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June 12, 2017
Empire Project No. BEV-17-007

Southern Tier Environments for Living
715 Central Avenue
Dunkirk, New York 14048

Attention: Mr. Steven Ald

Telephone: 716-366-7792, Extension: 202
Email: alds@stel.org

Reference: Phase II Environmental Subsurface Investigation
Former Industrial Facility
31 Water Street
Jamestown, New York

Dear Mr. Ald:

Empire GeoServices, Inc. (Empire) is pleased to provide Southern Tier Environments for Living (STEL) our summary report for the Phase II environmental subsurface investigation completed at the referenced site. The investigation was authorized STEL and completed in general accordance with our proposal PBEV-17-013. A site location plan is presented as Figure No. 1 in Attachment A.

BACKGROUND

Panamerican Environmental, Inc. (PEI) / Brydges-E3 completed a Phase I Environmental Site Assessment (ESA) on the referenced property in February 2017. The findings of the assessment indicated multiple ASTM E1527-13 recognized environmental conditions: historical industrial activities on the site and adjoining properties; a former fuel oil underground storage tank; a former aboveground storage tank used to store solvents; 2 buried concrete tanks used for storage of chemical waste, and an electrical transformer that may contain PCB-containing insulating oil. The Phase I ESA report also indicated the potential for vapor intrusion on the subject property.

The purpose of this Phase II Environmental Subsurface Investigation was to assess current subsurface conditions with regard to these items

DIRECT PUSH SOIL BORINGS and SURFACE SOIL SAMPLE

The Phase II Environmental Subsurface Investigation was completed by Empire on April 24, 2017 through April 28, 2017 and included the advancement of thirty six direct push soil borings designated B-1 through B-36 and one surface soil sample, S-1. The locations of the direct push borings and the surface soil sample are illustrated on Figure No. 2 presented in Attachment A.

A track mounted Geoprobe® 6620DT direct push rig was used to advance the soil borings in general accordance with ASTM Standard D6282, Standard Guide for Direct Push Soil Sampling for Environmental Site Characterization. Continuous soil samples were collected at each boring location from ground surface to termination depth using a Geoprobe® macro-core (MC) soil sampler. The MC sampler recovers a 1.5 diameter soil sample with a maximum length of 48 inches. The sampler is fitted with a clear polyvinyl chloride (PVC) liner and a removable cutting shoe. The liners are replaced after each sample collection. The MC sampler and cutting shoe were decontaminated between sampling intervals and boring locations to minimize the potential for cross contamination. The borings were completed under the direction of an Empire environmental geologist.

Borings B-1, B-2, and B-3 were located inside one of the onsite buildings, near the suspected location of the buried concrete tanks mentioned in the Phase I report by Panamerican and Brydges-E3. Borings B-9 through B-14 were located near the suspected area of a former fuel oil UST. Borings B-4 and B-5 were located adjacent to the suspected location of the AST previously used to store solvents. Borings B-17, B-29, B-30, B-31, B-34, and B-36 were located on the bank of the adjacent Chadakoin River. The remaining borings were located to assess other areas of the site with regard to its industrial history.

SUBSURFACE CONDITIONS

A total of 104 soil samples were recovered from the thirty six direct push soil borings. Borings B-1 through B-3 were advanced to a depth of 16 feet. Borings B-16 and B-17 were terminated at a depth of 8 feet. Due to the presence of an underground storage tank at B-6 and Geoprobe® refusal at B-9 and B-15, these borings were completed at less than 6 feet below grade. The remaining borings were advanced to a depth of 12 feet.

The soil samples were visually classified by the Empire environmental geologist who prepared subsurface boring logs for each location. The logs are presented in Attachment B. In general, soils recovered from the direct push borings generally consisted of gravel and sand fills overlying native sand, gravel, silty clay and clayey silt deposits. The fill material ranged in thickness from approximately 3 feet at B-5 to approximately 8 feet at B-29. Industrial material such as cinders, brick, glass, slag and coal were identified in trace amounts in the gravel and sand fills at various locations.

The Geoprobe® 6620DT operator noted that the macro-core sampler was driven through possible tree trunks at boring locations B-18, B-19, B-29, B-30, B-34 and B-35. These borings were located on the northern portion of the site, along the south bank of the Chadakoin River.

The recovered samples at these boring locations included wood fragments (possible tree, trunk, thick branch, etc.) along with fill and native soils.

ENVIRONMENTAL SCREENING

The Empire geologist screened the recovered soils with a MiniRAE Lite photoionization detector (PID). The PID is capable of detecting volatile organic vapor concentrations at a practical threshold of 1.0 part per million (ppm). The geologist also inspected the soils for evidence of environmental degradation (i.e. discoloration, staining, odors, etc.). Elevated PID measurements or evidence of environmental degradation are summarized on following table.

Environmental Screening Observations	
Direct Push Boring Location	**Comments**
B-1	Elevated PID Measurements from 12 to 16 feet
B-3	Elevated PID Measurements from 12 to 13.5 feet
B-4	Slight fuel oil-like odor and petroleum-like sheen noted at 7 feet
B-6	Underground storage tank
B-31	Slight discoloration of clay from 8 to 8.5 feet

PID measurements are recorded and presented on the subsurface logs.

The underground storage tank encountered at B-6 is approximately 4.5 feet in diameter, based on measurements using a weighted tape through the hole made by the macro-core sampler. Elevated PID measurements were not detected at the tank opening.

SOIL SAMPLES FOR LABORATORY ANALYSIS

Empire submitted 10 subsurface soil samples and one surface soil sample for laboratory analysis. The samples were selected based on field observations, and also to obtain subsurface data from several areas of the site. Sampling locations and corresponding sampling depths are summarized on the following table. The surface soil sample was collected adjacent to the onsite electrical transformer.

Sampling Locations and Depths	
Direct Push Boring Location	**Depth**
B-1	12 to 16 feet
B-4	6 to 9 feet
B-7	4 to 8 feet
B-11	2 to 6 feet
B-18	0.5 to 4 feet
B-20	2 to 6 feet
B-22	0.5 to 4 feet
B-28	0.5 to 4 feet
B-29	4 to 8 feet
B-34	2 to 5 feet
S-1	surface sample

The soil samples for laboratory analysis were placed into pre-cleaned glass containers, labeled with the date, time, location of project, and placed in an iced cooler at approximately 4 degrees Celsius for transport to Alpha Analytical located in Westborough, Massachusetts. Alpha Analytical is a New York State Department of Health (NYSDOH) certified laboratory. Chain-of-custody documentation was maintained with the samples.

ANALTYICAL TESTING and RESULTS

The 10 submitted soil samples collected from the direct push boring locations were analyzed by EPA Test Method 8260 for Target Compound List (TCL) volatile organic compounds (VOCs), by EPA Test Method 8270 for TCL semi-volatile organic compounds (SVOCS), Target Analyte List (TAL) metals including mercury per EPA Test Methods 6010 and 7471, and Polychlorinated Biphenyls (PCBs) by EPA Test Method 8082.

The surface soil sample was only analyzed for PCBs.

Current site use is Restricted Residential per 6NYCRR Part 375, and future, planned site use is Residential. Therefore the lab results are compared to the Soil Cleanup Objectives (SCOs) for Residential and Restricted Residential site use in 6NYCRR Part 375, Environmental Remediation Programs, Subpart 375-1 to 375-4 & 375-6, effective December 14, 2006.

The detected compounds are summarized on the following tables presented in Attachment C.

- Table No. 1- VOCs and SVOCs
- Table No. 2- Metals and PCBs

Alpha's analytical report is presented in Attachment D.

Volatile Organic Compounds

VOCs were detected in each of the 10 submitted soil samples at concentrations less than the respective Residential Soil Cleanup Objectives (RSCOs). VOC concentrations exceeding the RSCOs were obtained in the following sample:

Boring	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-18	Trichloroethene	56	10	21
	Vinyl Chloride	0.41	0.21	0.9

Concentrations reported in parts per million

Semi-Volatile Organic Compounds

SVOCs were detected in 9 of the 10 submitted soil samples at concentrations less than the respective RSCOs. SVOC concentrations exceeding the RSCOs were obtained in the following samples:

Boring	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-22	Benzo(a)anthracene	7.2	1	1
	Benzo(a)pyrene	6.6	1	1
	Benzo(b)fluoranthene	8.5	1	1
	Benzo(k)fluoranthene	3.7	1	3.9
	Chrysene	8.8	1	3.9
	Dibenzo(a,h)anthracene	1	0.33	0.33
	Indeno(1,2,3-cd)pyrene	5.3	0.5	0.5

Boring	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-28	Benzo(a)anthracene	1.3	1	1
	Benzo(a)pyrene	1.1	1	1
	Benzo(b)fluoranthene	1.4	1	1
	Chrysene	1.3	1	3.9
	Dibenzo(a,h)anthracene	1	0.33	0.33
	Indeno(1,2,3-cd)pyrene	0.64	0.5	0.5

Boring	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-29	Benzo(a)anthracene	3.4	1	1
	Benzo(a)pyrene	3.1	1	1
	Benzo(b)fluoranthene	3.8	1	1
	Benzo(k)fluoranthene	1.3	1	3.9
	Chrysene	3.2	1	3.9
	Dibenzo(a,h)anthracene	0.43	0.33	0.33
	Indeno(1,2,3-cd)pyrene	1.7	0.5	0.5

Boring	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-34	Benzo(a)anthracene	2.8	1	1
	Benzo(a)pyrene	2.6	1	1
	Benzo(b)fluoranthene	3.1	1	1
	Benzo(k)fluoranthene	1	1	3.9
	Chrysene	2.5	1	3.9
	Indeno(1,2,3-cd)pyrene	1.4	0.5	0.5

Concentrations reported in parts per million

Metals

Metals were detected in each of the 10 submitted soil samples at concentrations less than the respective RSCOs. Metal concentrations exceeding the RSCOs were obtained in the following samples:

Boring	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-4	Arsenic	76	16	16
	Cadmium	19	2.5	4.3
	Chromium	770	30	110
	Copper	3,100	270	270
	Nickel	420	140	310

Borings	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-7	Arsenic	94	16	16
	Chromium	550	30	110
B-11	Arsenic	22	16	16
B-18	Arsenic	62	16	16
	Copper	2,000	270	270
	Zinc	2,200	2,200	10,000
B-20	Arsenic	16	16	16
	Chromium	72	22	110

Borings	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-22	Barium	760	350	400
	Lead	1300	400	400
B-28	Chromium	41	30	110
	Copper	320	270	270
B-29	Copper	270	270	270
B-34	Arsenic	18	16	16
	Cadmium	3	2.5	4.3
	Copper	410	270	270

Concentrations reported in parts per million

PCBs

Polychlorinated biphenyls were detected in 6 of the 11 soil samples at concentrations less than the respective RSCOs. PCB concentrations exceeding the RSCOs were obtained in the following samples:

Borings	Compound	Detected Concentration	RSCOs	Restricted RSCOs
B-18	Aroclor 1248	39.6	1	1
	Aroclor 1254	30.3	1	1
	Aroclor 1260	3.06	1	1
	Total PCBs	73	1	1
B-29	Aroclor 1248	1.74	1	1
	Total PCBs	1.74	1	1
S-1	Aroclor 1248	297	1	1
	Total PCBs	297	1	1

Concentrations reported in parts per million

CONCLUSIONS

The Phase II Environmental Subsurface Investigation completed by Empire from on April 24 - 28, 2017 at 31 Water Street in the City of Jamestown, New York indicated the following:

- VOCs were detected in each of the 10 submitted soil samples at concentrations less than the respective Residential Soil Cleanup Objectives (RSCOs). Two VOC concentrations exceeding the RSCOs were obtained in the soil sample from boring B-18.

- SVOCs were detected in 9 of the 10 submitted soil samples at concentrations less than the respective RSCOs. SVOC concentrations were detected in soil samples from borings B-22, B-28, B-29, and B-34 in the sand and gravel fill material at concentrations exceeding the respective NYSDEC 6NYCRR Part 375 Residential Soil Cleanup Objectives and/or restricted Residential Soil Cleanup Objectives.

- Metals were detected in each of the 10 submitted soil samples at concentrations less than the respective RSCOs. Metals were detected at concentrations exceeding the respective NYSDEC 6NYCRR Part 375 Residential Soil Cleanup Objectives and/or Restricted Residential Soil Cleanup Objectives in the fill material and/or native soils at boring locations B-4, B-7, B-11, B-18, B-20, B-22, B-28, B-29, and B-34.

- Polychlorinated biphenyls (PCBs) were detected in 6 of the 11 soil samples at concentrations less than the respective RSCOs. PCBs were detected in the fill material at boring locations B-18, B-29, and B-34, and surface sample S-1 at concentrations exceeding the NYSDEC 6NYCRR Part 375 Residential Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives.

- An unregistered underground storage tank was encountered at boring location B-6. Fuel oil-like odors and a slight petroleum sheen were also encountered on the soils recovered from nearby boring B-4, but the lab results were below applicable cleanup levels.

RECs in Previous Phase I ESA Report

Empire makes the following conclusions regarding the recognized environmental conditions (RECs) identified in the Phase I ESA report completed by Panamerican Environmental, Inc. (PEI) / Brydges-E3 in February, 2017.

Historic Industrial Site Use

In Empire's opinion, the detected concentrations of VOCs, SVOCs, metals, and PCBs discussed above, including multiple exceedances of 6NYCRR Part 375 SCOs for Residential and Restricted site use, are a result of the site's industrial history.

Former Fuel Oil UST

Empire's Phase II investigation did not find evidence of subsurface petroleum impacts from a former fuel oil underground storage tank (UST) that was believed to have been located near the former boiler house.

Former Solvent AST

Empire's subsurface investigation did not find evidence of subsurface impacts from a former aboveground storage tank (AST) used for solvents that appears to have previously been located near the northeast corner of the building.

Buried Concrete Tanks

Empire's subsurface investigation did not find evidence of subsurface impacts from former concrete tanks used for waste chemicals that appear to have previously been located inside the northeast corner of the building.

Electrical Transformer

Although the onsite electrical transformer does not currently contain PCB oil, the surface soil sample (S-1) collected adjacent to the transformer and a soil sample from nearby test boring (B-18) each encountered significant PCB impacts in surface and subsurface soil.

General

Based on the findings of this Phase II environmental investigation, it is Empire’s opinion that further investigation and remediation of onsite soils is warranted.

CLOSING

This project and report have been completed for Southern Tier Environments for Living in accordance with generally accepted environmental practices. Empire appreciates the opportunity to provide these services. If you have any questions or we can provide further assistance, please contact our office at 716-649-8110.

Respectfully submitted,
EMPIRE GEOSERVICES, INC.

