
Benzo(b)fluoranthene	2400		ug/kg	120	34.	1
Benzo(k)fluoranthene	830		ug/kg	120	32.	1
Chrysene	2000		ug/kg	120	21.	1
Acenaphthylene	110	J	ug/kg	160	31.	1
Anthracene	600		ug/kg	120	39.	1
Benzo(ghi)perylene	1000		ug/kg	160	24.	1
Fluorene	250		ug/kg	200	19.	1
Phenanthrene	2900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	270		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	160	28.	1
Pyrene	3800		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	150	J	ug/kg	200	19.	1
2-Methylnaphthalene	150	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	32	J	ug/kg	290	31.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05 Date Collected: 06/18/19 09:40

Client ID: B-7 (0-2.5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	260		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	75		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06
Client ID: B-7 (2.5-5')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:45
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 14:30
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	30	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	170	J	ug/kg	190	35.	1
1,3-Dichlorobenzene	150	J	ug/kg	190	33.	1
1,4-Dichlorobenzene	260		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	80	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	140	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	300		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06 Date Collected: 06/18/19 09:45

Client ID: B-7 (2.5-5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	42	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	36	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	39	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	55	J	ug/kg	190	19.	1
Phenanthrene	130		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	92	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	23	J	ug/kg	190	18.	1
2-Methylnaphthalene	360		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	35	J	ug/kg	280	30.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06 Date Collected: 06/18/19 09:45

Client ID: B-7 (2.5-5') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	87		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07
Client ID: B-7 (5-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:50
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 15:20
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	230		ug/kg	200	36.	1
1,3-Dichlorobenzene	190	J	ug/kg	200	34.	1
1,4-Dichlorobenzene	330		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	89	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	44	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	320		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07 Date Collected: 06/18/19 09:50

Client ID: B-7 (5-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	46	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	59	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	48	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	29	J	ug/kg	160	23.	1
Fluorene	37	J	ug/kg	200	19.	1
Phenanthrene	110	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	100	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	300		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07 Date Collected: 06/18/19 09:50

Client ID: B-7 (5-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	80		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-08 D
Client ID: WOOD-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 11:30
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 06/20/19 12:21
Analyst: JG
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 06/19/19 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	22000	2800	60
1,2,4-Trichlorobenzene	ND		ug/kg	27000	3100	60
Hexachlorobenzene	ND		ug/kg	16000	3100	60
Bis(2-chloroethyl)ether	ND		ug/kg	25000	3700	60
2-Chloronaphthalene	ND		ug/kg	27000	2700	60
1,2-Dichlorobenzene	ND		ug/kg	27000	4900	60
1,3-Dichlorobenzene	ND		ug/kg	27000	4700	60
1,4-Dichlorobenzene	ND		ug/kg	27000	4800	60
3,3'-Dichlorobenzidine	ND		ug/kg	27000	7300	60
2,4-Dinitrotoluene	ND		ug/kg	27000	5500	60
2,6-Dinitrotoluene	ND		ug/kg	27000	4700	60
Fluoranthene	230000		ug/kg	16000	3100	60
4-Chlorophenyl phenyl ether	ND		ug/kg	27000	2900	60
4-Bromophenyl phenyl ether	ND		ug/kg	27000	4200	60
Bis(2-chloroisopropyl)ether	ND		ug/kg	33000	4700	60
Bis(2-chloroethoxy)methane	ND		ug/kg	30000	2700	60
Hexachlorobutadiene	ND		ug/kg	27000	4000	60
Hexachlorocyclopentadiene	ND		ug/kg	78000	25000	60
Hexachloroethane	ND		ug/kg	22000	4400	60
Isophorone	ND		ug/kg	25000	3600	60
Naphthalene	ND		ug/kg	27000	3300	60
Nitrobenzene	ND		ug/kg	25000	4000	60
NDPA/DPA	ND		ug/kg	22000	3100	60
n-Nitrosodi-n-propylamine	ND		ug/kg	27000	4200	60
Bis(2-ethylhexyl)phthalate	29000		ug/kg	27000	9500	60
Butyl benzyl phthalate	ND		ug/kg	27000	6900	60
Di-n-butylphthalate	ND		ug/kg	27000	5200	60
Di-n-octylphthalate	ND		ug/kg	27000	9300	60

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-08 D Date Collected: 06/18/19 11:30

Client ID: WOOD-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	27000	2500	60
Dimethyl phthalate	7000	J	ug/kg	27000	5800	60
Benzo(a)anthracene	170000		ug/kg	16000	3100	60
Benzo(a)pyrene	180000		ug/kg	22000	6700	60
Benzo(b)fluoranthene	290000		ug/kg	16000	4600	60
Benzo(k)fluoranthene	91000		ug/kg	16000	4400	60
Chrysene	170000		ug/kg	16000	2800	60
Acenaphthylene	35000		ug/kg	22000	4200	60
Anthracene	44000		ug/kg	16000	5300	60
Benzo(ghi)perylene	140000		ug/kg	22000	3200	60
Fluorene	4100	J	ug/kg	27000	2700	60
Phenanthrene	79000		ug/kg	16000	3300	60
Dibenzo(a,h)anthracene	30000		ug/kg	16000	3200	60
Indeno(1,2,3-cd)pyrene	150000		ug/kg	22000	3800	60
Pyrene	340000		ug/kg	16000	2700	60
Biphenyl	ND		ug/kg	62000	6400	60
4-Chloroaniline	ND		ug/kg	27000	5000	60
2-Nitroaniline	ND		ug/kg	27000	5300	60
3-Nitroaniline	ND		ug/kg	27000	5200	60
4-Nitroaniline	ND		ug/kg	27000	11000	60
Dibenzofuran	3200	J	ug/kg	27000	2600	60
2-Methylnaphthalene	ND		ug/kg	33000	3300	60
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	27000	2900	60
Acetophenone	ND		ug/kg	27000	3400	60
2,4,6-Trichlorophenol	ND		ug/kg	16000	5200	60
p-Chloro-m-cresol	ND		ug/kg	27000	4100	60
2-Chlorophenol	ND		ug/kg	27000	3200	60
2,4-Dichlorophenol	ND		ug/kg	25000	4400	60
2,4-Dimethylphenol	ND		ug/kg	27000	9000	60
2-Nitrophenol	ND		ug/kg	59000	10000	60
4-Nitrophenol	ND		ug/kg	38000	11000	60
2,4-Dinitrophenol	ND		ug/kg	130000	13000	60
4,6-Dinitro-o-cresol	ND		ug/kg	71000	13000	60
Pentachlorophenol	ND		ug/kg	22000	6000	60
Phenol	ND		ug/kg	27000	4100	60
2-Methylphenol	ND		ug/kg	27000	4200	60
3-Methylphenol/4-Methylphenol	ND		ug/kg	39000	4300	60

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-08 D Date Collected: 06/18/19 11:30

Client ID: WOOD-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	27000	5200	60
Benzoic Acid	ND		ug/kg	89000	28000	60
Benzyl Alcohol	ND		ug/kg	27000	8400	60
Carbazole	23000	J	ug/kg	27000	2700	60
1,4-Dioxane	ND		ug/kg	4100	1300	60