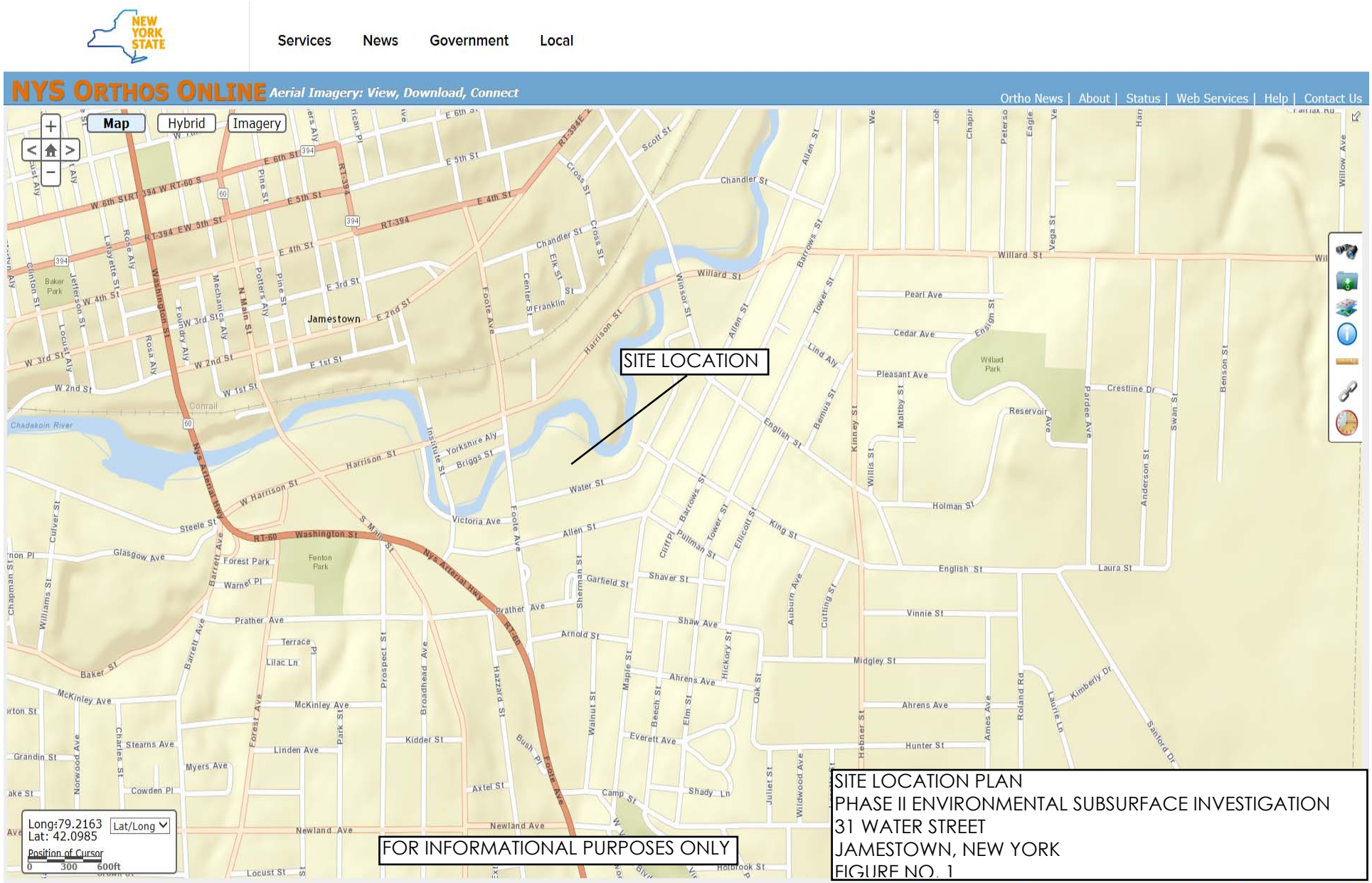
Stephen J. Bochenek
Environmental Geologist

David R. Steiner
Senior Engineering Geologist
Environmental Services Manager

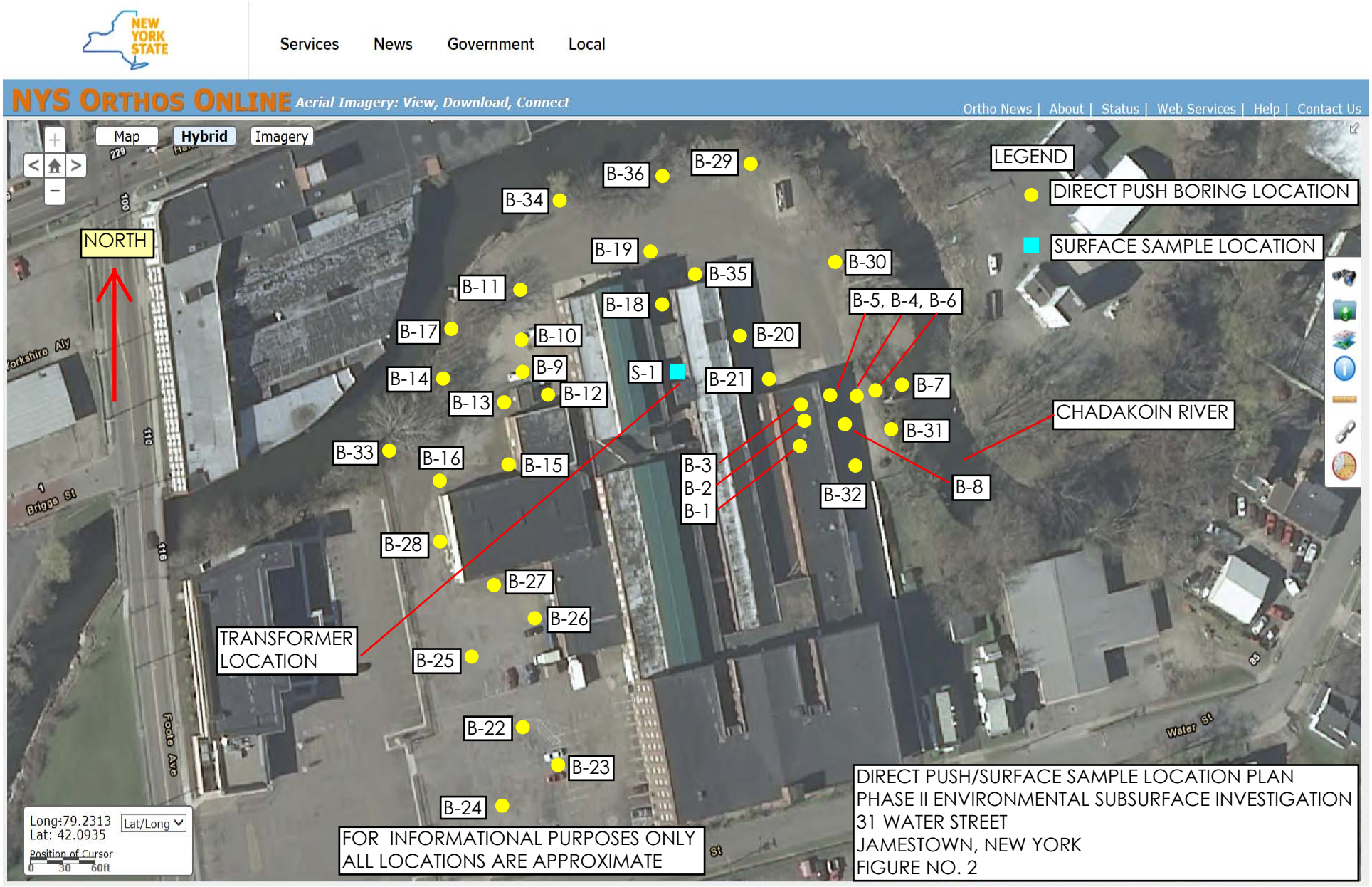
Attachment A	Figures
Attachment B	Subsurface Logs
Attachment C	Tables
Attachment D	Alpha Analytical's Lab Report

ATTACHMENT A

Figures



SITE LOCATION PLAN
PHASE II ENVIRONMENTAL SUBSURFACE INVESTIGATION
31 WATER STREET
JAMESTOWN, NEW YORK
FIGURE NO. 1


NEW YORK STATE
Services
News
Government
Local
NYS ORTHOS ONLINE
Aerial Imagery: View, Download, Connect
Ortho News | About | Status | Web Services | Help | Contact Us
Map
Hybrid
Imagery
NORTH
LEGEND
DIRECT PUSH BORING LOCATION
SURFACE SAMPLE LOCATION
B-36
B-29
B-34
B-19
B-30
B-35
B-11
B-18
B-5, B-4, B-6
B-17
B-10
B-20
B-14
B-9
S-1
B-21
B-7
B-13
B-12
CHADAKOIN RIVER
B-31
B-33
B-16
B-15
B-3
B-2
B-1
B-32
B-8
B-28
B-27
B-26
TRANSFORMER LOCATION
B-25
B-22
B-23
B-24
Yorkshire Aly
Briggs St
Foote Ave
Water St
Long:79.2313
Lat: 42.0935
Lat/Long
Position of Cursor
0 30 60ft
FOR INFORMATIONAL PURPOSES ONLY
ALL LOCATIONS ARE APPROXIMATE
DIRECT PUSH/SURFACE SAMPLE LOCATION PLAN
PHASE II ENVIRONMENTAL SUBSURFACE INVESTIGATION
31 WATER STREET
JAMESTOWN, NEW YORK
FIGURE NO. 2

ATTACHMENT B

Subsurface Logs

DATE:
STARTED 4/25/2017
FINISHED 4/25/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-1
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.2	CONCRETE (approximately 0.5 ft) Brown to Dark Brown f/c GRAVEL, little f/c Sand, little Silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Brown f/c SAND, some f/c Gravel, little Silt (moist, SM/Possible FILL)	
4				
5	BKG	0.9	Gray f/c SAND, some f/c Gravel, little Silt, tr clay, tr organics (moist, SM)	
6				
7	BKG			
8				
9	BKG	3.1	Brown to Gray SILT, little f/c Sand, tr organics (moist, ML)	
10				
11	BKG		Becomes Gray, contains little Clay	Collect sample from 12 to 16 feet below grade for analytical testing
12	7.7	2.8	Gray f/c SAND, little Silt (moist, SM)	
13	55		Gray Clayey SILT, tr sand (moist, ML)	
14	27			
15				
16	43			
			Direct Push Boring Completed 16 Feet Below Grade	

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/25/2017
FINISHED 4/25/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-2
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.1	CONCRETE (approximately 0.5 ft) Gray to Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2			CONCRETE	
3	BKG			
4				
5	BKG	1.2	Gray f/c SAND, little f Gravel, little clayey Silt (moist-wet, SM)	
6				
7	BKG			
8				
9	BKG	3.1	Dark Brown Silty CLAY, tr sand, tr organics (moist, CL)	
10			Contains little peat-like material	
11	BKG			
12			Brown Highly Degraded WOOD/PEAT-LIKE Material (moist)	
13	BKG	2.5	Dark Brown Silty CLAY, little Peat-like material, tr gravel, tr sand (moist, CL)	
14				
15	BKG			
16			Gray f/c GRAVEL, little f/c Sand, little Silt, tr clay (wet, GM)	
			Direct Push Boring Completed 16 Feet Below Grade	

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/25/2017
FINISHED 4/25/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-3
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	1.6	CONCRETE (approximately 0.7 ft) Gray to Brown f/c GRAVEL, some f/c Sand, little silty Clay (moist, FILL) Contains tr brick	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4				
5	BKG	2.0	Gray f/c SAND, little f Gravel, little clayey Silt (moist-wet, SM)	
6				
7	BKG			
8				
9	BKG	2.9	Dark Brown Silty CLAY, tr sand, tr organics (moist, CL)	
10			Contains little peat-like material	
11	BKG			
12			Brown Highly Degraded WOOD/PEAT-LIKE Material (moist)	
13	13.5 22	1.8	Dark Brown Silty CLAY, little Peat-like material, tr gravel, tr sand (moist, CL)	
14	BKG			
15	BKG			
16			Gray f/c GRAVEL, little f/c Sand, little Silt, tr clay (wet, GM)	
			Direct Push Boring Completed 16 Feet Below Grade	

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/25/2017
FINISHED 4/25/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-4
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.6	Brown to Black f/c SAND, some f-c Gravel, tr silt, tr brick, tr slag (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4			Red Brown f/c sand size SLAG, little f-c gravel size Slag (moist, FILL)	
5	BKG	1.5	Brown to Black f/c GRAVEL, some f/c Sand, tr silt, tr organics, tr slag (moist, FILL)	
6				
7	BKG		Petroleum-like sheen observed, slight fuel-like odor noted (moist-wet)	Collect sample from 6 to 9 feet for analytical testing
8				
9	BKG	3.0	Brown Silty CLAY, little Peat-like material, tr sand (moist, CL)	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/25/2017
FINISHED 4/25/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-5
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
LOCATION: 31 Water Street
PROJ. NO.: BEV-17-007
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.2	Brown to Black f/c SAND, little f/c Gravel, little Silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Contains tr cinders Brown Silty CLAY, tr sand (moist, CL/Possible FILL)	
4			Brown f/c SAND, little f/c Gravel, little silty Clay (moist, SC)	
5	BKG	2.4	Brown f/c GRAVEL, little f/c Sand, little silty Clay (moist, GC)	
6				
7	BKG			
8			Gray f/c GRAVEL, little f/c Sand, tr silt (wet, GW)	
9	BKG	3.0	Gray Silty CLAY, tr sand, tr sand, tr wood (moist, CL)	
10				
11	BKG		Contains little Peat-like material	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-6
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1			Encountered underground storage tank; approximately 1 foot below grade; sampler punctured a hole on top of tank; diameter of tank approximately 4.5 feet; approximately 0.5 feet of sediment present inside; minimum water present in tank; no sheen observed on top of water; no odors noted; photoionization measurements BKG All observations made through the storage tank puncture	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-7
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.1	TOPSOIL (approximately 0.1 feet) Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2			Contains tr silt	
3	BKG			
4			Dark Brown to Black f/c SAND, little f/c Gravel, little Silt (moist, FILL)	
5	BKG	2.5	Black f SAND, little Silt, tr clay (moist, SM)	
6			Black Silty CLAY, tr sand (moist, CL)	Collect sample from 4 to 8 feet for analytical testing
7	BKG			
8			Contains little f/c Sand, tr organics	
9	BKG	3.1	Gray f/c SAND, little clayey Silt, tr organics (moist, SM) Contains little Organics, tr gravel	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-8
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.3	Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains tr brick	BKG: Background, measured in parts per million (ppm)
3	BKG		Contains occasional silty clay seams	BKG= 1 ppm
4				
5	BKG	1.9	Brown f/c GRAVEL, some f/c Sand, little silty Clay (moist-wet, GC/Possible FILL)	
6				
7	BKG		Brown Silty CLAY, tr sand (moist, CL)	
8				
9	BKG	2.1	Grades to Gray	
10			Contains tr gravel	
11	BKG		Contains little peat-like material	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-9
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.1	Dark Brown to Black f/c SAND, tr gravel, tr silt, tr brick, tr slag (moist, FILL)	PID: Photoionization Detector
2			Contains tr coal	BKG: Background, measured in parts per million (ppm)
3	BKG			BKG= 1 ppm
4				
5	BKG	0.2	Gray Silty CLAY, little f/c Gravel, little f/c Sand (moist, FILL)	Inlet water pipe of former pump house may be present
6			Contains tr metal	
7			Direct Push Boring Completed 5.8 Feet Below Grade Geoprobe Refusal	
8				
9				
10				
11				
12				
13				
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-10
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.6	Brown to Dark Brown f/c SAND, little f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains tr coal, tr cinders	BKG: Background, measured in parts per million (ppm)
3	BKG		Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	BKG= 1 ppm
4				
5	BKG	3.0	Gray Clayey SILT, tr sand, tr organics (moist, ML)	
6			Gray Silty CLAY, tr sand (moist, CL)	
7	BKG		Contains tr wood	
8			Contains little peat-like material	Top of 3rd sample, water present, entering boring from above
9	BKG	1.5	Gray Silty CLAY, tr sand (moist, CL)	
10			Gray f/c GRAVEL, little f/c Sand, little Silt (wet, GM)	
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-11
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.9	Brown to Black f-c SAND, little f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains tr coal	BKG: Background, measured in parts per million (ppm)
3	BKG		Light Brown Clayey SILT, little f/c Gravel, little f/c Sand, tr brick (moist, FILL)	BKG= 1 ppm
4			Orange Brown f/c GRAVEL, little f/c Sand, little silty Clay (moist, FILL)	Collect sample from
5	BKG	3.4	Gray Silty CLAY, little f/c Sand (moist, CL)	2 to 6 feet for analytical testing
6			Contains tr organics, tr staining	
7	BKG		Contains some Peat-like material	
8				Top of 3rd sample, water present, entering boring from above
9	BKG	3.0	Gray Silty CLAY, tr sand, tr organics (moist, CL)	
10				
11	BKG		Gray f/c GRAVEL, little f-c Sand, tr silt (wet, GW)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-12
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.0	Brown to Dark Brown f/c SAND, some f/c Gravel, tr silt, tr brick (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4			(wet)	
5	BKG	3.1	Gray Silty CLAY, tr sand, tr organics (moist-wet, CL)	
6			(moist)	
7	BKG		Contains tr peat-like material	
8				
9	BKG	1.4		
10				
11	BKG		Gray f/c GRAVEL, little f/c Sand, tr silt (wet, GW)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-13
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.3	Brown to Black f/c SAND, some f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains little Silt, tr clay	BKG: Background, measured in parts per million (ppm)
3	BKG		Brown f/c GRAVEL, some f-c Sand, little Silt (moist, FILL)	BKG= 1 ppm
4				
5	BKG	2.7	Gray Clayey SILT, little f/c Sand, tr organics (moist-wet, ML)	
6			(moist)	
7	BKG			
8			Brown Silty CLAY, tr sand, tr wood (moist, CL)	
9	BKG	3.1	Contains little f/c Sand, tr gravel	
10			Becomes Gray Contains little f/c Gravel	
11	BKG			
12			Gray f/c GRAVEL, little f/c Sand, little Silt, tr clay (wet, GM)	
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-14
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.7	Dark Brown f/c SAND, some f/c Gravel, tr silt, tr brick (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4			Brown Clayey SILT, little f/c SAND (moist, ML/Possible FILL)	
5	BKG	3.3	Brown to Gray Silty CLAY, tr sand, tr organics, tr wood	
6				
7	BKG			
8			Becomes Gray, Contains little f/c Sand	
9	BKG	2.0	Gray f/c GRAVEL, some f/c Sand, little Silt, tr clay (wet, GM)	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-15
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.6	Brown f/c SAND, tr gravel, tr silt (moist, FILL) Gray f/c GRAVEL, some f/c Sand, tr silt (moist, FILL) Contains tr brick Contains tr concrete	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4				
5			Direct Push Boring Completed 4 Feet Below Grade Geoprobe Refusal	Several tries were attempted to advance sampler beyond 4 feet.
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-16
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.6	ASPALT (approximately 0.2 feet) Dark Brown to Gray f/c SAND, little f/c Gravel, tr silt, tr slag (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm)
2				
3	BKG		Brown f/c GRAVEL, little f/c Sand, little Silt, tr coal (moist, FILL)	BKG= 1 ppm
4				
5	BKG	2.3	Dark Gray Silty CLAY, tr sand, tr organics (moist, CL)	
6			Contains little f/c Sand, tr gravel	
7	BKG			
8			Gray f/c GRAVEL, little f/c Sand, little Silt, tr clay (wet, GM)	
9			Direct Push Boring Completed 8 Feet Below Grade	
10				
11				
12				
13				
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/26/2017
FINISHED 4/26/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-17
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.1	Gray f/c SAND, little f/c Gravel, tr silt, tr asphalt (moist, FILL)	PID: Photoionization Detector
2			Contains tr wood	BKG: Background, measured in parts per million (ppm)
3	BKG		Black to Brown f/c SAND, tr gravel, tr silt, tr slag (moist, FILL)	BKG= 1 ppm
4				
5	BKG	2.4	Gray Silty CLAY, tr sand, tr organics (moist, CL)	
6			Contains "and" Peat-like material	
7	BKG		Gray Silty CLAY, tr sand (moist, CL)	
8				
9			Direct Push Boring Completed 8 Feet Below Grade	
10				
11				
12				
13				
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-18
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.2	Brown to Black f/c SAND, some f/c Gravel, tr silt, tr brick, tr slag, tr cinders (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm Collect samle from 0.5 to 4 feet for analytical testing
2				
3	BKG			
4				
5	BKG	3.3	Brown fine SAND, little Silt (wet, FILL) Gray f/c GRAVEL, litte f/c Sand, little Wood, tr brick (wet, FILL)	
6			Gray Silty CLAY, tr sand, tr organics (moist, CL)	
7	BKG			
8			WOOD (Possible Tree)	
9	BKG	1.8	Gray Silty CLAY, tr sand, tr organics (moist, CL)	
10				
11	BKG		Gray f/c GRAVEL, some f/c Sand, little Silt, tr clay (wet, GM)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-19
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.5	Dark Brown to Brown f/c SAND, some f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains tr concrete	BKG: Background, measured in parts per million (ppm)
3	BKG		Contains tr cinders	BKG= 1 ppm
4				Water present on top of Sample No. 2; Water entering from above
5	BKG	2.4	Gray Silty CLAY, tr sand, tr organics (moist, CL)	
6				
7	BKG			
8			WOOD (Possible Tree)	
9	BKG	2.0	Gray Silty CLAY, tr sand, tr organics (moist, CL)	
10				
11	BKG			
12			Gray f/c GRAVEL, some f/c Sand, tr silt (wet, GW)	
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-20
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.0	Dark Brown to Brown f/c SAND, some f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Contains tr clay	Collect sample from 2 to 6 feet for analtyical testing
4				
5	BKG	2.7	Dark Brown f/c sand size SLAG, little f/c gravel size Slag (wet, FILL) Gray Silty CLAY, tr sand, tr peat-like material (moist, CL)	Slight discoloration noted on upper portion of silty clay
6				
7	BKG		Contains little Peat-like material	
8				
9	BKG	2.4	Gray Silty CLAY, tr sand (moist, CL)	
10			Contains little f/c Sand	
11	BKG		Gray f/c SAND and f/c GRAVEL, tr silt (wet, SW-GW)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-21
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.3	Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	PID: Photoionization Detector
2			Brown f/c SAND, some f/c Gravel, little clayey Silt (moist, FILL)	BKG: Background, measured in parts per million (ppm)
3	BKG		Contains tr coal	BKG= 1 ppm
4				
5	BKG	1.4	Gray Silty CLAY, tr sand, tr organics (moist, CL)	
6				
7	BKG			
8				
9	BKG	2.1	Gray f/c SAND, little f/c Gravel, little Silty (wet, SM)	
10				
11	BKG		Contains tr organics	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-22
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.1	Gray to Brown to Dark Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL) Contains tr brick Contains tr coal	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4			Contains tr slag	Collect sample from 0.5 to 4 feet for analytical testing
5	BKG	2.0	Becomes Brown, contains little silty Clay Brown Silty CLAY, little f/c Gravel, little f/c Sand (moist, CL/Possible FILL)	
6				
7	BKG			
8				
9	BKG	2.7	Brown to Gray f/c GRAVEL, some f-c Sand, little Silt (wet, GM)	
10				
11	BKG			
12			Gray Silty CLAY, tr sand (moist, CL)	
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-23
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.7	ASPHALT Brown to Dark Brown f/c SAND, some f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Contains little clayey Silt	
4				
5	BKG	2.5	Brown Silty CLAY, little f/c Gravel, little f/c Sand (moist, CL/Possible FILL)	
6				
7	BKG		Gray Silty CLAY, tr sand, tr organics (moist, CL)	
8				
9	BKG	1.0	Gravel f/c GRAVEL, some f/c Sand, little Silt (wet, GM)	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-24
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.2	Gray to Brown f/c SAND, some Silt, little f/c Gravel, tr brick (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4				
5	BKG	2.0	Brown to Gray Silty CLAY, tr sand (moist, CL)	
6				
7	BKG		Contains tr gravel	
8				Water present on top of Sample No. 3; Water entering from above
9	BKG	3.3	Gray f/c GRAVEL, some f/c Sand, little Silt (moist, GM) Gray Silty CLAY, tr sand (moist, CL)	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-25
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.9	Brown to Black f/c SAND, little f/c Gravel, tr silt, tr glass, tr brick (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Contains tr coal	
4				
5	BKG	2.7	Brown Silty CLAY, tr sand (moist, CL)	
6				
7	BKG		Brown f/c GRAVEL, some f/c Sand, little Silt, tr clay (wet, GM)	
8				
9	BKG	3.0	Becomes Gray	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-26
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.0	Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Brown f/c SAND, tr gravel, tr silt (moist, FILL)	
4				
5	BKG	2.6	Brown Silty CLAY, tr gravel, tr sand (moist, CL)	
6				
7	BKG		Contains little f/c Gravel, litte f/c Sand (moist-wet)	
8				
9	BKG	3.2	Gray f/c GRAVEL, some f/c Sand, little Silt, tr clay (wet, GM)	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-27
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.1	Dark Brown to Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL) Contains little Silt	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Brown Silty CLAY, little f/c Sand, tr gravel (moist, FILL)	
4				
5	BKG	2.5	Brown Silty CLAY, tr sand (moist, CL)	
6				
7	BKG		Brown f/c GRAVEL and f/c SAND, little Silt (wet, GM)	
8				
9	BKG	2.8	Becomes Gray Contains little clayey Silt	
10				
11	BKG		Gray Clayey SILT (moist, ML)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/27/2017
FINISHED 4/27/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-28
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.9	Dark Brown to Black f/c SAND, some f/c Gravel, little Silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4				Collect sample from 0.5 to 4 feet for analytical testing
5	BKG	1.5	Gray Silty CLAY, little f/c Sand (moist, CL) Contain tr sand	
6				
7	BKG			
8				
9	BKG	2.4	Contains tr gravel Brown f/c GRAVEL, some f/c Sand, little Silt (wet, GM)	
10				
11	BKG		Gray Silty CLAY, tr sand (moist, CL)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-29
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.3	Brown f/c GRAVEL, little f/c Sand, little clayey Silt (moist, FILL) Contains tr glass	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm)
2				
3	BKG		Brown f/c SAND, little f/c Gravel, tr silt, tr slag (moist, FILL)	BKG= 1 ppm
4				
5	BKG	3.0	Brown f/c SAND, little Silt, tr gravel, tr clay (moist, FILL)	Collect sample from 4 to 8 feet for analytical testing
6				
7	BKG		Black f-c SAND, little f/c Gravel, little Slag, tr brick (wet, FILL)	
8				
9	BKG	2.0	WOOD, little f/c Sand (moist, Possible Tree)	
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-30
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.7	Dark Brown f/c SAND, little f/c Gravel, little Silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2			Becomes Brown	
3	BKG		Contains tr brick	
4			Dark Brown Silty CLAY, little f/c Sand, tr organics (moist, CL)	
5	BKG	2.2	Gray f/c SAND, little Silt, tr gravel, tr clay (moist, SM)	
6			contains little Wood	
7	BKG			
8				
9	BKG	1.7	WOOD (moist, Possible Tree)	
10				
11	BKG		Contains tr sand	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-31
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.4	Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains little Silt	BKG: Background, measured in parts per million (ppm)
3	BKG		Contains tr cinders	BKG= 1 ppm
4				
5	BKG	2.9	Brown Silty CLAY, tr sand, tr brick (moist, FILL)	
6			Brown f/c GRAVEL, little f/c Sand, little silty Clay, tr brick (wet, FILL)	
7	BKG		Dark Brown f/c SAND, little Silt, tr gravel (wet, SM)	
8				
9	BKG	2.1	Brown Silty CLAY, tr sand, tr organics, occasional discoloration (moist, CL)	Discoloration present near top of clay
10				
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-32
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.0	Brown f/c SAND, little f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains occassional silty Clay seams	BKG: Background, measured in parts per million (ppm)
3	BKG			BKG= 1 ppm
4				
5	BKG	1.7	Gray Silty CLAY, tr gravel, tr sand (moist, CL)	
6				
7	BKG		Contains little f/c Gravel	
8				
9	BKG	2.6	Becomes brown to gray, contains tr gravel, tr organics	
10				
11	BKG		Contains little Peat-like material	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-33
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
LOCATION: 31 Water Street
PROJ. NO.: BEV-17-007
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.4	Brown f/c GRAVEL, some f/c Sand, tr silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG			
4				
5	BKG	3.0	Brown Silty CLAY, tr sand, tr wood (moist, CL)	
6			Brown to Gray f/c SAND, little Silt, tr gravel (moist, SM)	
7	BKG		Clay Silty CLAY, little f/c Sand, tr gravel, tr organics (moist, CL) Contains tr sand	
8				
9	BKG	2.6		
10				
11	BKG		Brown f/c GRAVEL, some f/c Sand, little Silt (wet, GM)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-34
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
LOCATION: 31 Water Street
PROJ. NO.: BEV-17-007
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.4	Brown to Dark Brown f/c SAND, little f/c Gravel, tr silt, tr brick (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Brown Silty CLAY, little Organics, tr sand (moist, FILL)	
4			Brown f/c SAND, little Silt, little Organics, tr clay, tr brick (moist, FILL)	
5	BKG	2.8	Contains tr slag (wet)	Collect sample from 2 to 5 feet for analytical testing
6			WOOD (wet, Possible Tree)	
7	BKG			
8				
9	BKG	2.9	Gray Silty CLAY, tr sand, tr organics (moist, CL)	
10				
11	BKG		Gray f/c SAND, little Silt, tr clay, tr wood (moist, SM)	
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-35
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	3.0	Dark Brown to Brown f/c GRAVEL and f/c SAND, tr silt (moist, FILL)	PID: Photoionization Detector
2			Contains tr coal	BKG: Background, measured in parts per million (ppm)
3	BKG			BKG= 1 ppm
4				
5	BKG	2.5	Contains tr slag (wet)	
6			Gray Silty CLAY, tr gravel, tr sand, tr organics (moist, CL)	
7	BKG		Contains tr wood	
8				
9	BKG	2.7	WOOD (moist, Possible Tree)	
10			Brown Silty CLAY, tr sand, tr organics (moist, CL)	
11	BKG			
12				
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 4/28/2017
FINISHED 4/28/2017
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. B-36
SURF. ELEV N/A
G.W. DEPTH See Notes

PROJECT: Environmental Subsurface Investigation
PROJ. NO.: BEV-17-007
LOCATION: 31 Water Street
Jamestown, New York

DEPTH (FT)	PID READING	SAMPLE REC (FT)	SOIL CLASSIFICATION	NOTES
1	BKG	2.3	Brown f/c SAND, little f/c Gravel, tr silt (moist, FILL)	PID: Photoionization Detector BKG: Background, measured in parts per million (ppm) BKG= 1 ppm
2				
3	BKG		Becomes Dark Brown, contains tr organics, tr wood, tr concrete	
4				
5	BKG	2.0	Gray Silty CLAY, little Organics, tr sand (moist, CL)	
6				
7	BKG			
8				
9	BKG	1.5	Becomes Gray to Brown, contains tr organics	
10				
11	BKG			
12			Gray f/c GRAVEL, some f/c Sand, tr silt, tr clay (wet, GW)	
13			Direct Push Boring Completed 12 Feet Below Grade	
14				
15				
16				

DRILLER: R. Steiner **DRILL RIG TYPE:** Geoprobe 6620DT **CLASSIFIED BY:** Geologist

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

ATTACHMENT C

Analytical Summary Tables

TABLE 1
SUMMARY OF DETECTED VOLATILE and SEMI VOLATILE ORGANIC COMPOUNDS IN SOIL
31 Water Street
Jamestown, New York

Volatile Organic Compound	Boring Location / Sample Depth Interval (Feet)						
	B-1 12-16 feet	B-4 6-9 feet	B-7 4-8 feet	B-11 2-6 feet	B-18 0.5-4 feet	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives
Tetrachloroethene	ND	0.0032	ND	ND	ND	5.5	19
Benzene	ND	0.00031	0.00087	ND	ND	2.9	5
Toluene	ND	ND	0.0011	ND	ND	100	100
Ethylbenzene	ND	ND	0.00045	ND	ND	30	41
1,3,5-Trimethylbenzene	ND	0.00020	0.00079	ND	ND	47	52
1,2,4-Trimethylbenzene	ND	0.00078	0.0014	ND	ND	47	52
Vinyl chloride	ND	ND	ND	ND	0.41	0.21	0.9
Trichloroethene	**56**	ND	0.0065	ND	0.0026	10	21
cis-1,2-Dichloroethene	ND	ND	0.0012	ND	0.010	59	100
Acetone	ND	ND	0.34	0.053	ND	100	100
Carbon disulfide	1.9	ND	0.0042	ND	ND	NS	NS
2-Butanone	ND	ND	0.066	0.011	ND	NS	NS
Naphthalene	0.06	ND	0.0063	0.00022	ND	100	100
Cyclohexane	ND	ND	ND	ND	ND	NS	NS
Methyl cyclohexane	ND	ND	0.0006	ND	ND	NS	NS
Semi Volatile Organic Compounds							
Acenaphthene	ND	0.034	0.027	ND	ND	100	100
Fluoranthene	ND	0.46	0.36	0.54	0.19	100	100
Naphthalene	ND	ND	0.071	ND	0.20	100	100
NDPA/DPA	ND	ND	0.035	ND	ND	NS	NS
Bis(2-ethylhexyl)phthalate	ND	1.3	ND	ND	ND	NS	NS
Benzo(a)anthracene	ND	0.27	0.18	0.35	0.089	1	1
Benzo(a)pyrene	ND	0.29	0.18	0.28	0.11	1	1
Benzo(b)fluoranthene	ND	0.33	0.21	0.32	0.17	1	1
Benzo(k)fluoranthene	ND	0.11	0.072	0.12	0.057	1	3.9
Chrysene	ND	0.27	0.18	0.29	0.12	1	3.9
Anthracene	ND	0.066	0.059	0.10	ND	100	100
Benzo(ghi)perylene	ND	0.18	0.10	0.11	0.082	100	100
Fluorene	ND	0.026	0.033	ND	ND	100	100
Phenanthrene	ND	0.180	0.23	0.16	0.180	100	100
Dibenzo(a,h)anthracene	ND	0.043	ND	0.042	ND	0.33	0.33
Indeno(1,2,3-cd)pyrene	ND	0.19	0.11	0.14	0.086	0.5	0.5
Pyrene	ND	0.44	0.32	0.45	0.17	100	100
Dibenzofuran	ND	ND	ND	ND	0.05	NS	NS
2-Methylnaphthalene	ND	ND	ND	ND	0.22	NS	NS

NOTES:

1) All concentrations are presented in mg/kg or parts per million (ppm).