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D
Client ID: WOOD-2
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 12:00
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 06/20/19 15:23
Analyst: JG
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 06/19/19 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190000		ug/kg	98000	13000	250
1,2,4-Trichlorobenzene	ND		ug/kg	120000	14000	250
Hexachlorobenzene	ND		ug/kg	74000	14000	250
Bis(2-chloroethyl)ether	ND		ug/kg	110000	17000	250
2-Chloronaphthalene	ND		ug/kg	120000	12000	250
1,2-Dichlorobenzene	ND		ug/kg	120000	22000	250
1,3-Dichlorobenzene	ND		ug/kg	120000	21000	250
1,4-Dichlorobenzene	ND		ug/kg	120000	21000	250
3,3'-Dichlorobenzidine	ND		ug/kg	120000	33000	250
2,4-Dinitrotoluene	ND		ug/kg	120000	25000	250
2,6-Dinitrotoluene	ND		ug/kg	120000	21000	250
Fluoranthene	2700000		ug/kg	74000	14000	250
4-Chlorophenyl phenyl ether	ND		ug/kg	120000	13000	250
4-Bromophenyl phenyl ether	ND		ug/kg	120000	19000	250
Bis(2-chloroisopropyl)ether	ND		ug/kg	150000	21000	250
Bis(2-chloroethoxy)methane	ND		ug/kg	130000	12000	250
Hexachlorobutadiene	ND		ug/kg	120000	18000	250
Hexachlorocyclopentadiene	ND		ug/kg	350000	110000	250
Hexachloroethane	ND		ug/kg	98000	20000	250
Isophorone	ND		ug/kg	110000	16000	250
Naphthalene	2200000		ug/kg	120000	15000	250
Nitrobenzene	ND		ug/kg	110000	18000	250
NDPA/DPA	ND		ug/kg	98000	14000	250
n-Nitrosodi-n-propylamine	ND		ug/kg	120000	19000	250
Bis(2-ethylhexyl)phthalate	ND		ug/kg	120000	42000	250
Butyl benzyl phthalate	ND		ug/kg	120000	31000	250
Di-n-butylphthalate	ND		ug/kg	120000	23000	250
Di-n-octylphthalate	ND		ug/kg	120000	42000	250

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D
Client ID: WOOD-2
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 12:00
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	120000	11000	250
Dimethyl phthalate	ND		ug/kg	120000	26000	250
Benzo(a)anthracene	1500000		ug/kg	74000	14000	250
Benzo(a)pyrene	1000000		ug/kg	98000	30000	250
Benzo(b)fluoranthene	1400000		ug/kg	74000	21000	250
Benzo(k)fluoranthene	550000		ug/kg	74000	20000	250
Chrysene	1300000		ug/kg	74000	13000	250
Acenaphthylene	1000000		ug/kg	98000	19000	250
Anthracene	830000		ug/kg	74000	24000	250
Benzo(ghi)perylene	560000		ug/kg	98000	14000	250
Fluorene	650000		ug/kg	120000	12000	250
Phenanthrene	3200000		ug/kg	74000	15000	250
Dibenzo(a,h)anthracene	160000		ug/kg	74000	14000	250
Indeno(1,2,3-cd)pyrene	660000		ug/kg	98000	17000	250
Pyrene	2400000		ug/kg	74000	12000	250
Biphenyl	190000	J	ug/kg	280000	28000	250
4-Chloroaniline	ND		ug/kg	120000	22000	250
2-Nitroaniline	ND		ug/kg	120000	24000	250
3-Nitroaniline	ND		ug/kg	120000	23000	250
4-Nitroaniline	ND		ug/kg	120000	51000	250
Dibenzofuran	370000		ug/kg	120000	12000	250
2-Methylnaphthalene	1000000		ug/kg	150000	15000	250
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	120000	13000	250
Acetophenone	ND		ug/kg	120000	15000	250
2,4,6-Trichlorophenol	ND		ug/kg	74000	23000	250
p-Chloro-m-cresol	ND		ug/kg	120000	18000	250
2-Chlorophenol	ND		ug/kg	120000	14000	250
2,4-Dichlorophenol	ND		ug/kg	110000	20000	250
2,4-Dimethylphenol	160000		ug/kg	120000	41000	250
2-Nitrophenol	ND		ug/kg	260000	46000	250
4-Nitrophenol	ND		ug/kg	170000	50000	250
2,4-Dinitrophenol	ND		ug/kg	590000	57000	250
4,6-Dinitro-o-cresol	ND		ug/kg	320000	59000	250
Pentachlorophenol	ND		ug/kg	98000	27000	250
Phenol	390000		ug/kg	120000	18000	250
2-Methylphenol	240000		ug/kg	120000	19000	250
3-Methylphenol/4-Methylphenol	600000		ug/kg	180000	19000	250

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D Date Collected: 06/18/19 12:00

Client ID: WOOD-2 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	120000	24000	250
Benzoic Acid	ND		ug/kg	400000	120000	250
Benzyl Alcohol	ND		ug/kg	120000	38000	250
Carbazole	400000		ug/kg	120000	12000	250
1,4-Dioxane	ND		ug/kg	18000	5600	250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10
Client ID: CB-4
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 13:35
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270D
Analytical Date: 06/19/19 15:46
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	140		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10 Date Collected: 06/18/19 13:35

Client ID: CB-4 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	95	J	ug/kg	120	22.	1
Benzo(a)pyrene	75	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	110	J	ug/kg	120	32.	1
Benzo(k)fluoranthene	39	J	ug/kg	120	31.	1
Chrysene	85	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	38	J	ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	42	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	45	J	ug/kg	150	27.	1
Pyrene	120		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10 Date Collected: 06/18/19 13:35

Client ID: CB-4 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	52		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11
Client ID: CB-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 13:20
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment
Analytical Method: 1,8270D
Analytical Date: 06/19/19 18:46
Analyst: JG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	53	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20

Client ID: CB-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	43	J	ug/kg	120	23.	1
Benzo(a)pyrene	53	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	70	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	66	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	42	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	32	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	38	J	ug/kg	160	28.	1
Pyrene	68	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11 Date Collected: 06/18/19 13:20

Client ID: CB-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	55		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12
Client ID: S-12
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 14:15
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 18:20
Analyst: JG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	580		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	8200		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	670		ug/kg	210	26.	1
Nitrobenzene	38	J	ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12 Date Collected: 06/18/19 14:15

Client ID: S-12 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	4200		ug/kg	130	24.	1
Benzo(a)pyrene	4000		ug/kg	170	52.	1
Benzo(b)fluoranthene	5200		ug/kg	130	36.	1
Benzo(k)fluoranthene	1800		ug/kg	130	34.	1
Chrysene	3800		ug/kg	130	22.	1
Acenaphthylene	190		ug/kg	170	33.	1
Anthracene	1700		ug/kg	130	41.	1
Benzo(ghi)perylene	2200		ug/kg	170	25.	1
Fluorene	690		ug/kg	210	21.	1
Phenanthrene	6600		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	590		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	170	30.	1
Pyrene	6800		ug/kg	130	21.	1
Biphenyl	94	J	ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	510		ug/kg	210	20.	1
2-Methylnaphthalene	300		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	68	J	ug/kg	300	33.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12 Date Collected: 06/18/19 14:15

Client ID: S-12 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	1100		ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	65		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13
Client ID: S-13
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 14:25
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/19/19 17:54
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	570		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	87	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13 Date Collected: 06/18/19 14:25

Client ID: S-13 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	300		ug/kg	120	22.	1
Benzo(a)pyrene	310		ug/kg	160	47.	1
Benzo(b)fluoranthene	440		ug/kg	120	33.	1
Benzo(k)fluoranthene	140		ug/kg	120	31.	1
Chrysene	340		ug/kg	120	20.	1
Acenaphthylene	39	J	ug/kg	160	30.	1
Anthracene	87	J	ug/kg	120	38.	1
Benzo(ghi)perylene	220		ug/kg	160	23.	1
Fluorene	28	J	ug/kg	190	19.	1
Phenanthrene	540		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	55	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	230		ug/kg	160	27.	1
Pyrene	500		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	57	J	ug/kg	190	18.	1
2-Methylnaphthalene	67	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	31	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13 Date Collected: 06/18/19 14:25

Client ID: S-13 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	55	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	69		18-120