2) ND denotes analyte not detected above the laboratory detection limit.

3) NS denotes no cleanup objective available.

4) Residential and Restricted Residential Soil Cleanup Objectives referenced from 6NYCRR Part 375, Environmental Remediation Programs, Subpart 375-1 to 375-4 & 375-6, Effective 12/14/2006.

5) Indicates Residential Soil Cleanup Objective Exceedance

6) Indicates Restricted Residential Soil Cleanup Objective Exceedance

TABLE 1
SUMMARY OF DETECTED VOLATILE and SEMI VOLATILE ORGANIC COMPOUNDS IN SOIL
31 Water Street
Jamestown, New York

Volatile Organic Compound	Boring Location / Sample Depth Interval (Feet)						
	B-20 2-6 feet	B-22 0.5-4 feet	B-28 0.5-4 feet	B-29 4-8 feet	B-34 2-5 feet	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives
Tetrachloroethene	ND	ND	ND	ND	ND	5.5	19
Benzene	ND	ND	ND	ND	ND	2.9	5
Toluene	0.00031	ND	0.00035	0.00077	ND	100	100
Ethylbenzene	ND	ND	0.0011	ND	ND	30	41
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	47	52
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	47	52
Vinyl chloride	ND	ND	0.077	ND	0.0078	0.21	0.9
Trichloroethene	0.023	0.00054	0.00087	0.010	0.0058	10	21
trans-1,2-Dichloroethene	ND	ND	0.0015	0.00057	ND	100	100
cis-1,2-Dichloroethene	0.0018	ND	ND	0.022	0.0044	59	100
Xylenes, Mixed	ND	ND	0.0086	ND	ND	100	100
Acetone	0.18	0.039	0.0044	0.038	0.11	100	100
Carbon disulfide	0.0037	ND	ND	ND	ND	NS	NS
2-Butanone	ND	ND	ND	0.0059	0.018	NS	NS
p-Isopropyltoluene	ND	ND	ND	ND	0.00061	NS	NS
Naphthalene	ND	ND	ND	ND	ND	100	100
Cyclohexane	0.0095	ND	ND	ND	ND	NS	NS
Methyl cyclohexane	ND	ND	ND	ND	ND	NS	NS
Semi Volatile Organic Compounds							
Acenaphthene	ND	0.43	0.15	0.84	0.36	100	100
Fluoranthene	0.039	19	2.2	7.4	5.7	100	100
Naphthalene	ND	0.29	0.12	0.26	0.085	100	100
Di-n-butylphthalate	ND	ND	0.29	ND	ND	NS	NS
Benzo(a)anthracene	0.03	**7.8**	**1.3**	**3.4**	**2.8**	1	1
Benzo(a)pyrene	ND	**9**	**1.1**	**3.1**	**2.6**	1	1
Benzo(b)fluoranthene	ND	**11**	**1.4**	**3.8**	**3.1**	1	1
Benzo(k)fluoranthene	ND	3.7	0.47	1.3	1	1	3.9
Chrysene	0.03	**8.8**	1.3	3.2	2.5	1	3.9
Acenaphthylene	ND	0.64	ND	0.11	0.1	100	100
Anthracene	ND	1.3	0.44	1.8	1.2	100	100
Benzo(ghi)perylene	ND	4.6	0.57	1.4	1.2	100	100
Fluorene	ND	0.5	0.15	0.97	0.43	100	100
Phenanthrene	ND	11	2.0	6.8	3.7	100	100
Dibenzo(a,h)anthracene	ND	**1**	0.16	**0.43**	0.32	0.33	0.33
Indeno(1,2,3-cd)pyrene	ND	**5.3**	**0.64**	**1.7**	**1.4**	0.5	0.5
Pyrene	0.036	17	2.0	5.8	5.0	100	100
Biphenyl	ND	0.059	ND	ND	ND	NS	NS
Dibenzofuran	ND	0.34	0.08	0.53	0.16	NS	NS
2-Methylnaphthalene	ND	0.17	0.16	0.13	0.08	NS	NS
3-Methylphenol/4-Methylphenol	ND	0.066	ND	ND	ND	NS	NS
Carbazole	ND	0.95	0.12	ND	0.28	NS	NS

NOTES:

1) All concentrations are presented in mg/kg or parts per million (ppm).

2) ND denotes analyte not detected above the laboratory detection limit.

3) NS denotes no cleanup objective available.

4) Residential and Restricted Residential Soil Cleanup Objectives referenced from 6NYCRR Part 375, Environmental Remediation Programs, Subpart 375-1 to 375-4 & 375-6, Effective 12/14/2006.

5) Indicates Residential Soil Cleanup Objective Exceedance

6) Indicates Restricted Residential Soil Cleanup Objective Exceedance

TABLE 2
SUMMARY OF DETECTED METALS AND PCBS IN SOIL
31 Water Street
Jamestown, New York

Metals	Boring Location / Sample Depth Interval (Feet)						
	B-1 12-16 feet	B-4 6-9 feet	B-7 4-8 feet	B-11 2-6 feet	B-18 0.5-4 feet	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives
Aluminum, Total	14,000	7,900	4,700	6,100	5,000	NS	NS
Antimony, Total	ND	200	16	ND	ND	NS	NS
Arsenic, Total	12	**76**	**94**	**22**	**62**	16	16
Barium, Total	72	240	70	120	190	350	400
Beryllium, Total	0.55	1.3	0.21	0.20	0.49	14	72
Cadmium, Total	0.19	**19**	0.55	ND	1.3	2.5	4.3
Calcium, Total	8,500	17,000	3,600	1,200	4,400	NS	NS
Chromium, Total	19	**770**	**550**	14	28	22	110
Cobalt, Total	13	7.9	3.0	4.9	6.8	NS	NS
Copper, Total	20	**3,100**	230	16	**2,000**	270	270
Iron, Total	29,000	34,000	12,000	15,000	30,000	NS	NS
Lead, Total	10	390	73	38	170	400	400
Magnesium, Total	8,800	2,300	1,800	2,000	920	NS	NS
Manganese, Total	510	400	110	74	300	2,000	2,000
Mercury, Total	ND	0.31	0.37	0.06	0.05	0.81	0.81
Nickel, Total	28	**420**	7.4	15	74	140	310
Potassium, Total	1,100	390	1,100	600	500	NS	NS
Selenium, Total	1.2	2.6	0.46	1.4	2.9	36	180
Silver, Total	ND	0.87	ND	ND	0.67	36	180
Sodium, Total	160	200	330	250	97	NS	NS
Thallium, Total	0.53	0.52	ND	ND	ND	NS	NS
Vanadium, Total	18	12	18	11	21	NS	NS
Zinc, Total	65	1,100	120	46	2,200	2,200	10,000
Polychlorinated Biphenyls							
Aroclor 1016	ND	ND	ND	ND	ND	1	1
Aroclor 1221	ND	ND	ND	ND	ND	1	1
Aroclor 1232	ND	ND	ND	ND	ND	1	1
Aroclor 1242	ND	0.133	ND	ND	ND	1	1
Aroclor 1248	ND	ND	ND	ND	**39.6**	1	1
Aroclor 1254	ND	0.260	ND	ND	**30.3**	1	1
Aroclor 1260	ND	0.0194	ND	ND	**3.06**	1	1
Aroclor 1262	ND	ND	ND	ND	ND	1	1
Aroclor 1268	ND	ND	ND	ND	ND	1	1
PCBs, Total	ND	0.484	ND	ND	**73**	1	1

NOTES:

1) All concentrations are presented in mg/kg or parts per million (ppm).
2) ND denotes analyte not detected above the laboratory detection limit.
3) NS denotes no cleanup objective available.
4) Residential and Restricted Residential Soil Cleanup Objectives referenced from 6NYCRR Part 375, Environmental Remediation Programs, Subpart 375-1 to 375-4 & 375-6, Effective 12/14/2006.
5) Indicates Residential Soil Cleanup Objective Exceedance
6) Indicates Restricted Residential Soil Cleanup Objective Exceedance

TABLE 2
SUMMARY OF DETECTED METALS AND PCBS IN SOIL
31 Water Street
Jamestown, New York

Metals	Boring Location / Sample Depth Interval (Feet)							
	B-20 2-6 feet	B-22 0.5-4 feet	B-28 0.5-4 feet	B-29 4-8 feet	B-34 2-5 feet	S-1 surface sample	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives
Aluminum, Total	7,300	3,600	6,400	5,500	8,100		NS	NS
Antimony, Total	30	ND	25	ND	ND		NS	NS
Arsenic, Total	16	6.1	10	8.8	**18**		16	16
Barium, Total	340	**760**	220	200	110		350	400
Beryllium, Total	0.79	0.34	0.70	0.37	0.55		14	72
Cadmium, Total	0.46	0.26	0.42	2.2	3.0		2.5	4.3
Calcium, Total	1,900	14,000	3,000	3,500	8,000		NS	NS
Chromium, Total	72	10	41	23	23		22	110
Cobalt, Total	4.9	4.7	5.5	5.2	9.0		NS	NS
Copper, Total	82	30	**320**	270	**410**		270	270
Iron, Total	36,000	20,000	27,000	21,000	28,000		NS	NS
Lead, Total	49	**1,300**	170	190	120		400	400
Magnesium, Total	1,100	1,500	1,000	2,100	2,400		NS	NS
Manganese, Total	100	280	250	320	550		2,000	2,000
Mercury, Total	0.30	0.03	0.11	0.11	0.15		0.81	0.81
Nickel, Total	18	12	14	27	31		140	310
Potassium, Total	340	700	630	350	550		NS	NS
Selenium, Total	3.6	0.99	1.6	0.75	1.6		36	180
Silver, Total	ND	ND	ND	ND	ND		36	180
Sodium, Total	160	2,200	410	74	110		NS	NS
Thallium, Total	ND	ND	ND	ND	0.56		NS	NS
Vanadium, Total	21	15	15	10	14		NS	NS
Zinc, Total	100	36	200	600	920		2,200	10,000
Polychlorinated Biphenyls								
Aroclor 1016	ND	ND	ND	ND	ND	ND	1	1
Aroclor 1221	ND	ND	ND	ND	ND	ND	1	1
Aroclor 1232	ND	ND	ND	ND	ND	ND	1	1
Aroclor 1242	ND	ND	ND	ND	ND	ND	1	1
Aroclor 1248	0.0307	ND	ND	**1.740**	0.464	**297**	1	1
Aroclor 1254	0.0111	ND	ND	ND	0.372	ND	1	1
Aroclor 1260	ND	ND	ND	ND	0.0381	ND	1	1
Aroclor 1262	ND	ND	ND	ND	ND	ND	1	1
Aroclor 1268	ND	ND	ND	ND	ND	ND	1	1
PCBs, Total	0.0418	ND	ND	**1.740**	0.874	**297**	1	1

NOTES:

1) All concentrations are presented in mg/kg or parts per million (ppm).

2) ND denotes analyte not detected above the laboratory detection limit.

3) NS denotes no cleanup objective available.

4) Residential and Restricted Residential Soil Cleanup Objectives referenced from 6NYCRR Part 375, Environmental Remediation Programs, Subpart 375-1 to 375-4 & 375-6, Effective 12/14/2006.

5) Indicates Residential Soil Cleanup Objective Exceedance

6) Indicates Restricted Residential Soil Cleanup Objective Exceedance

ATTACHMENT D

Analytical Reports

ANALYTICAL REPORT

Lab Number:	L1714053
Client:	SJB Services, Inc 5167 South Park Ave. Hamburg, NY 14705
ATTN:	Dave Steiner
Phone:	(716) 649-8110
Project Name:	31 WATER STREET
Project Number:	BEV-17-007
Report Date:	05/09/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1714053-01	B-1	SOIL	JAMESTOWN, NEW YORK	04/25/17 11:15	05/02/17
L1714053-02	B-4	SOIL	JAMESTOWN, NEW YORK	04/25/17 14:20	05/02/17
L1714053-03	B-7	SOIL	JAMESTOWN, NEW YORK	04/26/17 09:40	05/02/17
L1714053-04	B-11	SOIL	JAMESTOWN, NEW YORK	04/26/17 12:05	05/02/17
L1714053-05	B-18	SOIL	JAMESTOWN, NEW YORK	04/27/17 08:30	05/02/17
L1714053-06	B-20	SOIL	JAMESTOWN, NEW YORK	04/27/17 10:00	05/02/17
L1714053-07	B-22	SOIL	JAMESTOWN, NEW YORK	04/27/17 11:15	05/02/17
L1714053-08	B-28	SOIL	JAMESTOWN, NEW YORK	04/27/17 15:30	05/02/17
L1714053-09	B-29	SOIL	JAMESTOWN, NEW YORK	04/28/17 09:10	05/02/17
L1714053-10	B-34	SOIL	JAMESTOWN, NEW YORK	04/28/17 12:00	05/02/17
L1714053-11	S-1	SOIL	JAMESTOWN, NEW YORK	04/25/17 08:00	05/02/17

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 31 WATER STREET **Lab Number:** L1714053
Project Number: BEV-17-007 **Report Date:** 05/09/17

Case Narrative (continued)

Report Submission

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

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.

L1714053-02: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (133%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report. The results are not considered to be biased.

PCBs

L1714053-05 and -11: 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.