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14 D
Client ID: DRUM-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 14:50
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270D
Analytical Date: 06/20/19 13:13
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3540C
Extraction Date: 06/19/19 08:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	67000	8700	160
1,2,4-Trichlorobenzene	ND		ug/kg	84000	9600	160
Hexachlorobenzene	ND		ug/kg	50000	9400	160
Bis(2-chloroethyl)ether	ND		ug/kg	76000	11000	160
2-Chloronaphthalene	ND		ug/kg	84000	8400	160
1,2-Dichlorobenzene	ND		ug/kg	84000	15000	160
1,3-Dichlorobenzene	ND		ug/kg	84000	14000	160
1,4-Dichlorobenzene	ND		ug/kg	84000	15000	160
3,3'-Dichlorobenzidine	ND		ug/kg	84000	22000	160
2,4-Dinitrotoluene	ND		ug/kg	84000	17000	160
2,6-Dinitrotoluene	ND		ug/kg	84000	14000	160
Fluoranthene	38000	J	ug/kg	50000	9700	160
4-Chlorophenyl phenyl ether	ND		ug/kg	84000	9000	160
4-Bromophenyl phenyl ether	ND		ug/kg	84000	13000	160
Bis(2-chloroisopropyl)ether	ND		ug/kg	100000	14000	160
Bis(2-chloroethoxy)methane	ND		ug/kg	91000	8400	160
Hexachlorobutadiene	ND		ug/kg	84000	12000	160
Hexachlorocyclopentadiene	ND		ug/kg	240000	76000	160
Hexachloroethane	ND		ug/kg	67000	14000	160
Isophorone	ND		ug/kg	76000	11000	160
Naphthalene	ND		ug/kg	84000	10000	160
Nitrobenzene	ND		ug/kg	76000	12000	160
NDPA/DPA	ND		ug/kg	67000	9600	160
n-Nitrosodi-n-propylamine	ND		ug/kg	84000	13000	160
Bis(2-ethylhexyl)phthalate	ND		ug/kg	84000	29000	160
Butyl benzyl phthalate	ND		ug/kg	84000	21000	160
Di-n-butylphthalate	ND		ug/kg	84000	16000	160
Di-n-octylphthalate	ND		ug/kg	84000	29000	160

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14 D Date Collected: 06/18/19 14:50

Client ID: DRUM-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	84000	7800	160
Dimethyl phthalate	22000	J	ug/kg	84000	18000	160
Benzo(a)anthracene	16000	J	ug/kg	50000	9500	160
Benzo(a)pyrene	ND		ug/kg	67000	20000	160
Benzo(b)fluoranthene	ND		ug/kg	50000	14000	160
Benzo(k)fluoranthene	ND		ug/kg	50000	13000	160
Chrysene	12000	J	ug/kg	50000	8800	160
Acenaphthylene	31000	J	ug/kg	67000	13000	160
Anthracene	16000	J	ug/kg	50000	16000	160
Benzo(ghi)perylene	ND		ug/kg	67000	9900	160
Fluorene	ND		ug/kg	84000	8200	160
Phenanthrene	18000	J	ug/kg	50000	10000	160
Dibenzo(a,h)anthracene	ND		ug/kg	50000	9700	160
Indeno(1,2,3-cd)pyrene	ND		ug/kg	67000	12000	160
Pyrene	44000	J	ug/kg	50000	8400	160
Biphenyl	ND		ug/kg	190000	20000	160
4-Chloroaniline	ND		ug/kg	84000	15000	160
2-Nitroaniline	ND		ug/kg	84000	16000	160
3-Nitroaniline	ND		ug/kg	84000	16000	160
4-Nitroaniline	ND		ug/kg	84000	35000	160
Dibenzofuran	ND		ug/kg	84000	8000	160
2-Methylnaphthalene	ND		ug/kg	100000	10000	160
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	84000	8800	160
Acetophenone	ND		ug/kg	84000	10000	160
2,4,6-Trichlorophenol	ND		ug/kg	50000	16000	160
p-Chloro-m-cresol	ND		ug/kg	84000	12000	160
2-Chlorophenol	ND		ug/kg	84000	10000	160
2,4-Dichlorophenol	ND		ug/kg	76000	14000	160
2,4-Dimethylphenol	ND		ug/kg	84000	28000	160
2-Nitrophenol	ND		ug/kg	180000	32000	160
4-Nitrophenol	ND		ug/kg	120000	34000	160
2,4-Dinitrophenol	ND		ug/kg	400000	39000	160
4,6-Dinitro-o-cresol	ND		ug/kg	220000	40000	160
Pentachlorophenol	ND		ug/kg	67000	18000	160
Phenol	ND		ug/kg	84000	13000	160
2-Methylphenol	ND		ug/kg	84000	13000	160
3-Methylphenol/4-Methylphenol	ND		ug/kg	120000	13000	160

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14 D Date Collected: 06/18/19 14:50

Client ID: DRUM-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	84000	16000	160
Benzoic Acid	160000	J	ug/kg	270000	85000	160
Benzyl Alcohol	ND		ug/kg	84000	26000	160
Carbazole	ND		ug/kg	84000	8200	160
1,4-Dioxane	ND		ug/kg	13000	3900	160

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/20/19 15:47
Analyst: JG

Extraction Method: EPA 3540C
Extraction Date: 06/18/19 13:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09,14 Batch: WG1249915-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/20/19 15:47
Analyst: JG

Extraction Method: EPA 3540C
Extraction Date: 06/18/19 13:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09,14 Batch: WG1249915-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/20/19 15:47
Analyst: JG

Extraction Method: EPA 3540C
Extraction Date: 06/18/19 13:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09,14 Batch: WG1249915-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	79		18-120