Metals

L1714053-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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: Melissa Cripps Melissa Cripps

Title: Technical Director/Representative Date: 05/09/17

ORGANICS

VOLATILES

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-01 D
Client ID: B-1
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/17 18:14
Analyst: MV
Percent Solids: 77%

Date Collected: 04/25/17 11:15
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3600	600	5
1,1-Dichloroethane	ND		ug/kg	540	97.	5
Chloroform	ND		ug/kg	540	130	5
Carbon tetrachloride	ND		ug/kg	360	120	5
1,2-Dichloropropane	ND		ug/kg	1300	82.	5
Dibromochloromethane	ND		ug/kg	360	64.	5
1,1,2-Trichloroethane	ND		ug/kg	540	110	5
Tetrachloroethene	ND		ug/kg	360	110	5
Chlorobenzene	ND		ug/kg	360	120	5
Trichlorofluoromethane	ND		ug/kg	1800	150	5
1,2-Dichloroethane	ND		ug/kg	360	89.	5
1,1,1-Trichloroethane	ND		ug/kg	360	130	5
Bromodichloromethane	ND		ug/kg	360	110	5
trans-1,3-Dichloropropene	ND		ug/kg	360	75.	5
cis-1,3-Dichloropropene	ND		ug/kg	360	83.	5
Bromoform	ND		ug/kg	1400	86.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	360	110	5
Benzene	ND		ug/kg	360	70.	5
Toluene	ND		ug/kg	540	70.	5
Ethylbenzene	ND		ug/kg	360	61.	5
Chloromethane	ND		ug/kg	1800	160	5
Bromomethane	ND		ug/kg	720	120	5
Vinyl chloride	ND		ug/kg	720	110	5
Chloroethane	ND		ug/kg	720	110	5
1,1-Dichloroethene	ND		ug/kg	360	130	5
trans-1,2-Dichloroethene	ND		ug/kg	540	87.	5
Trichloroethene	56000		ug/kg	360	110	5
1,2-Dichlorobenzene	ND		ug/kg	1800	66.	5
1,3-Dichlorobenzene	ND		ug/kg	1800	79.	5
1,4-Dichlorobenzene	ND		ug/kg	1800	66.	5

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-01 D Date Collected: 04/25/17 11:15

Client ID: B-1 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	720	55.	5
p/m-Xylene	ND		ug/kg	720	130	5
o-Xylene	ND		ug/kg	720	120	5
cis-1,2-Dichloroethene	7700		ug/kg	360	120	5
Styrene	ND		ug/kg	720	140	5
Dichlorodifluoromethane	ND		ug/kg	3600	180	5
Acetone	ND		ug/kg	3600	830	5
Carbon disulfide	1900	J	ug/kg	3600	400	5
2-Butanone	ND		ug/kg	3600	250	5
4-Methyl-2-pentanone	ND		ug/kg	3600	88.	5
2-Hexanone	ND		ug/kg	3600	240	5
Bromochloromethane	ND		ug/kg	1800	130	5
1,2-Dibromoethane	ND		ug/kg	1400	72.	5
n-Butylbenzene	ND		ug/kg	360	82.	5
sec-Butylbenzene	ND		ug/kg	360	78.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1800	140	5
Isopropylbenzene	ND		ug/kg	360	70.	5
p-Isopropyltoluene	ND		ug/kg	360	73.	5
Naphthalene	60	J	ug/kg	1800	50.	5
n-Propylbenzene	ND		ug/kg	360	78.	5
1,2,3-Trichlorobenzene	ND		ug/kg	1800	91.	5
1,2,4-Trichlorobenzene	ND		ug/kg	1800	78.	5
1,3,5-Trimethylbenzene	ND		ug/kg	1800	58.	5
1,2,4-Trimethylbenzene	ND		ug/kg	1800	67.	5
Methyl Acetate	ND		ug/kg	7200	170	5
Cyclohexane	ND		ug/kg	7200	160	5
1,4-Dioxane	ND		ug/kg	14000	5200	5
Freon-113	ND		ug/kg	7200	180	5
Methyl cyclohexane	ND		ug/kg	1400	87.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-02
Client ID: B-4
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:32
Analyst: MV
Percent Solids: 72%

Date Collected: 04/25/17 14:20
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.31	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.40	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.36	1
Tetrachloroethene	3.2		ug/kg	1.2	0.35	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.41	1
Bromodichloromethane	ND		ug/kg	1.2	0.36	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.27	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.34	1
Benzene	0.31	J	ug/kg	1.2	0.22	1
Toluene	ND		ug/kg	1.7	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Chloromethane	ND		ug/kg	5.8	0.51	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	2.3		ug/kg	2.3	0.36	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.43	1
trans-1,2-Dichloroethene	0.29	J	ug/kg	1.7	0.28	1
Trichloroethene	53		ug/kg	1.2	0.35	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.21	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-02 Date Collected: 04/25/17 14:20

Client ID: B-4 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.18	1
p/m-Xylene	ND		ug/kg	2.3	0.41	1
o-Xylene	ND		ug/kg	2.3	0.39	1
cis-1,2-Dichloroethene	8.9		ug/kg	1.2	0.40	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	12	0.58	1
Acetone	54		ug/kg	12	2.6	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	8.9	J	ug/kg	12	0.80	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.41	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.23	1
n-Butylbenzene	ND		ug/kg	1.2	0.26	1
sec-Butylbenzene	0.54	J	ug/kg	1.2	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Isopropylbenzene	ND		ug/kg	1.2	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.23	1
Naphthalene	ND		ug/kg	5.8	0.16	1
n-Propylbenzene	ND		ug/kg	1.2	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.25	1
1,3,5-Trimethylbenzene	0.20	J	ug/kg	5.8	0.19	1
1,2,4-Trimethylbenzene	0.78	J	ug/kg	5.8	0.22	1
Methyl Acetate	ND		ug/kg	23	0.54	1
Cyclohexane	ND		ug/kg	23	0.50	1
1,4-Dioxane	ND		ug/kg	46	17.	1
Freon-113	ND		ug/kg	23	0.60	1
Methyl cyclohexane	ND		ug/kg	4.6	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	**133**	Q	70-130
Dibromofluoromethane	104		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-03
Client ID: B-7
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/17 17:17
Analyst: CBN
Percent Solids: 65%

Date Collected: 04/26/17 09:40
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.4	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.38	1
Chloroform	ND		ug/kg	2.1	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.49	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.45	1
Tetrachloroethene	ND		ug/kg	1.4	0.43	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.1	0.59	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.50	1
Bromodichloromethane	ND		ug/kg	1.4	0.44	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.33	1
Bromoform	ND		ug/kg	5.7	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.42	1
Benzene	0.87	J	ug/kg	1.4	0.28	1
Toluene	1.1	J	ug/kg	2.1	0.28	1
Ethylbenzene	0.45	J	ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.1	0.62	1
Bromomethane	ND		ug/kg	2.8	0.48	1
Vinyl chloride	ND		ug/kg	2.8	0.45	1
Chloroethane	ND		ug/kg	2.8	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.53	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.34	1
Trichloroethene	6.5		ug/kg	1.4	0.43	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	0.26	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-03 Date Collected: 04/26/17 09:40

Client ID: B-7 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.22	1
p/m-Xylene	ND		ug/kg	2.8	0.50	1
o-Xylene	ND		ug/kg	2.8	0.48	1
cis-1,2-Dichloroethene	1.2	J	ug/kg	1.4	0.49	1
Styrene	ND		ug/kg	2.8	0.57	1
Dichlorodifluoromethane	ND		ug/kg	14	0.71	1
Acetone	340		ug/kg	14	3.3	1
Carbon disulfide	4.2	J	ug/kg	14	1.6	1
2-Butanone	66		ug/kg	14	0.98	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
2-Hexanone	ND		ug/kg	14	0.95	1
Bromochloromethane	ND		ug/kg	7.1	0.51	1
1,2-Dibromoethane	ND		ug/kg	5.7	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.32	1
sec-Butylbenzene	ND		ug/kg	1.4	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	0.56	1
Isopropylbenzene	ND		ug/kg	1.4	0.28	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.29	1
Naphthalene	6.3	J	ug/kg	7.1	0.20	1
n-Propylbenzene	ND		ug/kg	1.4	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	0.31	1
1,3,5-Trimethylbenzene	0.79	J	ug/kg	7.1	0.23	1
1,2,4-Trimethylbenzene	1.4	J	ug/kg	7.1	0.26	1
Methyl Acetate	ND		ug/kg	28	0.66	1
Cyclohexane	ND		ug/kg	28	0.62	1
1,4-Dioxane	ND		ug/kg	57	20.	1
Freon-113	ND		ug/kg	28	0.73	1
Methyl cyclohexane	0.60	J	ug/kg	5.7	0.34	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	103		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-04
Client ID: B-11
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/17 17:43
Analyst: CBN
Percent Solids: 71%

Date Collected: 04/26/17 12:05
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.42	1
Bromodichloromethane	ND		ug/kg	1.2	0.37	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.53	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.38	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.29	1
Trichloroethene	ND		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-04 Date Collected: 04/26/17 12:05

Client ID: B-11 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.42	1
o-Xylene	ND		ug/kg	2.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.41	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	53		ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	11	J	ug/kg	12	0.84	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.43	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	0.22	J	ug/kg	6.1	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.22	1
Methyl Acetate	ND		ug/kg	24	0.56	1
Cyclohexane	ND		ug/kg	24	0.52	1
1,4-Dioxane	ND		ug/kg	48	17.	1
Freon-113	ND		ug/kg	24	0.62	1
Methyl cyclohexane	ND		ug/kg	4.8	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05
Client ID: B-18
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/17 18:08
Analyst: CBN
Percent Solids: 78%

Date Collected: 04/27/17 08:30
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.34	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.44	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.38	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.45	1
Bromodichloromethane	ND		ug/kg	1.3	0.39	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.30	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.38	1
Benzene	ND		ug/kg	1.3	0.25	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.4	0.56	1
Bromomethane	ND		ug/kg	2.6	0.43	1
Vinyl chloride	41		ug/kg	2.6	0.40	1
Chloroethane	ND		ug/kg	2.6	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.31	1
Trichloroethene	2.6		ug/kg	1.3	0.38	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.23	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05 Date Collected: 04/27/17 08:30

Client ID: B-18 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.45	1
o-Xylene	ND		ug/kg	2.6	0.43	1
cis-1,2-Dichloroethene	10		ug/kg	1.3	0.44	1
Styrene	ND		ug/kg	2.6	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.64	1
Acetone	ND		ug/kg	13	2.9	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.88	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
2-Hexanone	ND		ug/kg	13	0.85	1
Bromochloromethane	ND		ug/kg	6.4	0.46	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.25	1
n-Butylbenzene	ND		ug/kg	1.3	0.29	1
sec-Butylbenzene	ND		ug/kg	1.3	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.50	1
Isopropylbenzene	ND		ug/kg	1.3	0.25	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.4	0.18	1
n-Propylbenzene	ND		ug/kg	1.3	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.24	1
Methyl Acetate	ND		ug/kg	26	0.59	1
Cyclohexane	ND		ug/kg	26	0.55	1
1,4-Dioxane	ND		ug/kg	51	18.	1
Freon-113	ND		ug/kg	26	0.66	1
Methyl cyclohexane	ND		ug/kg	5.1	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06
Client ID: B-20
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/17 18:34
Analyst: CBN
Percent Solids: 65%

Date Collected: 04/27/17 10:00
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.2	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.37	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.47	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.43	1
Tetrachloroethene	ND		ug/kg	1.4	0.41	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.57	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.48	1
Bromodichloromethane	ND		ug/kg	1.4	0.42	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.32	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.41	1
Benzene	ND		ug/kg	1.4	0.26	1
Toluene	0.31	J	ug/kg	2.0	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.23	1
Chloromethane	ND		ug/kg	6.8	0.60	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.43	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.51	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.33	1
Trichloroethene	23		ug/kg	1.4	0.41	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.25	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06 Date Collected: 04/27/17 10:00

Client ID: B-20 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.7	0.21	1
p/m-Xylene	ND		ug/kg	2.7	0.48	1
o-Xylene	ND		ug/kg	2.7	0.46	1
cis-1,2-Dichloroethene	1.8		ug/kg	1.4	0.47	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.68	1
Acetone	180		ug/kg	14	3.1	1
Carbon disulfide	3.7	J	ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.94	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.8	0.49	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.27	1
n-Butylbenzene	ND		ug/kg	1.4	0.31	1
sec-Butylbenzene	ND		ug/kg	1.4	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Isopropylbenzene	ND		ug/kg	1.4	0.26	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.28	1
Naphthalene	ND		ug/kg	6.8	0.19	1
n-Propylbenzene	ND		ug/kg	1.4	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.25	1
Methyl Acetate	ND		ug/kg	27	0.63	1
Cyclohexane	9.5	J	ug/kg	27	0.59	1
1,4-Dioxane	ND		ug/kg	55	20.	1
Freon-113	ND		ug/kg	27	0.70	1
Methyl cyclohexane	ND		ug/kg	5.5	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07
Client ID: B-22
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/07/17 19:00
Analyst: CBN
Percent Solids: 85%

Date Collected: 04/27/17 11:15
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	1.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.25	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.93	0.32	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.21	1
Dibromochloromethane	ND		ug/kg	0.93	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.93	0.28	1
Chlorobenzene	ND		ug/kg	0.93	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.39	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.93	0.32	1
Bromodichloromethane	ND		ug/kg	0.93	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.93	0.21	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.93	0.28	1
Benzene	ND		ug/kg	0.93	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.16	1
Chloromethane	ND		ug/kg	4.6	0.40	1
Bromomethane	ND		ug/kg	1.8	0.31	1
Vinyl chloride	ND		ug/kg	1.8	0.29	1
Chloroethane	ND		ug/kg	1.8	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.22	1
Trichloroethene	0.54	J	ug/kg	0.93	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.17	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07 Date Collected: 04/27/17 11:15

Client ID: B-22 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.14	1
p/m-Xylene	ND		ug/kg	1.8	0.33	1
o-Xylene	ND		ug/kg	1.8	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.32	1
Styrene	ND		ug/kg	1.8	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.46	1
Acetone	39		ug/kg	9.3	2.1	1
Carbon disulfide	ND		ug/kg	9.3	1.0	1
2-Butanone	ND		ug/kg	9.3	0.64	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	0.23	1
2-Hexanone	ND		ug/kg	9.3	0.62	1
Bromochloromethane	ND		ug/kg	4.6	0.33	1
1,2-Dibromoethane	ND		ug/kg	3.7	0.18	1
n-Butylbenzene	ND		ug/kg	0.93	0.21	1
sec-Butylbenzene	ND		ug/kg	0.93	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.37	1
Isopropylbenzene	ND		ug/kg	0.93	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.19	1
Naphthalene	ND		ug/kg	4.6	0.13	1
n-Propylbenzene	ND		ug/kg	0.93	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.17	1
Methyl Acetate	ND		ug/kg	18	0.43	1
Cyclohexane	ND		ug/kg	18	0.40	1
1,4-Dioxane	ND		ug/kg	37	13.	1
Freon-113	ND		ug/kg	18	0.48	1
Methyl cyclohexane	ND		ug/kg	3.7	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-08
Client ID: B-28
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:58
Analyst: MV
Percent Solids: 81%

Date Collected: 04/27/17 15:30
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.42	1
Bromodichloromethane	ND		ug/kg	1.2	0.37	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	0.35	J	ug/kg	1.8	0.24	1
Ethylbenzene	1.1	J	ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.53	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	77		ug/kg	2.4	0.38	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.45	1
trans-1,2-Dichloroethene	1.5	J	ug/kg	1.8	0.29	1
Trichloroethene	0.87	J	ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-08 Date Collected: 04/27/17 15:30

Client ID: B-28 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	5.4		ug/kg	2.4	0.42	1
o-Xylene	3.2		ug/kg	2.4	0.41	1
cis-1,2-Dichloroethene	58		ug/kg	1.2	0.41	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	4.4	J	ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.84	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.43	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.24	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	ND		ug/kg	6.1	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.22	1
Methyl Acetate	ND		ug/kg	24	0.56	1
Cyclohexane	ND		ug/kg	24	0.52	1
1,4-Dioxane	ND		ug/kg	48	17.	1
Freon-113	ND		ug/kg	24	0.62	1
Methyl cyclohexane	ND		ug/kg	4.8	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09
Client ID: B-29
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/17 10:24
Analyst: MV
Percent Solids: 73%

Date Collected: 04/28/17 09:10
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.29	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.36	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.0	0.32	1
Chlorobenzene	ND		ug/kg	1.0	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.37	1
Bromodichloromethane	ND		ug/kg	1.0	0.33	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.24	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	0.77	J	ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.0	0.18	1
Chloromethane	ND		ug/kg	5.3	0.46	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	16		ug/kg	2.1	0.33	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.39	1
trans-1,2-Dichloroethene	0.57	J	ug/kg	1.6	0.26	1
Trichloroethene	10		ug/kg	1.0	0.32	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.19	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09 Date Collected: 04/28/17 09:10

Client ID: B-29 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.1	0.16	1
p/m-Xylene	ND		ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.36	1
cis-1,2-Dichloroethene	22		ug/kg	1.0	0.36	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.53	1
Acetone	38		ug/kg	10	2.4	1
Carbon disulfide	ND		ug/kg	10	1.2	1
2-Butanone	5.9	J	ug/kg	10	0.73	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.3	0.38	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.21	1
n-Butylbenzene	ND		ug/kg	1.0	0.24	1
sec-Butylbenzene	ND		ug/kg	1.0	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.42	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	ND		ug/kg	5.3	0.15	1
n-Propylbenzene	ND		ug/kg	1.0	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.20	1
Methyl Acetate	ND		ug/kg	21	0.49	1
Cyclohexane	ND		ug/kg	21	0.46	1
1,4-Dioxane	ND		ug/kg	42	15.	1
Freon-113	ND		ug/kg	21	0.54	1
Methyl cyclohexane	ND		ug/kg	4.2	0.25	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	102		70-130

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-10
Client ID: B-34
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/08/17 10:51
Analyst: MV
Percent Solids: 60%

Date Collected: 04/28/17 12:00
Date Received: 05/02/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	15	2.4	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.40	1
Chloroform	ND		ug/kg	2.2	0.55	1
Carbon tetrachloride	ND		ug/kg	1.5	0.51	1
1,2-Dichloropropane	ND		ug/kg	5.2	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.46	1
Tetrachloroethene	ND		ug/kg	1.5	0.45	1
Chlorobenzene	ND		ug/kg	1.5	0.52	1
Trichlorofluoromethane	ND		ug/kg	7.4	0.62	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.52	1
Bromodichloromethane	ND		ug/kg	1.5	0.46	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.34	1
Bromoform	ND		ug/kg	5.9	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.44	1
Benzene	ND		ug/kg	1.5	0.29	1
Toluene	ND		ug/kg	2.2	0.29	1
Ethylbenzene	ND		ug/kg	1.5	0.25	1
Chloromethane	ND		ug/kg	7.4	0.65	1
Bromomethane	ND		ug/kg	3.0	0.50	1
Vinyl chloride	7.8		ug/kg	3.0	0.47	1
Chloroethane	ND		ug/kg	3.0	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.55	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.36	1
Trichloroethene	5.8		ug/kg	1.5	0.45	1
1,2-Dichlorobenzene	ND		ug/kg	7.4	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	7.4	0.32	1
1,4-Dichlorobenzene	ND		ug/kg	7.4	0.27	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-10 Date Collected: 04/28/17 12:00

Client ID: B-34 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.0	0.23	1
p/m-Xylene	ND		ug/kg	3.0	0.52	1
o-Xylene	ND		ug/kg	3.0	0.50	1
cis-1,2-Dichloroethene	4.4		ug/kg	1.5	0.51	1
Styrene	ND		ug/kg	3.0	0.59	1
Dichlorodifluoromethane	ND		ug/kg	15	0.74	1
Acetone	110		ug/kg	15	3.4	1
Carbon disulfide	ND		ug/kg	15	1.6	1
2-Butanone	18		ug/kg	15	1.0	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.36	1
2-Hexanone	ND		ug/kg	15	0.99	1
Bromochloromethane	ND		ug/kg	7.4	0.53	1
1,2-Dibromoethane	ND		ug/kg	5.9	0.30	1
n-Butylbenzene	ND		ug/kg	1.5	0.34	1
sec-Butylbenzene	ND		ug/kg	1.5	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	0.59	1
Isopropylbenzene	ND		ug/kg	1.5	0.29	1
p-Isopropyltoluene	0.61	J	ug/kg	1.5	0.30	1
Naphthalene	ND		ug/kg	7.4	0.20	1
n-Propylbenzene	ND		ug/kg	1.5	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.4	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.4	0.28	1
Methyl Acetate	ND		ug/kg	30	0.69	1
Cyclohexane	ND		ug/kg	30	0.64	1
1,4-Dioxane	ND		ug/kg	59	21.	1
Freon-113	ND		ug/kg	30	0.76	1
Methyl cyclohexane	ND		ug/kg	5.9	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/17 10:27
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG1001209-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/17 10:27
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG1001209-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
Methyl Acetate	ND		ug/kg	20	0.46
Cyclohexane	ND		ug/kg	20	0.43
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/07/17 10:27
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG1001209-5					
Methyl cyclohexane	ND		ug/kg	4.0	0.24

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

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:06
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,08-10 Batch: WG1001333-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: 31 WATER STREET
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Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:06
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,08-10 Batch: WG1001333-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	2.2	J	ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
Methyl Acetate	ND		ug/kg	20	0.46
Cyclohexane	ND		ug/kg	20	0.43
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:06
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,08-10 Batch: WG1001333-5					
Methyl cyclohexane	ND		ug/kg	4.0	0.24

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 31 WATER STREET
Project Number: BEV-17-007

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:06
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1001547-5					
Methylene chloride	ND		ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	18	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:06
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1001547-5					
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	470	J	ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
1,2-Dibromoethane	ND		ug/kg	200	10.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	11.
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3
Methyl Acetate	ND		ug/kg	1000	23.
Cyclohexane	ND		ug/kg	1000	22.
1,4-Dioxane	ND		ug/kg	2000	720
Freon-113	ND		ug/kg	1000	26.

Project Name: 31 WATER STREET
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Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/08/17 09:06
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1001547-5					
Methyl cyclohexane	ND		ug/kg	200	12.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG1001209-3 WG1001209-4								
Methylene chloride	90		90		70-130	0		30
1,1-Dichloroethane	91		91		70-130	0		30
Chloroform	92		91		70-130	1		30
Carbon tetrachloride	94		92		70-130	2		30
1,2-Dichloropropane	90		89		70-130	1		30
Dibromochloromethane	90		89		70-130	1		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	94		91		70-130	3		30
Chlorobenzene	89		88		70-130	1		30
Trichlorofluoromethane	101		98		70-139	3		30
1,2-Dichloroethane	93		92		70-130	1		30
1,1,1-Trichloroethane	96		94		70-130	2		30
Bromodichloromethane	91		89		70-130	2		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	91		91		70-130	0		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	86		87		70-130	1		30
Benzene	91		90		70-130	1		30
Toluene	88		88		70-130	0		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	88		87		52-130	1		30
Bromomethane	103		100		57-147	3		30
Vinyl chloride	93		94		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG1001209-3 WG1001209-4								
Chloroethane	98		97		50-151	1		30
1,1-Dichloroethene	97		94		65-135	3		30
trans-1,2-Dichloroethene	93		91		70-130	2		30
Trichloroethene	92		92		70-130	0		30
1,2-Dichlorobenzene	86		86		70-130	0		30
1,3-Dichlorobenzene	87		87		70-130	0		30
1,4-Dichlorobenzene	86		85		70-130	1		30
Methyl tert butyl ether	95		94		66-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	92		91		70-130	1		30
Styrene	89		89		70-130	0		30
Dichlorodifluoromethane	100		98		30-146	2		30
Acetone	95		92		54-140	3		30
Carbon disulfide	82		81		59-130	1		30
2-Butanone	96		95		70-130	1		30
4-Methyl-2-pentanone	90		90		70-130	0		30
2-Hexanone	86		84		70-130	2		30
Bromochloromethane	95		95		70-130	0		30
1,2-Dibromoethane	92		92		70-130	0		30
n-Butylbenzene	88		88		70-130	0		30
sec-Butylbenzene	89		88		70-130	1		30
1,2-Dibromo-3-chloropropane	82		85		68-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG1001209-3 WG1001209-4								
Isopropylbenzene	88		86		70-130	2		30
p-Isopropyltoluene	88		88		70-130	0		30
Naphthalene	87		85		70-130	2		30
n-Propylbenzene	87		85		70-130	2		30
1,2,3-Trichlorobenzene	87		87		70-130	0		30
1,2,4-Trichlorobenzene	88		86		70-130	2		30
1,3,5-Trimethylbenzene	88		87		70-130	1		30
1,2,4-Trimethylbenzene	87		86		70-130	1		30
Methyl Acetate	93		94		51-146	1		30
Cyclohexane	94		91		59-142	3		30
1,4-Dioxane	92		94		65-136	2		30
Freon-113	100		98		50-139	2		30
Methyl cyclohexane	96		94		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08-10 Batch: WG1001333-3 WG1001333-4								
Methylene chloride	98		100		70-130	2		30
1,1-Dichloroethane	98		102		70-130	4		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	93		96		70-130	3		30
1,2-Dichloropropane	98		100		70-130	2		30
Dibromochloromethane	84		86		70-130	2		30
1,1,2-Trichloroethane	92		95		70-130	3		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	101		104		70-139	3		30
1,2-Dichloroethane	100		102		70-130	2		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	93		96		70-130	3		30
trans-1,3-Dichloropropene	91		92		70-130	1		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
Bromoform	78		78		70-130	0		30
1,1,2,2-Tetrachloroethane	94		96		70-130	2		30
Benzene	100		102		70-130	2		30
Toluene	90		91		70-130	1		30
Ethylbenzene	90		91		70-130	1		30
Chloromethane	117		122		52-130	4		30
Bromomethane	102		110		57-147	8		30
Vinyl chloride	103		108		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

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Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08-10 Batch: WG1001333-3 WG1001333-4								
Chloroethane	103		106		50-151	3		30
1,1-Dichloroethene	80		82		65-135	2		30
trans-1,2-Dichloroethene	97		100		70-130	3		30
Trichloroethene	96		98		70-130	2		30
1,2-Dichlorobenzene	80		83		70-130	4		30
1,3-Dichlorobenzene	82		84		70-130	2		30
1,4-Dichlorobenzene	89		89		70-130	0		30
Methyl tert butyl ether	96		99		66-130	3		30
p/m-Xylene	92		94		70-130	2		30
o-Xylene	93		94		70-130	1		30
cis-1,2-Dichloroethene	97		100		70-130	3		30
Styrene	89		91		70-130	2		30
Dichlorodifluoromethane	98		102		30-146	4		30
Acetone	121		130		54-140	7		30
Carbon disulfide	**55**	Q	**56**	Q	59-130	2		30
2-Butanone	116		111		70-130	4		30
4-Methyl-2-pentanone	90		97		70-130	7		30
2-Hexanone	107		110		70-130	3		30
Bromochloromethane	95		98		70-130	3		30
1,2-Dibromoethane	86		87		70-130	1		30
n-Butylbenzene	91		92		70-130	1		30
sec-Butylbenzene	87		89		70-130	2		30
1,2-Dibromo-3-chloropropane	78		79		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08-10 Batch: WG1001333-3 WG1001333-4								
Isopropylbenzene	88		90		70-130	2		30
p-Isopropyltoluene	87		88		70-130	1		30
Naphthalene	84		86		70-130	2		30
n-Propylbenzene	91		91		70-130	0		30
1,2,3-Trichlorobenzene	84		87		70-130	4		30
1,2,4-Trichlorobenzene	88		88		70-130	0		30
1,3,5-Trimethylbenzene	87		89		70-130	2		30
1,2,4-Trimethylbenzene	87		88		70-130	1		30
Methyl Acetate	110		114		51-146	4		30
Cyclohexane	98		103		59-142	5		30
1,4-Dioxane	74		76		65-136	3		30
Freon-113	76		77		50-139	1		30
Methyl cyclohexane	95		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		104		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	100		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1001547-3 WG1001547-4								
Methylene chloride	112		111		70-130	1		30
1,1-Dichloroethane	117		117		70-130	0		30
Chloroform	113		114		70-130	1		30
Carbon tetrachloride	115		115		70-130	0		30
1,2-Dichloropropane	115		117		70-130	2		30
Dibromochloromethane	125		126		70-130	1		30
1,1,2-Trichloroethane	118		114		70-130	3		30
Tetrachloroethene	113		110		70-130	3		30
Chlorobenzene	110		109		70-130	1		30
Trichlorofluoromethane	88		87		70-139	1		30
1,2-Dichloroethane	106		107		70-130	1		30
1,1,1-Trichloroethane	117		117		70-130	0		30
Bromodichloromethane	117		119		70-130	2		30
trans-1,3-Dichloropropene	121		122		70-130	1		30
cis-1,3-Dichloropropene	118		121		70-130	3		30
Bromoform	113		115		70-130	2		30
1,1,2,2-Tetrachloroethane	116		116		70-130	0		30
Benzene	115		114		70-130	1		30
Toluene	111		110		70-130	1		30
Ethylbenzene	106		106		70-130	0		30
Chloromethane	**133**	Q	130		52-130	2		30
Bromomethane	92		91		57-147	1		30
Vinyl chloride	93		92		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1001547-3 WG1001547-4								
Chloroethane	88		88		50-151	0		30
1,1-Dichloroethene	116		117		65-135	1		30
trans-1,2-Dichloroethene	116		116		70-130	0		30
Trichloroethene	112		112		70-130	0		30
1,2-Dichlorobenzene	111		107		70-130	4		30
1,3-Dichlorobenzene	109		107		70-130	2		30
1,4-Dichlorobenzene	109		107		70-130	2		30
Methyl tert butyl ether	114		116		66-130	2		30
p/m-Xylene	109		106		70-130	3		30
o-Xylene	108		107		70-130	1		30
cis-1,2-Dichloroethene	113		114		70-130	1		30
Styrene	108		107		70-130	1		30
Dichlorodifluoromethane	96		94		30-146	2		30
Acetone	126		121		54-140	4		30
Carbon disulfide	102		101		59-130	1		30
2-Butanone	128		129		70-130	1		30
4-Methyl-2-pentanone	120		117		70-130	3		30
2-Hexanone	112		113		70-130	1		30
Bromochloromethane	116		117		70-130	1		30
1,2-Dibromoethane	115		115		70-130	0		30
n-Butylbenzene	112		110		70-130	2		30
sec-Butylbenzene	108		106		70-130	2		30
1,2-Dibromo-3-chloropropane	113		115		68-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1001547-3 WG1001547-4								
Isopropylbenzene	108		105		70-130	3		30
p-Isopropyltoluene	110		107		70-130	3		30
Naphthalene	112		112		70-130	0		30
n-Propylbenzene	109		106		70-130	3		30
1,2,3-Trichlorobenzene	114		111		70-130	3		30
1,2,4-Trichlorobenzene	111		108		70-130	3		30
1,3,5-Trimethylbenzene	110		107		70-130	3		30
1,2,4-Trimethylbenzene	109		106		70-130	3		30
Methyl Acetate	128		133		51-146	4		30
Cyclohexane	118		117		59-142	1		30
1,4-Dioxane	92		96		65-136	4		30
Freon-113	116		115		50-139	1		30
Methyl cyclohexane	108		109		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-01
Client ID: B-1
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 17:53
Analyst: RC
Percent Solids: 77%

Date Collected: 04/25/17 11:15
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	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
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	ND		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	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		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
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-01 Date Collected: 04/25/17 11:15

Client ID: B-1 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	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	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		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	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-01 Date Collected: 04/25/17 11:15

Client ID: B-1 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	55		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-02
Client ID: B-4
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 21:34
Analyst: RC
Percent Solids: 72%

Date Collected: 04/25/17 14:20
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	34	J	ug/kg	180	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	460		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	1300		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	270		ug/kg	140	26.	1
Benzo(a)pyrene	290		ug/kg	180	56.	1
Benzo(b)fluoranthene	330		ug/kg	140	38.	1
Benzo(k)fluoranthene	110	J	ug/kg	140	36.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-02 Date Collected: 04/25/17 14:20