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/19 13:47
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07,10-13 Batch: WG1250225-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/19 13:47
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07,10-13 Batch: WG1250225-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/19/19 13:47
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 06/19/19 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07,10-13 Batch: WG1250225-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	55		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09,14 Batch: WG1249915-2 WG1249915-3								
Acenaphthene	88		88		31-137	0		50
1,2,4-Trichlorobenzene	83		83		38-107	0		50
Hexachlorobenzene	81		84		40-140	4		50
Bis(2-chloroethyl)ether	90		92		40-140	2		50
2-Chloronaphthalene	92		97		40-140	5		50
1,2-Dichlorobenzene	91		81		40-140	12		50
1,3-Dichlorobenzene	82		80		40-140	2		50
1,4-Dichlorobenzene	81		82		28-104	1		50
3,3'-Dichlorobenzidine	77		75		40-140	3		50
2,4-Dinitrotoluene	99		103		40-132	4		50
2,6-Dinitrotoluene	104		100		40-140	4		50
Fluoranthene	89		94		40-140	5		50
4-Chlorophenyl phenyl ether	94		91		40-140	3		50
4-Bromophenyl phenyl ether	90		92		40-140	2		50
Bis(2-chloroisopropyl)ether	115		95		40-140	19		50
Bis(2-chloroethoxy)methane	94		100		40-117	6		50
Hexachlorobutadiene	83		88		40-140	6		50
Hexachlorocyclopentadiene	83		90		40-140	8		50
Hexachloroethane	94		85		40-140	10		50
Isophorone	106		97		40-140	9		50
Naphthalene	83		84		40-140	1		50
Nitrobenzene	113		105		40-140	7		50
NDPA/DPA	96		93		36-157	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09,14 Batch: WG1249915-2 WG1249915-3								
n-Nitrosodi-n-propylamine	113		105		32-121	7		50
Bis(2-ethylhexyl)phthalate	109		113		40-140	4		50
Butyl benzyl phthalate	111		109		40-140	2		50
Di-n-butylphthalate	113		109		40-140	4		50
Di-n-octylphthalate	112		123		40-140	9		50
Diethyl phthalate	107		101		40-140	6		50
Dimethyl phthalate	101		99		40-140	2		50
Benzo(a)anthracene	99		97		40-140	2		50
Benzo(a)pyrene	101		98		40-140	3		50
Benzo(b)fluoranthene	99		98		40-140	1		50
Benzo(k)fluoranthene	98		99		40-140	1		50
Chrysene	92		92		40-140	0		50
Acenaphthylene	98		95		40-140	3		50
Anthracene	93		92		40-140	1		50
Benzo(ghi)perylene	98		99		40-140	1		50
Fluorene	96		91		40-140	5		50
Phenanthrene	89		92		40-140	3		50
Dibenzo(a,h)anthracene	94		96		40-140	2		50
Indeno(1,2,3-cd)pyrene	102		103		40-140	1		50
Pyrene	88		93		35-142	6		50
Biphenyl	84		90		54-104	7		50
4-Chloroaniline	102		99		40-140	3		50
2-Nitroaniline	123		122		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09,14 Batch: WG1249915-2 WG1249915-3								
3-Nitroaniline	87		86		26-129	1		50
4-Nitroaniline	114		106		41-125	7		50
Dibenzofuran	89		92		40-140	3		50
2-Methylnaphthalene	81		94		40-140	15		50
1,2,4,5-Tetrachlorobenzene	77		83		40-117	8		50
Acetophenone	98		94		14-144	4		50
2,4,6-Trichlorophenol	101		110		30-130	9		50
p-Chloro-m-cresol	**105**	Q	**105**	Q	26-103	0		50
2-Chlorophenol	90		91		25-102	1		50
2,4-Dichlorophenol	100		99		30-130	1		50
2,4-Dimethylphenol	94		93		30-130	1		50
2-Nitrophenol	114		106		30-130	7		50
4-Nitrophenol	111		**118**	Q	11-114	6		50
2,4-Dinitrophenol	99		99		4-130	0		50
4,6-Dinitro-o-cresol	119		117		10-130	2		50
Pentachlorophenol	92		92		17-109	0		50
Phenol	**97**	Q	**99**	Q	26-90	2		50
2-Methylphenol	106		92		30-130.	14		50
3-Methylphenol/4-Methylphenol	103		97		30-130	6		50
2,4,5-Trichlorophenol	107		113		30-130	5		50
Benzoic Acid	37		43		10-110	15		50
Benzyl Alcohol	126		114		40-140	10		50
Carbazole	97		94		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09,14 Batch: WG1249915-2 WG1249915-3								
1,4-Dioxane	60		58		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		85		25-120
Phenol-d6	90		92		10-120
Nitrobenzene-d5	117		108		23-120
2-Fluorobiphenyl	88		97		30-120
2,4,6-Tribromophenol	89		92		10-136
4-Terphenyl-d14	85		87		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,10-13 Batch: WG1250225-2 WG1250225-3								
Acenaphthene	76		72		31-137	5		50
1,2,4-Trichlorobenzene	58		78		38-107	29		50
Hexachlorobenzene	104		80		40-140	26		50
Bis(2-chloroethyl)ether	66		67		40-140	2		50
2-Chloronaphthalene	68		48		40-140	34		50
1,2-Dichlorobenzene	67		64		40-140	5		50
1,3-Dichlorobenzene	62		63		40-140	2		50
1,4-Dichlorobenzene	66		64		28-104	3		50
3,3'-Dichlorobenzidine	58		52		40-140	11		50
2,4-Dinitrotoluene	86		81		40-132	6		50
2,6-Dinitrotoluene	68		53		40-140	25		50
Fluoranthene	82		75		40-140	9		50
4-Chlorophenyl phenyl ether	82		75		40-140	9		50
4-Bromophenyl phenyl ether	113		83		40-140	31		50
Bis(2-chloroisopropyl)ether	73		68		40-140	7		50
Bis(2-chloroethoxy)methane	62		74		40-117	18		50
Hexachlorobutadiene	84		61		40-140	32		50
Hexachlorocyclopentadiene	84		60		40-140	33		50
Hexachloroethane	69		71		40-140	3		50
Isophorone	80		84		40-140	5		50
Naphthalene	72		68		40-140	6		50
Nitrobenzene	80		100		40-140	22		50
NDPA/DPA	106		77		36-157	32		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,10-13 Batch: WG1250225-2 WG1250225-3								
n-Nitrosodi-n-propylamine	80		81		32-121	1		50
Bis(2-ethylhexyl)phthalate	75		72		40-140	4		50
Butyl benzyl phthalate	86		96		40-140	11		50
Di-n-butylphthalate	94		75		40-140	22		50
Di-n-octylphthalate	70		72		40-140	3		50
Diethyl phthalate	85		78		40-140	9		50
Dimethyl phthalate	67		50		40-140	29		50
Benzo(a)anthracene	77		71		40-140	8		50
Benzo(a)pyrene	84		72		40-140	15		50
Benzo(b)fluoranthene	80		66		40-140	19		50
Benzo(k)fluoranthene	80		68		40-140	16		50
Chrysene	74		70		40-140	6		50
Acenaphthylene	63		51		40-140	21		50
Anthracene	83		70		40-140	17		50
Benzo(ghi)perylene	87		75		40-140	15		50
Fluorene	82		76		40-140	8		50
Phenanthrene	77		68		40-140	12		50
Dibenzo(a,h)anthracene	84		72		40-140	15		50
Indeno(1,2,3-cd)pyrene	91		77		40-140	17		50
Pyrene	86		83		35-142	4		50
Biphenyl	66		**46**	Q	54-104	36		50
4-Chloroaniline	79		86		40-140	8		50
2-Nitroaniline	84		60		47-134	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,10-13 Batch: WG1250225-2 WG1250225-3								
3-Nitroaniline	68		64		26-129	6		50
4-Nitroaniline	86		82		41-125	5		50
Dibenzofuran	80		74		40-140	8		50
2-Methylnaphthalene	68		46		40-140	39		50
1,2,4,5-Tetrachlorobenzene	65		46		40-117	34		50
Acetophenone	70		70		14-144	0		50
2,4,6-Trichlorophenol	75		58		30-130	26		50
p-Chloro-m-cresol	83		56		26-103	39		50
2-Chlorophenol	69		73		25-102	6		50
2,4-Dichlorophenol	69		92		30-130	29		50
2,4-Dimethylphenol	72		84		30-130	15		50
2-Nitrophenol	82		92		30-130	11		50
4-Nitrophenol	85		85		11-114	0		50
2,4-Dinitrophenol	94		81		4-130	15		50
4,6-Dinitro-o-cresol	106		94		10-130	12		50
Pentachlorophenol	**115**	Q	88		17-109	27		50
Phenol	74		77		26-90	4		50
2-Methylphenol	80		77		30-130.	4		50
3-Methylphenol/4-Methylphenol	77		78		30-130	1		50
2,4,5-Trichlorophenol	80		59		30-130	30		50
Benzoic Acid	53		25		10-110	**72**	Q	50
Benzyl Alcohol	93		84		40-140	10		50
Carbazole	89		72		54-128	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07,10-13 Batch: WG1250225-2 WG1250225-3								
1,4-Dioxane	45		54		40-140	18		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		74		25-120
Phenol-d6	74		75		10-120
Nitrobenzene-d5	89		93		23-120
2-Fluorobiphenyl	74		50		30-120
2,4,6-Tribromophenol	130		102		10-136
4-Terphenyl-d14	90		85		18-120