Client ID: B-4 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	270		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	66	J	ug/kg	140	44.	1
Benzo(ghi)perylene	180		ug/kg	180	27.	1
Fluorene	26	J	ug/kg	230	22.	1
Phenanthrene	180		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	43	J	ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	180	32.	1
Pyrene	440		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	53.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	270	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Carbazole	ND		ug/kg	230	22.	1
Atrazine	ND		ug/kg	180	80.	1
Benzaldehyde	ND		ug/kg	300	62.	1
Caprolactam	ND		ug/kg	230	69.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	46.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-02 Date Collected: 04/25/17 14:20

Client ID: B-4 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	40		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-03
Client ID: B-7
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 21:07
Analyst: RC
Percent Solids: 65%

Date Collected: 04/26/17 09:40
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	200	26.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	34.	1
2-Chloronaphthalene	ND		ug/kg	250	25.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	66.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	43.	1
Fluoranthene	360		ug/kg	150	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	43.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	37.	1
Hexachlorocyclopentadiene	ND		ug/kg	720	230	1
Hexachloroethane	ND		ug/kg	200	40.	1
Isophorone	ND		ug/kg	220	32.	1
Naphthalene	71	J	ug/kg	250	30.	1
Nitrobenzene	ND		ug/kg	220	37.	1
NDPA/DPA	35	J	ug/kg	200	28.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	39.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	86.	1
Butyl benzyl phthalate	ND		ug/kg	250	63.	1
Di-n-butylphthalate	ND		ug/kg	250	47.	1
Di-n-octylphthalate	ND		ug/kg	250	85.	1
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	52.	1
Benzo(a)anthracene	180		ug/kg	150	28.	1
Benzo(a)pyrene	180	J	ug/kg	200	61.	1
Benzo(b)fluoranthene	210		ug/kg	150	42.	1
Benzo(k)fluoranthene	72	J	ug/kg	150	40.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-03 Date Collected: 04/26/17 09:40

Client ID: B-7 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	180		ug/kg	150	26.	1
Acenaphthylene	ND		ug/kg	200	39.	1
Anthracene	59	J	ug/kg	150	49.	1
Benzo(ghi)perylene	100	J	ug/kg	200	29.	1
Fluorene	33	J	ug/kg	250	24.	1
Phenanthrene	230		ug/kg	150	30.	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	200	35.	1
Pyrene	320		ug/kg	150	25.	1
Biphenyl	ND		ug/kg	570	58.	1
4-Chloroaniline	ND		ug/kg	250	46.	1
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	47.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	ND		ug/kg	250	24.	1
2-Methylnaphthalene	ND		ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	ND		ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	47.	1
p-Chloro-m-cresol	ND		ug/kg	250	37.	1
2-Chlorophenol	ND		ug/kg	250	30.	1
2,4-Dichlorophenol	ND		ug/kg	220	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	82.	1
2-Nitrophenol	ND		ug/kg	540	94.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	650	120	1
Pentachlorophenol	ND		ug/kg	200	55.	1
Phenol	ND		ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	39.	1
3-Methylphenol/4-Methylphenol	130	J	ug/kg	360	39.	1
2,4,5-Trichlorophenol	ND		ug/kg	250	48.	1
Carbazole	ND		ug/kg	250	24.	1
Atrazine	ND		ug/kg	200	88.	1
Benzaldehyde	ND		ug/kg	330	68.	1
Caprolactam	ND		ug/kg	250	76.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	250	50.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-03 Date Collected: 04/26/17 09:40

Client ID: B-7 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	34		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-04
Client ID: B-11
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 20:41
Analyst: RC
Percent Solids: 71%

Date Collected: 04/26/17 12:05
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	540		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	190	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	79.	1
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	350		ug/kg	140	26.	1
Benzo(a)pyrene	280		ug/kg	190	57.	1
Benzo(b)fluoranthene	320		ug/kg	140	39.	1
Benzo(k)fluoranthene	120	J	ug/kg	140	37.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-04 Date Collected: 04/26/17 12:05

Client ID: B-11 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	290		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	190	36.	1
Anthracene	100	J	ug/kg	140	46.	1
Benzo(ghi)perylene	110	J	ug/kg	190	27.	1
Fluorene	ND		ug/kg	230	23.	1
Phenanthrene	160		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	42	J	ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	190	32.	1
Pyrene	450		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	54.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	95.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Carbazole	ND		ug/kg	230	23.	1
Atrazine	ND		ug/kg	190	82.	1
Benzaldehyde	ND		ug/kg	310	63.	1
Caprolactam	ND		ug/kg	230	71.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	47.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-04 Date Collected: 04/26/17 12:05

Client ID: B-11 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	62		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05
Client ID: B-18
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 22:00
Analyst: RC
Percent Solids: 78%

Date Collected: 04/27/17 08:30
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	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	190		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	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	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	200	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	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	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	89	J	ug/kg	120	24.	1
Benzo(a)pyrene	110	J	ug/kg	170	51.	1
Benzo(b)fluoranthene	170		ug/kg	120	35.	1
Benzo(k)fluoranthene	57	J	ug/kg	120	34.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05 Date Collected: 04/27/17 08:30

Client ID: B-18 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	120		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	82	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	180		ug/kg	120	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	86	J	ug/kg	170	29.	1
Pyrene	170		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	50	J	ug/kg	210	20.	1
2-Methylnaphthalene	220	J	ug/kg	250	25.	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	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	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	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	57.	1
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05 Date Collected: 04/27/17 08:30

Client ID: B-18 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	47		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06
Client ID: B-20
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 18:19
Analyst: RC
Percent Solids: 65%

Date Collected: 04/27/17 10:00
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	200	26.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	34.	1
2-Chloronaphthalene	ND		ug/kg	250	25.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	67.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	43.	1
Fluoranthene	39	J	ug/kg	150	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	43.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	37.	1
Hexachlorocyclopentadiene	ND		ug/kg	720	230	1
Hexachloroethane	ND		ug/kg	200	41.	1
Isophorone	ND		ug/kg	230	33.	1
Naphthalene	ND		ug/kg	250	31.	1
Nitrobenzene	ND		ug/kg	230	37.	1
NDPA/DPA	ND		ug/kg	200	29.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	39.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	87.	1
Butyl benzyl phthalate	ND		ug/kg	250	63.	1
Di-n-butylphthalate	ND		ug/kg	250	48.	1
Di-n-octylphthalate	ND		ug/kg	250	86.	1
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	53.	1
Benzo(a)anthracene	30	J	ug/kg	150	28.	1
Benzo(a)pyrene	ND		ug/kg	200	61.	1
Benzo(b)fluoranthene	ND		ug/kg	150	42.	1
Benzo(k)fluoranthene	ND		ug/kg	150	40.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06 Date Collected: 04/27/17 10:00

Client ID: B-20 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	30	J	ug/kg	150	26.	1
Acenaphthylene	ND		ug/kg	200	39.	1
Anthracene	ND		ug/kg	150	49.	1
Benzo(ghi)perylene	ND		ug/kg	200	30.	1
Fluorene	ND		ug/kg	250	24.	1
Phenanthrene	ND		ug/kg	150	31.	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	200	35.	1
Pyrene	36	J	ug/kg	150	25.	1
Biphenyl	ND		ug/kg	570	58.	1
4-Chloroaniline	ND		ug/kg	250	46.	1
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	48.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	ND		ug/kg	250	24.	1
2-Methylnaphthalene	ND		ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	ND		ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	48.	1
p-Chloro-m-cresol	ND		ug/kg	250	38.	1
2-Chlorophenol	ND		ug/kg	250	30.	1
2,4-Dichlorophenol	ND		ug/kg	230	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	83.	1
2-Nitrophenol	ND		ug/kg	540	95.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	650	120	1
Pentachlorophenol	ND		ug/kg	200	55.	1
Phenol	ND		ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	39.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	360	39.	1
2,4,5-Trichlorophenol	ND		ug/kg	250	48.	1
Carbazole	ND		ug/kg	250	24.	1
Atrazine	ND		ug/kg	200	88.	1
Benzaldehyde	ND		ug/kg	330	68.	1
Caprolactam	ND		ug/kg	250	76.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	250	51.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06 Date Collected: 04/27/17 10:00

Client ID: B-20 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	39		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07
Client ID: B-22
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 22:26
Analyst: RC
Percent Solids: 85%

Date Collected: 04/27/17 11:15
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	430		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	19000	E	ug/kg	120	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	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	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	290		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	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	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	7800	E	ug/kg	120	22.	1
Benzo(a)pyrene	9000	E	ug/kg	150	47.	1
Benzo(b)fluoranthene	11000	E	ug/kg	120	32.	1
Benzo(k)fluoranthene	3700		ug/kg	120	31.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07 Date Collected: 04/27/17 11:15

Client ID: B-22 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	8800	E	ug/kg	120	20.	1
Acenaphthylene	640		ug/kg	150	30.	1
Anthracene	1300		ug/kg	120	37.	1
Benzo(ghi)perylene	4600		ug/kg	150	22.	1
Fluorene	500		ug/kg	190	19.	1
Phenanthrene	11000	E	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	1000		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	5300		ug/kg	150	27.	1
Pyrene	17000	E	ug/kg	120	19.	1
Biphenyl	59	J	ug/kg	440	44.	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	79.	1
Dibenzofuran	340		ug/kg	190	18.	1
2-Methylnaphthalene	170	J	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	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	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	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	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	66	J	ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	950		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07 Date Collected: 04/27/17 11:15

Client ID: B-22 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	57		18-120

Project Name: 31 WATER STREET
Lab Number: L1714053
Project Number: BEV-17-007
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07 D
Client ID: B-22
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/08/17 15:40
Analyst: RC
Percent Solids: 85%

Date Collected: 04/27/17 11:15
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	17000		ug/kg	580	110	5
Benzo(a)anthracene	7200		ug/kg	580	110	5
Benzo(a)pyrene	6600		ug/kg	770	230	5
Benzo(b)fluoranthene	8500		ug/kg	580	160	5
Chrysene	8800		ug/kg	580	100	5
Phenanthrene	11000		ug/kg	580	120	5
Pyrene	16000		ug/kg	580	95.	5

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-08
Client ID: B-28
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 22:52
Analyst: RC
Percent Solids: 81%

Date Collected: 04/27/17 15:30
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	2200		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	35.	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	120	J	ug/kg	200	25.	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	290		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	1300		ug/kg	120	23.	1
Benzo(a)pyrene	1100		ug/kg	160	50.	1
Benzo(b)fluoranthene	1400		ug/kg	120	34.	1
Benzo(k)fluoranthene	470		ug/kg	120	33.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-08 Date Collected: 04/27/17 15:30

Client ID: B-28 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	1300		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	440		ug/kg	120	40.	1
Benzo(ghi)perylene	570		ug/kg	160	24.	1
Fluorene	150	J	ug/kg	200	20.	1
Phenanthrene	2000		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	160		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	640		ug/kg	160	28.	1
Pyrene	2000		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	80	J	ug/kg	200	19.	1
2-Methylnaphthalene	160	J	ug/kg	240	25.	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	39.	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	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	120	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-08 Date Collected: 04/27/17 15:30

Client ID: B-28 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	41		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09
Client ID: B-29
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 23:18
Analyst: RC
Percent Solids: 73%

Date Collected: 04/28/17 09:10
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	840		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	7400		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	260		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	3400		ug/kg	130	25.	1
Benzo(a)pyrene	3100		ug/kg	180	54.	1
Benzo(b)fluoranthene	3800		ug/kg	130	38.	1
Benzo(k)fluoranthene	1300		ug/kg	130	36.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09 Date Collected: 04/28/17 09:10

Client ID: B-29 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	3200		ug/kg	130	23.	1
Acenaphthylene	110	J	ug/kg	180	34.	1
Anthracene	1800		ug/kg	130	44.	1
Benzo(ghi)perylene	1400		ug/kg	180	26.	1
Fluorene	970		ug/kg	220	22.	1
Phenanthrene	6800		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	430		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	180	31.	1
Pyrene	5800		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	530		ug/kg	220	21.	1
2-Methylnaphthalene	130	J	ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	960		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	300	60.	1
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09 Date Collected: 04/28/17 09:10

Client ID: B-29 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	43		18-120

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-10
Client ID: B-34
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/07/17 23:44
Analyst: RC
Percent Solids: 60%

Date Collected: 04/28/17 12:00
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	360		ug/kg	220	28.	1
Hexachlorobenzene	ND		ug/kg	160	31.	1
Bis(2-chloroethyl)ether	ND		ug/kg	250	37.	1
2-Chloronaphthalene	ND		ug/kg	280	27.	1
3,3'-Dichlorobenzidine	ND		ug/kg	280	73.	1
2,4-Dinitrotoluene	ND		ug/kg	280	55.	1
2,6-Dinitrotoluene	ND		ug/kg	280	47.	1
Fluoranthene	5700		ug/kg	160	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	280	30.	1
4-Bromophenyl phenyl ether	ND		ug/kg	280	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	330	47.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	300	28.	1
Hexachlorobutadiene	ND		ug/kg	280	40.	1
Hexachlorocyclopentadiene	ND		ug/kg	790	250	1
Hexachloroethane	ND		ug/kg	220	45.	1
Isophorone	ND		ug/kg	250	36.	1
Naphthalene	85	J	ug/kg	280	34.	1
Nitrobenzene	ND		ug/kg	250	41.	1
NDPA/DPA	ND		ug/kg	220	31.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	280	43.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	280	95.	1
Butyl benzyl phthalate	ND		ug/kg	280	70.	1
Di-n-butylphthalate	ND		ug/kg	280	52.	1
Di-n-octylphthalate	ND		ug/kg	280	94.	1
Diethyl phthalate	ND		ug/kg	280	26.	1
Dimethyl phthalate	ND		ug/kg	280	58.	1
Benzo(a)anthracene	2800		ug/kg	160	31.	1
Benzo(a)pyrene	2600		ug/kg	220	67.	1
Benzo(b)fluoranthene	3100		ug/kg	160	46.	1
Benzo(k)fluoranthene	1000		ug/kg	160	44.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-10 Date Collected: 04/28/17 12:00

Client ID: B-34 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	2500		ug/kg	160	29.	1
Acenaphthylene	100	J	ug/kg	220	43.	1
Anthracene	1200		ug/kg	160	54.	1
Benzo(ghi)perylene	1200		ug/kg	220	32.	1
Fluorene	430		ug/kg	280	27.	1
Phenanthrene	3700		ug/kg	160	34.	1
Dibenzo(a,h)anthracene	320		ug/kg	160	32.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	220	38.	1
Pyrene	5000		ug/kg	160	27.	1
Biphenyl	ND		ug/kg	630	64.	1
4-Chloroaniline	ND		ug/kg	280	50.	1
2-Nitroaniline	ND		ug/kg	280	53.	1
3-Nitroaniline	ND		ug/kg	280	52.	1
4-Nitroaniline	ND		ug/kg	280	110	1
Dibenzofuran	160	J	ug/kg	280	26.	1
2-Methylnaphthalene	80	J	ug/kg	330	33.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	280	29.	1
Acetophenone	ND		ug/kg	280	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	52.	1
p-Chloro-m-cresol	ND		ug/kg	280	41.	1
2-Chlorophenol	ND		ug/kg	280	33.	1
2,4-Dichlorophenol	ND		ug/kg	250	44.	1
2,4-Dimethylphenol	ND		ug/kg	280	91.	1
2-Nitrophenol	ND		ug/kg	600	100	1
4-Nitrophenol	ND		ug/kg	390	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	130	1
4,6-Dinitro-o-cresol	ND		ug/kg	720	130	1
Pentachlorophenol	ND		ug/kg	220	61.	1
Phenol	ND		ug/kg	280	42.	1
2-Methylphenol	ND		ug/kg	280	43.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	400	43.	1
2,4,5-Trichlorophenol	ND		ug/kg	280	53.	1
Carbazole	280		ug/kg	280	27.	1
Atrazine	ND		ug/kg	220	96.	1
Benzaldehyde	ND		ug/kg	360	74.	1
Caprolactam	ND		ug/kg	280	84.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	280	56.	1

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-10 Date Collected: 04/28/17 12:00

Client ID: B-34 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	52		18-120

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/05/17 00:08
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG999928-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
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	98	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	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	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.
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	28.