PCBS

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01
Client ID: B-5 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 08:35
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/19/19 20:37
Analyst: WR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 05:54
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.4	3.15	1	A
Aroclor 1221	ND		ug/kg	35.4	3.55	1	A
Aroclor 1232	ND		ug/kg	35.4	7.51	1	A
Aroclor 1242	ND		ug/kg	35.4	4.78	1	A
Aroclor 1248	ND		ug/kg	35.4	5.32	1	A
Aroclor 1254	23.6	J	ug/kg	35.4	3.88	1	A
Aroclor 1260	25.0	J	ug/kg	35.4	6.55	1	B
Aroclor 1262	ND		ug/kg	35.4	4.50	1	A
Aroclor 1268	11.6	J	ug/kg	35.4	3.67	1	A
PCBs, Total	60.2	J	ug/kg	35.4	3.15	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02
Client ID: B-5 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 08:40
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/19/19 20:49
Analyst: WR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 05:54
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.64	1	A
Aroclor 1232	ND		ug/kg	36.4	7.71	1	A
Aroclor 1242	ND		ug/kg	36.4	4.90	1	A
Aroclor 1248	ND		ug/kg	36.4	5.45	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	50.4		ug/kg	36.4	6.72	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	20.1	J	ug/kg	36.4	3.77	1	B
PCBs, Total	70.5	J	ug/kg	36.4	3.23	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03
Client ID: B-6 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:15
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/19/19 21:01
Analyst: WR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 05:54
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.5	3.24	1	A
Aroclor 1221	ND		ug/kg	36.5	3.65	1	A
Aroclor 1232	ND		ug/kg	36.5	7.73	1	A
Aroclor 1242	ND		ug/kg	36.5	4.92	1	A
Aroclor 1248	ND		ug/kg	36.5	5.47	1	A
Aroclor 1254	ND		ug/kg	36.5	3.99	1	A
Aroclor 1260	7.92	J	ug/kg	36.5	6.74	1	A
Aroclor 1262	ND		ug/kg	36.5	4.63	1	A
Aroclor 1268	4.66	J	ug/kg	36.5	3.78	1	B
PCBs, Total	12.6	J	ug/kg	36.5	3.24	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04
Client ID: B-6 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:20
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/19/19 21:14
Analyst: WR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 05:54
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	3.27	1	A
Aroclor 1221	ND		ug/kg	36.8	3.69	1	A
Aroclor 1232	ND		ug/kg	36.8	7.80	1	A
Aroclor 1242	ND		ug/kg	36.8	4.96	1	A
Aroclor 1248	ND		ug/kg	36.8	5.52	1	A
Aroclor 1254	ND		ug/kg	36.8	4.03	1	A
Aroclor 1260	ND		ug/kg	36.8	6.80	1	A
Aroclor 1262	ND		ug/kg	36.8	4.67	1	A
Aroclor 1268	ND		ug/kg	36.8	3.81	1	A
PCBs, Total	ND		ug/kg	36.8	3.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-08
Client ID: WOOD-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 11:30
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 06/21/19 16:37
Analyst: JM
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 06/20/19 20:06
Cleanup Method: EPA 3665A
Cleanup Date: 06/21/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	95.8	8.50	1	A
Aroclor 1221	ND		ug/kg	95.8	9.60	1	A
Aroclor 1232	ND		ug/kg	95.8	20.3	1	A
Aroclor 1242	ND		ug/kg	95.8	12.9	1	A
Aroclor 1248	87.8	J	ug/kg	95.8	14.4	1	B
Aroclor 1254	222		ug/kg	95.8	10.5	1	B
Aroclor 1260	ND		ug/kg	95.8	17.7	1	A
Aroclor 1262	ND		ug/kg	95.8	12.2	1	A
Aroclor 1268	ND		ug/kg	95.8	9.92	1	A
PCBs, Total	310	J	ug/kg	95.8	8.50	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	146		30-150	B

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09 D
Client ID: WOOD-2
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 12:00
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 06/20/19 11:59
Analyst: AWS
Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3540C
Extraction Date: 06/19/19 08:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	888	78.9	10	A
Aroclor 1221	ND		ug/kg	888	89.0	10	A
Aroclor 1232	ND		ug/kg	888	188.	10	A
Aroclor 1242	376	J	ug/kg	888	120.	10	B
Aroclor 1248	ND		ug/kg	888	133.	10	A
Aroclor 1254	304	J	ug/kg	888	97.2	10	A
Aroclor 1260	ND		ug/kg	888	164.	10	B
Aroclor 1262	ND		ug/kg	888	113.	10	A
Aroclor 1268	ND		ug/kg	888	92.0	10	A
PCBs, Total	680	J	ug/kg	888	78.9	10	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12
Client ID: S-12
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 14:15
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/19/19 21:26
Analyst: WR
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 05:54
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.0	3.82	1	A
Aroclor 1221	ND		ug/kg	43.0	4.31	1	A
Aroclor 1232	ND		ug/kg	43.0	9.12	1	A
Aroclor 1242	ND		ug/kg	43.0	5.80	1	A
Aroclor 1248	ND		ug/kg	43.0	6.45	1	A
Aroclor 1254	ND		ug/kg	43.0	4.71	1	A
Aroclor 1260	59.3		ug/kg	43.0	7.95	1	B
Aroclor 1262	ND		ug/kg	43.0	5.46	1	A
Aroclor 1268	ND		ug/kg	43.0	4.46	1	A
PCBs, Total	59.3		ug/kg	43.0	3.82	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13
Client ID: S-13
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 14:25
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/19/19 21:38
Analyst: WR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 05:55
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.1	3.38	1	A
Aroclor 1221	ND		ug/kg	38.1	3.81	1	A
Aroclor 1232	ND		ug/kg	38.1	8.07	1	A
Aroclor 1242	ND		ug/kg	38.1	5.13	1	A
Aroclor 1248	ND		ug/kg	38.1	5.71	1	A
Aroclor 1254	ND		ug/kg	38.1	4.16	1	A
Aroclor 1260	43.8		ug/kg	38.1	7.03	1	B
Aroclor 1262	ND		ug/kg	38.1	4.83	1	A
Aroclor 1268	ND		ug/kg	38.1	3.94	1	A
PCBs, Total	43.8		ug/kg	38.1	3.38	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/19/19 15:37
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 06/19/19 05:38
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04,12-13 Batch: WG1250219-1						
Aroclor 1016	ND		ug/kg	33.2	2.94	A
Aroclor 1221	ND		ug/kg	33.2	3.32	A
Aroclor 1232	ND		ug/kg	33.2	7.03	A
Aroclor 1242	ND		ug/kg	33.2	4.47	A
Aroclor 1248	ND		ug/kg	33.2	4.97	A
Aroclor 1254	ND		ug/kg	33.2	3.63	A
Aroclor 1260	ND		ug/kg	33.2	6.13	A
Aroclor 1262	ND		ug/kg	33.2	4.21	A
Aroclor 1268	ND		ug/kg	33.2	3.44	A
PCBs, Total	ND		ug/kg	33.2	2.94	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/20/19 11:46
Analyst: WR

Extraction Method: EPA 3540C
Extraction Date: 06/19/19 08:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09 Batch: WG1250279-1						
Aroclor 1016	ND		ug/kg	97.8	8.69	A
Aroclor 1221	ND		ug/kg	97.8	9.80	A
Aroclor 1232	ND		ug/kg	97.8	20.7	A
Aroclor 1242	ND		ug/kg	97.8	13.2	A
Aroclor 1248	ND		ug/kg	97.8	14.7	A
Aroclor 1254	ND		ug/kg	97.8	10.7	A
Aroclor 1260	ND		ug/kg	97.8	18.1	A
Aroclor 1262	ND		ug/kg	97.8	12.4	A
Aroclor 1268	ND		ug/kg	97.8	10.1	A
PCBs, Total	ND		ug/kg	97.8	8.69	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/21/19 15:58
Analyst: JM

Extraction Method: EPA 3540C
Extraction Date: 06/20/19 20:06
Cleanup Method: EPA 3665A
Cleanup Date: 06/21/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG1251166-1						
Aroclor 1016	ND		ug/kg	86.2	7.66	A
Aroclor 1221	ND		ug/kg	86.2	8.64	A
Aroclor 1232	ND		ug/kg	86.2	18.3	A
Aroclor 1242	ND		ug/kg	86.2	11.6	A
Aroclor 1248	ND		ug/kg	86.2	12.9	A
Aroclor 1254	ND		ug/kg	86.2	9.43	A
Aroclor 1260	ND		ug/kg	86.2	15.9	A
Aroclor 1262	ND		ug/kg	86.2	10.9	A
Aroclor 1268	ND		ug/kg	86.2	8.93	A
PCBs, Total	ND		ug/kg	86.2	7.66	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04,12-13 Batch: WG1250219-2 WG1250219-3									
Aroclor 1016	82		84		40-140	2		50	A
Aroclor 1260	78		80		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		87		30-150	A
Decachlorobiphenyl	76		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		84		30-150	B
Decachlorobiphenyl	85		82		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 Batch: WG1250279-2 WG1250279-3									
Aroclor 1016	80		76		40-140	5		50	A
Aroclor 1260	84		84		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		72		30-150	A
Decachlorobiphenyl	101		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		70		30-150	B
Decachlorobiphenyl	122		114		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG1251166-2 WG1251166-3									
Aroclor 1016	73		71		40-140	3		50	A
Aroclor 1260	69		67		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		70		30-150	A
Decachlorobiphenyl	82		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		72		30-150	B
Decachlorobiphenyl	87		82		30-150	B

METALS

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01
Client ID: B-5 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 89%

Date Collected: 06/18/19 08:35
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	10.7		mg/kg	2.19	0.167	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Arsenic, Total	9.90		mg/kg	0.439	0.091	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Beryllium, Total	0.426		mg/kg	0.219	0.015	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Cadmium, Total	0.079	J	mg/kg	0.439	0.043	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Chromium, Total	13.3		mg/kg	0.439	0.042	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Copper, Total	44.9		mg/kg	0.439	0.113	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Lead, Total	111		mg/kg	2.19	0.118	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Mercury, Total	0.786		mg/kg	0.086	0.056	1	06/19/19 11:46	06/19/19 13:19	EPA 7471B	1,7471B	GD
Nickel, Total	18.0		mg/kg	1.10	0.106	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.878	0.113	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.439	0.124	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Thallium, Total	0.176	J	mg/kg	0.878	0.138	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC
Zinc, Total	109		mg/kg	2.19	0.129	1	06/19/19 10:35	06/19/19 21:40	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02
Client ID: B-5 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 89%

Date Collected: 06/18/19 08:40
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	3.95		mg/kg	2.23	0.170	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Arsenic, Total	13.1		mg/kg	0.446	0.093	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Beryllium, Total	0.402		mg/kg	0.223	0.015	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Cadmium, Total	0.089	J	mg/kg	0.446	0.044	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Chromium, Total	13.4		mg/kg	0.446	0.043	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Copper, Total	57.3		mg/kg	0.446	0.115	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Lead, Total	104		mg/kg	2.23	0.120	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Mercury, Total	1.18		mg/kg	0.072	0.047	1	06/19/19 11:46	06/19/19 13:38	EPA 7471B	1,7471B	GD
Nickel, Total	17.2		mg/kg	1.12	0.108	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.893	0.115	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.446	0.126	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Thallium, Total	0.188	J	mg/kg	0.893	0.141	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC
Zinc, Total	140		mg/kg	2.23	0.131	1	06/19/19 10:35	06/19/19 23:00	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03
Client ID: B-6 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 90%

Date Collected: 06/18/19 09:15
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.83	J	mg/kg	2.14	0.163	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Arsenic, Total	6.58		mg/kg	0.429	0.089	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Beryllium, Total	0.352		mg/kg	0.214	0.014	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.429	0.042	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Chromium, Total	12.4		mg/kg	0.429	0.041	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Copper, Total	34.0		mg/kg	0.429	0.111	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Lead, Total	35.2		mg/kg	2.14	0.115	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Mercury, Total	1.29		mg/kg	0.078	0.051	1	06/19/19 11:46	06/19/19 13:40	EPA 7471B	1,7471B	GD
Nickel, Total	16.3		mg/kg	1.07	0.104	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.858	0.111	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.429	0.121	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.858	0.135	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC
Zinc, Total	72.7		mg/kg	2.14	0.126	1	06/19/19 10:35	06/19/19 23:17	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04 Date Collected: 06/18/19 09:20

Client ID: B-6 (8-10') Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.48	J	mg/kg	2.16	0.164	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Arsenic, Total	6.33		mg/kg	0.432	0.090	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Beryllium, Total	0.428		mg/kg	0.216	0.014	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.432	0.042	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Chromium, Total	12.7		mg/kg	0.432	0.041	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Copper, Total	24.7		mg/kg	0.432	0.111	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Lead, Total	16.9		mg/kg	2.16	0.116	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Mercury, Total	0.164		mg/kg	0.075	0.049	1	06/19/19 11:46	06/19/19 13:41	EPA 7471B	1,7471B	GD
Nickel, Total	17.2		mg/kg	1.08	0.104	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.864	0.111	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.432	0.122	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.864	0.136	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC
Zinc, Total	56.4		mg/kg	2.16	0.126	1	06/19/19 10:35	06/19/19 23:21	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05
Client ID: B-7 (0-2.5')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 83%

Date Collected: 06/18/19 09:40
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	2.42		mg/kg	2.30	0.175	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Arsenic, Total	7.53		mg/kg	0.460	0.096	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Beryllium, Total	0.350		mg/kg	0.230	0.015	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.460	0.045	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Chromium, Total	9.96		mg/kg	0.460	0.044	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Copper, Total	53.1		mg/kg	0.460	0.119	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Lead, Total	78.6		mg/kg	2.30	0.123	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Mercury, Total	0.081		mg/kg	0.078	0.051	1	06/19/19 11:46	06/19/19 13:43	EPA 7471B	1,7471B	GD
Nickel, Total	13.1		mg/kg	1.15	0.111	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.920	0.119	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.460	0.130	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.920	0.145	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC
Zinc, Total	69.4		mg/kg	2.30	0.135	1	06/19/19 10:35	06/19/19 23:26	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06
Client ID: B-7 (2.5-5')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 83%

Date Collected: 06/18/19 09:45
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	2.97		mg/kg	2.28	0.173	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Arsenic, Total	4.85		mg/kg	0.455	0.095	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Beryllium, Total	0.410		mg/kg	0.228	0.015	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.455	0.045	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Chromium, Total	12.2		mg/kg	0.455	0.044	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Copper, Total	38.1		mg/kg	0.455	0.117	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Lead, Total	29.6		mg/kg	2.28	0.122	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Mercury, Total	0.782		mg/kg	0.081	0.053	1	06/19/19 11:46	06/19/19 13:45	EPA 7471B	1,7471B	GD
Nickel, Total	16.2		mg/kg	1.14	0.110	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.911	0.117	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.455	0.129	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.911	0.143	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC
Zinc, Total	150		mg/kg	2.28	0.133	1	06/19/19 10:35	06/19/19 23:30	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07
Client ID: B-7 (5-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 83%

Date Collected: 06/18/19 09:50
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.15	J	mg/kg	2.30	0.175	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Arsenic, Total	5.70		mg/kg	0.461	0.096	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Beryllium, Total	0.341		mg/kg	0.230	0.015	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.461	0.045	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Chromium, Total	10.7		mg/kg	0.461	0.044	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Copper, Total	27.1		mg/kg	0.461	0.119	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Lead, Total	23.7		mg/kg	2.30	0.123	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Mercury, Total	0.073	J	mg/kg	0.088	0.058	1	06/19/19 11:46	06/19/19 13:47	EPA 7471B	1,7471B	GD
Nickel, Total	12.9		mg/kg	1.15	0.112	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.922	0.119	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.461	0.130	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.922	0.145	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC
Zinc, Total	46.4		mg/kg	2.30	0.135	1	06/19/19 10:35	06/19/19 23:34	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-09
Client ID: WOOD-2
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Solid
Percent Solids: Results are reported on an 'AS RECEIVED' basis.

Date Collected: 06/18/19 12:00
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	1.98	0.150	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Arsenic, Total	0.341	J	mg/kg	0.396	0.082	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.198	0.013	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.396	0.039	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Chromium, Total	0.273	J	mg/kg	0.396	0.038	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Copper, Total	1.52		mg/kg	0.396	0.102	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Lead, Total	6.65		mg/kg	1.98	0.106	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.080	0.052	1	06/19/19 11:46	06/19/19 13:49	EPA 7471B	1,7471B	GD
Nickel, Total	0.107	J	mg/kg	0.990	0.096	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Selenium, Total	0.123	J	mg/kg	0.792	0.102	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.396	0.112	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	0.792	0.125	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB
Zinc, Total	4.99		mg/kg	1.98	0.116	1	06/19/19 20:22	06/20/19 01:30	EPA 3050B	1,6010D	AB

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10
Client ID: CB-4
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Sediment
Percent Solids: 84%

Date Collected: 06/18/19 13:35
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	2.43		mg/kg	2.35	0.179	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Arsenic, Total	8.18		mg/kg	0.471	0.098	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Beryllium, Total	0.179	J	mg/kg	0.235	0.016	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Cadmium, Total	0.198	J	mg/kg	0.471	0.046	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Chromium, Total	7.11		mg/kg	0.471	0.045	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Copper, Total	26.8		mg/kg	0.471	0.122	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Lead, Total	16.8		mg/kg	2.35	0.126	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Mercury, Total	0.124		mg/kg	0.088	0.058	1	06/19/19 11:46	06/19/19 13:51	EPA 7471B	1,7471B	GD
Nickel, Total	8.75		mg/kg	1.18	0.114	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.942	0.122	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.471	0.133	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.942	0.148	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC
Zinc, Total	81.6		mg/kg	2.35	0.138	1	06/19/19 10:35	06/19/19 23:38	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11
Client ID: CB-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Sediment
Percent Solids: 80%

Date Collected: 06/18/19 13:20
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.63	J	mg/kg	2.49	0.189	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Arsenic, Total	5.22		mg/kg	0.498	0.104	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Beryllium, Total	0.279		mg/kg	0.249	0.016	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Cadmium, Total	0.279	J	mg/kg	0.498	0.049	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Chromium, Total	10.3		mg/kg	0.498	0.048	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Copper, Total	21.6		mg/kg	0.498	0.128	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Lead, Total	33.1		mg/kg	2.49	0.133	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.082	0.054	1	06/19/19 11:46	06/19/19 13:53	EPA 7471B	1,7471B	GD
Nickel, Total	13.1		mg/kg	1.24	0.120	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	0.996	0.128	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.498	0.141	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	0.996	0.157	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC
Zinc, Total	81.8		mg/kg	2.49	0.146	1	06/19/19 10:35	06/19/19 23:42	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12
Client ID: S-12
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 77%

Date Collected: 06/18/19 14:15
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	6.76		mg/kg	2.56	0.195	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Arsenic, Total	18.2		mg/kg	0.512	0.106	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Beryllium, Total	0.512		mg/kg	0.256	0.017	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Cadmium, Total	0.097	J	mg/kg	0.512	0.050	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Chromium, Total	11.8		mg/kg	0.512	0.049	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Copper, Total	115		mg/kg	0.512	0.132	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Lead, Total	226		mg/kg	2.56	0.137	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Mercury, Total	0.477		mg/kg	0.095	0.062	1	06/19/19 11:46	06/19/19 13:58	EPA 7471B	1,7471B	GD
Nickel, Total	18.0		mg/kg	1.28	0.124	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.02	0.132	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Silver, Total	0.159	J	mg/kg	0.512	0.145	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Thallium, Total	0.277	J	mg/kg	1.02	0.161	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC
Zinc, Total	113		mg/kg	2.56	0.150	1	06/19/19 10:35	06/19/19 23:47	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON
Lab Number: L1926371
Project Number: 19009EGP
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13
Client ID: S-13
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Percent Solids: 84%

Date Collected: 06/18/19 14:25
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	1.77	J	mg/kg	2.34	0.178	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Arsenic, Total	220		mg/kg	0.469	0.098	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Beryllium, Total	0.872		mg/kg	0.234	0.016	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Cadmium, Total	0.797		mg/kg	0.469	0.046	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Chromium, Total	19.3		mg/kg	0.469	0.045	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Copper, Total	83.9		mg/kg	0.469	0.121	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Lead, Total	38.5		mg/kg	2.34	0.126	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Mercury, Total	1.38		mg/kg	0.093	0.061	1	06/19/19 11:46	06/19/19 14:00	EPA 7471B	1,7471B	GD
Nickel, Total	294		mg/kg	1.17	0.113	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Selenium, Total	2.61		mg/kg	0.938	0.121	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.469	0.133	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Thallium, Total	1.75		mg/kg	0.938	0.148	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC
Zinc, Total	685		mg/kg	2.34	0.137	1	06/19/19 10:35	06/19/19 23:51	EPA 3050B	1,6010D	LC

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14 Date Collected: 06/18/19 14:50

Client ID: DRUM-1 Date Received: 06/18/19

Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY Field Prep: Not Specified

Sample Depth:

Matrix: Solid

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.11	0.160	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Arsenic, Total	0.645		mg/kg	0.422	0.088	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.211	0.014	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Cadmium, Total	0.105	J	mg/kg	0.422	0.041	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Chromium, Total	4.15		mg/kg	0.422	0.041	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Copper, Total	4.16		mg/kg	0.422	0.109	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Lead, Total	386		mg/kg	2.11	0.113	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.085	0.055	1	06/19/19 11:46	06/19/19 14:02	EPA 7471B	1,7471B	GD
Nickel, Total	1.35		mg/kg	1.05	0.102	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Selenium, Total	0.439	J	mg/kg	0.844	0.109	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.422	0.119	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	0.844	0.133	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB
Zinc, Total	124		mg/kg	2.11	0.124	1	06/19/19 20:22	06/20/19 01:35	EPA 3050B	1,6010D	AB

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07,10-13 Batch: WG1250358-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/19/19 10:35	06/19/19 14:36	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07,09-14 Batch: WG1250401-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/19/19 11:46	06/19/19 13:13	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09,14 Batch: WG1250593-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB

Project Name: HVP-CASTLETON **Lab Number:** L1926371

Project Number: 19009EGP **Report Date:** 06/21/19

Method Blank Analysis
Batch Quality Control

Chromium, Total	ND	mg/kg	0.400	0.038	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Copper, Total	ND	mg/kg	0.400	0.103	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Lead, Total	ND	mg/kg	2.00	0.107	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Nickel, Total	ND	mg/kg	1.00	0.097	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Selenium, Total	ND	mg/kg	0.800	0.103	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Silver, Total	ND	mg/kg	0.400	0.113	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Thallium, Total	ND	mg/kg	0.800	0.126	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB
Zinc, Total	ND	mg/kg	2.00	0.117	1	06/19/19 20:22	06/19/19 22:50	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,10-13 Batch: WG1250358-2 SRM Lot Number: D105-540								
Antimony, Total	160		-		19-249	-		
Arsenic, Total	96		-		70-130	-		
Beryllium, Total	97		-		75-125	-		
Cadmium, Total	91		-		75-125	-		
Chromium, Total	88		-		70-130	-		
Copper, Total	85		-		75-125	-		
Lead, Total	91		-		71-128	-		
Nickel, Total	91		-		70-131	-		
Selenium, Total	91		-		63-137	-		
Silver, Total	90		-		69-131	-		
Thallium, Total	90		-		68-132	-		
Zinc, Total	92		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-07,09-14 Batch: WG1250401-2 SRM Lot Number: D105-540								
Mercury, Total	99		-		60-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,14 Batch: WG1250593-2 SRM Lot Number: D105-540					
Antimony, Total	182	-	19-249	-	
Arsenic, Total	108	-	70-130	-	
Beryllium, Total	88	-	75-125	-	
Cadmium, Total	93	-	75-125	-	
Chromium, Total	90	-	70-130	-	
Copper, Total	95	-	75-125	-	
Lead, Total	98	-	71-128	-	
Nickel, Total	97	-	70-131	-	
Selenium, Total	102	-	63-137	-	
Silver, Total	94	-	69-131	-	
Thallium, Total	99	-	68-132	-	
Zinc, Total	98	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,10-13 QC Batch ID: WG1250358-3 QC Sample: L1926258-05 Client ID: MS Sample												
Antimony, Total	2.97	52.5	49.6	89		-	-		75-125	-		20
Arsenic, Total	7.77	12.6	23.5	125		-	-		75-125	-		20
Beryllium, Total	0.192J	5.25	5.30	101		-	-		75-125	-		20
Cadmium, Total	ND	5.35	4.94	92		-	-		75-125	-		20
Chromium, Total	8.40	21	35.6	**130**	Q	-	-		75-125	-		20
Copper, Total	44.0	26.2	45.8	**7**	Q	-	-		75-125	-		20
Lead, Total	99.4	53.5	127	**52**	Q	-	-		75-125	-		20
Nickel, Total	5.10	52.5	52.7	91		-	-		75-125	-		20
Selenium, Total	ND	12.6	11.5	91		-	-		75-125	-		20
Silver, Total	1.00	31.5	31.2	96		-	-		75-125	-		20
Thallium, Total	0.261J	12.6	9.96	79		-	-		75-125	-		20
Zinc, Total	67.4	52.5	121	102		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-07,09-14 QC Batch ID: WG1250401-3 QC Sample: L1926371-01 Client ID: B-5 (0-2')												
Mercury, Total	0.786	0.179	0.994	116		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,14 QC Batch ID: WG1250593-3 QC Sample: L1924709-01 Client ID: MS Sample										
Antimony, Total	6.05	51.5	54.0	93		-	-	75-125	-	20
Arsenic, Total	7.00	12.4	20.4	108		-	-	75-125	-	20
Beryllium, Total	0.352J	5.15	5.25	102		-	-	75-125	-	20
Cadmium, Total	0.575J	5.25	5.36	102		-	-	75-125	-	20
Chromium, Total	12.9	20.6	30.8	87		-	-	75-125	-	20
Copper, Total	100	25.7	165	**252**	Q	-	-	75-125	-	20
Lead, Total	127	52.5	235	**206**	Q	-	-	75-125	-	20
Nickel, Total	16.7	51.5	60.0	84		-	-	75-125	-	20
Selenium, Total	0.511J	12.4	13.2	107		-	-	75-125	-	20
Silver, Total	ND	30.9	30.6	99		-	-	75-125	-	20
Thallium, Total	ND	12.4	10.2	82		-	-	75-125	-	20
Zinc, Total	109	51.5	196	**169**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,10-13 QC Batch ID: WG1250358-4 QC Sample: L1926258-05 Client ID: DUP Sample						
Arsenic, Total	7.77	13.3	mg/kg	**52**	Q	20
Cadmium, Total	ND	0.159J	mg/kg	NC		20
Chromium, Total	8.40	7.74	mg/kg	8		20
Lead, Total	99.4	99.5	mg/kg	0		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	1.00	0.561	mg/kg	**56**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-07,09-14 QC Batch ID: WG1250401-4 QC Sample: L1926371-01 Client ID: B-5 (0-2')						
Mercury, Total	0.786	0.630	mg/kg	**22**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,14 QC Batch ID: WG1250593-4 QC Sample: L1924709-01 Client ID: DUP Sample					
Antimony, Total	6.05	1.57J	mg/kg	NC	20
Arsenic, Total	7.00	6.22	mg/kg	12	20
Beryllium, Total	0.352J	0.519J	mg/kg	NC	20
Cadmium, Total	0.575J	0.550J	mg/kg	NC	20
Chromium, Total	12.9	12.2	mg/kg	6	20
Copper, Total	100	108	mg/kg	8	20
Lead, Total	127	130	mg/kg	2	20
Nickel, Total	16.7	15.0	mg/kg	11	20
Selenium, Total	0.511J	0.487J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Thallium, Total	ND	ND	mg/kg	NC	20
Zinc, Total	109	89.6	mg/kg	20	20

INORGANICS
&
MISCELLANEOUS

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-01
Client ID: B-5 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 08:35
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-02
Client ID: B-5 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 08:40
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-03
Client ID: B-6 (0-2')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:15
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-04
Client ID: B-6 (8-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 09:20
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-05
Client ID: B-7 (0-2.5')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 09:40
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-06
Client ID: B-7 (2.5-5')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 09:45
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-07
Client ID: B-7 (5-10')
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 09:50
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-10
Client ID: CB-4
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 13:35
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-11
Client ID: CB-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY

Date Collected: 06/18/19 13:20
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Sediment

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-12
Client ID: S-12
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 14:15
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-13
Client ID: S-13
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 14:25
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Project Name: HVP-CASTLETON
Project Number: 19009EGP
Lab Number: L1926371
Report Date: 06/21/19

SAMPLE RESULTS

Lab ID: L1926371-14
Client ID: DRUM-1
Sample Location: 1900 RIVER RD., CASTLETON-ON-HUDSON, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/18/19 14:50
Date Received: 06/18/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	06/19/19 04:14	121,2540G	YA

Lab Duplicate Analysis

Batch Quality Control

Project Name: HVP-CASTLETON

Project Number: 19009EGP

Lab Number: L1926371

Report Date: 06/21/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07,10-14 QC Batch ID: WG1250197-1 QC Sample: L1926241-01 Client ID: DUP Sample						
Solids, Total	74.0	75.5	%	2		20

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1926371-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-01C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1926371-01X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-01Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-01Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-02B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-02C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1926371-02X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-02Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-02Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-03B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-03C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1926371-03X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-03Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-03Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1926371-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-04B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-04C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1926371-04X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-04Y	Vial Water preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-04Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-05B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-05C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L1926371-05X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-05Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-05Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-06B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-06C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L1926371-06X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-06Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-06Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-07B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-07C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L1926371-07X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-07Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1926371-07Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-08A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8082-3540C(14)
L1926371-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-09B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-09C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8082-3540C(14)
L1926371-09X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-09Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-09Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-10B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-10C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L1926371-10X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-10Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-10Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-11B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-11C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L1926371-11X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-11Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-11Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-12B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-12C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: HVP-CASTLETON
Project Number: 19009EGP

Lab Number: L1926371
Report Date: 06/21/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1926371-12X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-12Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-12Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-13B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-13C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1926371-13X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-13Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-13Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-14A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1926371-14B	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-14C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L1926371-14X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L1926371-14X1	Vial MeOH preserved split	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L1926371-14Y	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)
L1926371-14Z	Vial Water preserved split	A	NA		3.4	Y	Absent	19-JUN-19 05:41	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	HVP-CASTLETON	**Lab Number:**	L1926371
Project Number:	19009EGP	**Report Date:**	06/21/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	HVP-CASTLETON	**Lab Number:**	L1926371
Project Number:	19009EGP	**Report Date:**	06/21/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	HVP-CASTLETON	**Lab Number:**	L1926371
Project Number:	19009EGP	**Report Date:**	06/21/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab: 6/19/19

ALPHA Job #: L1926371

Client Information
Client: Greystone Engineering
Address: 9 Bluebird Ct Saratoga Springs, NY 12866
Phone: 518 378-3512
Fax:
Email: bjacot@greystone-eng.com

Project Information
Project Name: HVP - Castleton
Project Location: 1900 River Road Castleton-on-Hudson NY
Project #: 19009EGP
(Use Project name as Project #)
Project Manager: Scott Bryant
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 6/19/19 COB
Rush (only if pre approved) ☑ # of Days: 24 hr

Deliverables
☑ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO # 19009EGP

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	PCBs	PP Metals	Sample Specific Comments	Total Bottle
26371-01	B-5 (0-2')	6/18/19	0835	SOIL	SKB	✓	✓	✓	✓		
-02	B-5 (8-10')		0840								
-03	B-6 (0-2')		0915								
-04	B-6 (8-10')		0920								
-05	B-7 (0-2.5')		0940							HOLD PCBs	
-06	B-7 (2.5-5')		0945								
-07	B-7 (5-10')		0950								
-08	WOOD-1		1130								
-09	WOOD-2		1200			✓	✓	✓	✓		
-10	CB-4		1320	SED		✓	✓	✓	✓	HOLD PCBs	

Container Type: G 40z | G 80z | G 80z | G 20z
Preservative: A | A | A | A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Scott R Bryant	6/18/19 15:50		6/18/19 15:50
	6/18/19 16:39		6/19/19 0840

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 6/19/19

ALPHA Job #: L1926371

Client Information
Client:
Address: SAME
Phone:
Fax:
Email:

Project Information
Project Name: HVP-CASTLETON
Project Location:
Project #
(Use Project name as Project #) ☐ SAME
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐
Rush (only if pre approved) ☑
Due Date: 6/19/19 COB
# of Days: 24 HR

Deliverables
☑ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO # 19009EGP

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
* CONTENTS OF FIBERDRUM

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	PCBs	PP Metals	Sample Specific Comments	Total Bottle
26571-11	CB-1	6/18/19	1335	SED	SKB	✓	✓	✓	✓	HOLD PCBs	
-12	S-12	"	1415	SOIL	"	"	"	"	"		
-13	S-13	"	1425	SOIL	"	"	"	"	"		
-14	DRUM-1	"	1450	SOIL*	"	"	"	"	"	HOLD PCBs	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	G 4oz	G 8oz	C 8oz	C 2oz	
Preservative	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
Scott K Bay	6/18/19 15:50		6/18/19 15:50
	6/18/19 16:39		6/19/19 0820

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)