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/05/17 00:08
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG999928-1					
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	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
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	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/05/17 00:08
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/03/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG999928-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG999928-2 WG999928-3								
Acenaphthene	68		64		31-137	6		50
Hexachlorobenzene	74		70		40-140	6		50
Bis(2-chloroethyl)ether	70		62		40-140	12		50
2-Chloronaphthalene	75		67		40-140	11		50
3,3'-Dichlorobenzidine	45		47		40-140	4		50
2,4-Dinitrotoluene	74		72		40-132	3		50
2,6-Dinitrotoluene	82		72		40-140	13		50
Fluoranthene	67		67		40-140	0		50
4-Chlorophenyl phenyl ether	72		69		40-140	4		50
4-Bromophenyl phenyl ether	73		72		40-140	1		50
Bis(2-chloroisopropyl)ether	69		62		40-140	11		50
Bis(2-chloroethoxy)methane	75		66		40-117	13		50
Hexachlorobutadiene	73		69		40-140	6		50
Hexachlorocyclopentadiene	85		80		40-140	6		50
Hexachloroethane	66		61		40-140	8		50
Isophorone	74		66		40-140	11		50
Naphthalene	69		64		40-140	8		50
Nitrobenzene	72		65		40-140	10		50
NDPA/DPA	70		68		36-157	3		50
n-Nitrosodi-n-propylamine	72		64		32-121	12		50
Bis(2-ethylhexyl)phthalate	68		68		40-140	0		50
Butyl benzyl phthalate	66		65		40-140	2		50
Di-n-butylphthalate	67		67		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG999928-2 WG999928-3								
Di-n-octylphthalate	69		71		40-140	3		50
Diethyl phthalate	69		67		40-140	3		50
Dimethyl phthalate	79		72		40-140	9		50
Benzo(a)anthracene	67		68		40-140	1		50
Benzo(a)pyrene	67		72		40-140	7		50
Benzo(b)fluoranthene	68		71		40-140	4		50
Benzo(k)fluoranthene	66		71		40-140	7		50
Chrysene	67		68		40-140	1		50
Acenaphthylene	77		67		40-140	14		50
Anthracene	68		65		40-140	5		50
Benzo(ghi)perylene	66		70		40-140	6		50
Fluorene	69		66		40-140	4		50
Phenanthrene	66		66		40-140	0		50
Dibenzo(a,h)anthracene	66		70		40-140	6		50
Indeno(1,2,3-cd)pyrene	67		71		40-140	6		50
Pyrene	67		66		35-142	2		50
Biphenyl	78		71		54-104	9		50
4-Chloroaniline	**38**	Q	**35**	Q	40-140	8		50
2-Nitroaniline	79		71		47-134	11		50
3-Nitroaniline	47		45		26-129	4		50
4-Nitroaniline	66		63		41-125	5		50
Dibenzofuran	68		67		40-140	1		50
2-Methylnaphthalene	71		66		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG999928-2 WG999928-3								
1,2,4,5-Tetrachlorobenzene	80		74		40-117	8		50
Acetophenone	74		68		14-144	8		50
2,4,6-Trichlorophenol	82		74		30-130	10		50
p-Chloro-m-cresol	78		70		26-103	11		50
2-Chlorophenol	75		67		25-102	11		50
2,4-Dichlorophenol	80		71		30-130	12		50
2,4-Dimethylphenol	84		74		30-130	13		50
2-Nitrophenol	76		69		30-130	10		50
4-Nitrophenol	81		76		11-114	6		50
2,4-Dinitrophenol	54		46		4-130	16		50
4,6-Dinitro-o-cresol	67		65		10-130	3		50
Pentachlorophenol	53		51		17-109	4		50
Phenol	70		61		26-90	14		50
2-Methylphenol	76		66		30-130.	14		50
3-Methylphenol/4-Methylphenol	76		66		30-130	14		50
2,4,5-Trichlorophenol	82		74		30-130	10		50
Carbazole	66		66		54-128	0		50
Atrazine	83		86		40-140	4		50
Benzaldehyde	64		57		40-140	12		50
Caprolactam	91		82		15-130	10		50
2,3,4,6-Tetrachlorophenol	68		66		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG999928-2 WG999928-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		64		25-120
Phenol-d6	76		65		10-120
Nitrobenzene-d5	71		64		23-120
2-Fluorobiphenyl	74		68		30-120
2,4,6-Tribromophenol	75		73		10-136
4-Terphenyl-d14	67		66		18-120

PCBS

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-01	Date Collected:	04/25/17 11:15
Client ID:	B-1	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/03/17 10:03
Analytical Date:	05/05/17 00:54	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/04/17
Percent Solids:	77%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.2	3.33	1	A
Aroclor 1221	ND		ug/kg	42.2	3.89	1	A
Aroclor 1232	ND		ug/kg	42.2	4.94	1	A
Aroclor 1242	ND		ug/kg	42.2	5.16	1	A
Aroclor 1248	ND		ug/kg	42.2	3.56	1	A
Aroclor 1254	ND		ug/kg	42.2	3.47	1	A
Aroclor 1260	ND		ug/kg	42.2	3.21	1	A
Aroclor 1262	ND		ug/kg	42.2	2.09	1	A
Aroclor 1268	ND		ug/kg	42.2	6.11	1	A
PCBs, Total	ND		ug/kg	42.2	2.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-02	Date Collected:	04/25/17 14:20
Client ID:	B-4	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/03/17 10:03
Analytical Date:	05/05/17 01:07	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/04/17
Percent Solids:	72%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	45.2	3.57	1	A
Aroclor 1221	ND		ug/kg	45.2	4.17	1	A
Aroclor 1232	ND		ug/kg	45.2	5.30	1	A
Aroclor 1242	133		ug/kg	45.2	5.54	1	A
Aroclor 1248	ND		ug/kg	45.2	3.82	1	A
Aroclor 1254	260		ug/kg	45.2	3.72	1	B
Aroclor 1260	91.4		ug/kg	45.2	3.45	1	B
Aroclor 1262	ND		ug/kg	45.2	2.24	1	A
Aroclor 1268	ND		ug/kg	45.2	6.56	1	A
PCBs, Total	484		ug/kg	45.2	3.45	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-03	Date Collected:	04/26/17 09:40
Client ID:	B-7	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/03/17 10:04
Analytical Date:	05/05/17 01:20	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/04/17
Percent Solids:	65%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.2	3.97	1	A
Aroclor 1221	ND		ug/kg	50.2	4.63	1	A
Aroclor 1232	ND		ug/kg	50.2	5.89	1	A
Aroclor 1242	ND		ug/kg	50.2	6.15	1	A
Aroclor 1248	ND		ug/kg	50.2	4.24	1	A
Aroclor 1254	ND		ug/kg	50.2	4.13	1	A
Aroclor 1260	ND		ug/kg	50.2	3.83	1	A
Aroclor 1262	ND		ug/kg	50.2	2.49	1	A
Aroclor 1268	ND		ug/kg	50.2	7.28	1	A
PCBs, Total	ND		ug/kg	50.2	2.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-04	Date Collected:	04/26/17 12:05
Client ID:	B-11	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/03/17 10:04
Analytical Date:	05/05/17 04:46	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/04/17
Percent Solids:	71%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	45.6	3.60	1	A
Aroclor 1221	ND		ug/kg	45.6	4.21	1	A
Aroclor 1232	ND		ug/kg	45.6	5.35	1	A
Aroclor 1242	ND		ug/kg	45.6	5.58	1	A
Aroclor 1248	ND		ug/kg	45.6	3.85	1	A
Aroclor 1254	ND		ug/kg	45.6	3.75	1	A
Aroclor 1260	ND		ug/kg	45.6	3.48	1	A
Aroclor 1262	ND		ug/kg	45.6	2.26	1	A
Aroclor 1268	ND		ug/kg	45.6	6.62	1	A
PCBs, Total	ND		ug/kg	45.6	2.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05 D
Client ID: B-18
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/09/17 13:33
Analyst: JA
Percent Solids: 78%

Date Collected: 04/27/17 08:30
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 10:04
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	8500	671.	200	A
Aroclor 1221	ND		ug/kg	8500	783.	200	A
Aroclor 1232	ND		ug/kg	8500	996.	200	A
Aroclor 1242	ND		ug/kg	8500	1040	200	A
Aroclor 1248	39600		ug/kg	8500	717.	200	A
Aroclor 1254	30300		ug/kg	8500	698.	200	A
Aroclor 1260	3060	J	ug/kg	8500	647.	200	B
Aroclor 1262	ND		ug/kg	8500	421.	200	A
Aroclor 1268	ND		ug/kg	8500	1230	200	A
PCBs, Total	73000	J	ug/kg	8500	647.	200	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: 31 WATER STREET
Lab Number: L1714053
Project Number: BEV-17-007
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06
Client ID: B-20
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/09/17 13:45
Analyst: JA
Percent Solids: 65%

Date Collected: 04/27/17 10:00
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 10:04
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.4	3.82	1	A
Aroclor 1221	ND		ug/kg	48.4	4.46	1	A
Aroclor 1232	ND		ug/kg	48.4	5.67	1	A
Aroclor 1242	ND		ug/kg	48.4	5.92	1	A
Aroclor 1248	30.7	J	ug/kg	48.4	4.08	1	A
Aroclor 1254	11.1	J	ug/kg	48.4	3.98	1	B
Aroclor 1260	ND		ug/kg	48.4	3.69	1	A
Aroclor 1262	ND		ug/kg	48.4	2.40	1	A
Aroclor 1268	ND		ug/kg	48.4	7.02	1	A
PCBs, Total	41.8	J	ug/kg	48.4	3.98	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-07	Date Collected:	04/27/17 11:15
Client ID:	B-22	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/03/17 10:04
Analytical Date:	05/05/17 05:23	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/04/17
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.7	3.06	1	A
Aroclor 1221	ND		ug/kg	38.7	3.57	1	A
Aroclor 1232	ND		ug/kg	38.7	4.54	1	A
Aroclor 1242	ND		ug/kg	38.7	4.74	1	A
Aroclor 1248	ND		ug/kg	38.7	3.26	1	A
Aroclor 1254	ND		ug/kg	38.7	3.18	1	A
Aroclor 1260	ND		ug/kg	38.7	2.95	1	A
Aroclor 1262	ND		ug/kg	38.7	1.92	1	A
Aroclor 1268	ND		ug/kg	38.7	5.61	1	A
PCBs, Total	ND		ug/kg	38.7	1.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-08	Date Collected:	04/27/17 15:30
Client ID:	B-28	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/03/17 10:04
Analytical Date:	05/05/17 05:36	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/04/17
Percent Solids:	81%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	3.14	1	A
Aroclor 1221	ND		ug/kg	39.8	3.67	1	A
Aroclor 1232	ND		ug/kg	39.8	4.67	1	A
Aroclor 1242	ND		ug/kg	39.8	4.87	1	A
Aroclor 1248	ND		ug/kg	39.8	3.36	1	A
Aroclor 1254	ND		ug/kg	39.8	3.27	1	A
Aroclor 1260	ND		ug/kg	39.8	3.03	1	A
Aroclor 1262	ND		ug/kg	39.8	1.98	1	A
Aroclor 1268	ND		ug/kg	39.8	5.77	1	A
PCBs, Total	ND		ug/kg	39.8	1.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09 D
Client ID: B-29
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/09/17 13:57
Analyst: JA
Percent Solids: 73%

Date Collected: 04/28/17 09:10
Date Received: 05/02/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 05/03/17 10:04
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	217	17.1	5	A
Aroclor 1221	ND		ug/kg	217	20.0	5	A
Aroclor 1232	ND		ug/kg	217	25.4	5	A
Aroclor 1242	ND		ug/kg	217	26.5	5	A
Aroclor 1248	1740		ug/kg	217	18.3	5	B
Aroclor 1254	ND		ug/kg	217	17.8	5	A
Aroclor 1260	ND		ug/kg	217	16.5	5	A
Aroclor 1262	ND		ug/kg	217	10.7	5	A
Aroclor 1268	ND		ug/kg	217	31.4	5	A
PCBs, Total	1740		ug/kg	217	18.3	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-10	Date Collected:	04/28/17 12:00
Client ID:	B-34	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/03/17 10:04
Analytical Date:	05/05/17 06:00	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/04/17
Percent Solids:	60%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.17	1	A
Aroclor 1221	ND		ug/kg	52.7	4.86	1	A
Aroclor 1232	ND		ug/kg	52.7	6.18	1	A
Aroclor 1242	ND		ug/kg	52.7	6.45	1	A
Aroclor 1248	464		ug/kg	52.7	4.45	1	B
Aroclor 1254	372	P	ug/kg	52.7	4.33	1	B
Aroclor 1260	38.1	J	ug/kg	52.7	4.02	1	B
Aroclor 1262	ND		ug/kg	52.7	2.62	1	A
Aroclor 1268	ND		ug/kg	52.7	7.65	1	A
PCBs, Total	874	J	ug/kg	52.7	4.02	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID:	L1714053-11 D	Date Collected:	04/25/17 08:00
Client ID:	S-1	Date Received:	05/02/17
Sample Location:	JAMESTOWN, NEW YORK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	05/04/17 14:24
Analytical Date:	05/09/17 14:10	Cleanup Method:	EPA 3665A
Analyst:	JA	Cleanup Date:	05/05/17
Percent Solids:	84%	Cleanup Method:	EPA 3660B
		Cleanup Date:	05/05/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38300	3030	1000	A
Aroclor 1221	ND		ug/kg	38300	3540	1000	A
Aroclor 1232	ND		ug/kg	38300	4490	1000	A
Aroclor 1242	ND		ug/kg	38300	4690	1000	A
Aroclor 1248	297000	P	ug/kg	38300	3240	1000	A
Aroclor 1254	ND		ug/kg	38300	3150	1000	A
Aroclor 1260	ND		ug/kg	38300	2920	1000	A
Aroclor 1262	ND		ug/kg	38300	1900	1000	A
Aroclor 1268	ND		ug/kg	38300	5560	1000	A
PCBs, Total	297000		ug/kg	38300	1900	1000	A

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: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/06/17 04:05
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 05/04/17 14:24
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11 Batch: WG1000354-1						
Aroclor 1016	ND		ug/kg	32.4	2.56	A
Aroclor 1221	ND		ug/kg	32.4	2.98	A
Aroclor 1232	ND		ug/kg	32.4	3.79	A
Aroclor 1242	ND		ug/kg	32.4	3.96	A
Aroclor 1248	ND		ug/kg	32.4	2.73	A
Aroclor 1254	ND		ug/kg	32.4	2.66	A
Aroclor 1260	ND		ug/kg	32.4	2.47	A
Aroclor 1262	ND		ug/kg	32.4	1.60	A
Aroclor 1268	ND		ug/kg	32.4	4.69	A
PCBs, Total	ND		ug/kg	32.4	1.60	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/04/17 22:01
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 05/03/17 10:03
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/17
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG999864-1						
Aroclor 1016	ND		ug/kg	32.1	2.54	A
Aroclor 1221	ND		ug/kg	32.1	2.96	A
Aroclor 1232	ND		ug/kg	32.1	3.77	A
Aroclor 1242	ND		ug/kg	32.1	3.93	A
Aroclor 1248	ND		ug/kg	32.1	2.71	A
Aroclor 1254	ND		ug/kg	32.1	2.64	A
Aroclor 1260	ND		ug/kg	32.1	2.45	A
Aroclor 1262	ND		ug/kg	32.1	1.59	A
Aroclor 1268	ND		ug/kg	32.1	4.66	A
PCBs, Total	ND		ug/kg	32.1	1.59	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11 Batch: WG1000354-2 WG1000354-3									
Aroclor 1016	113		113		40-140	0		50	A
Aroclor 1260	123		124		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		84		30-150	A
Decachlorobiphenyl	79		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		74		30-150	B
Decachlorobiphenyl	81		80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG999864-2 WG999864-3									
Aroclor 1016	88		88		40-140	0		50	A
Aroclor 1260	103		99		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		85		30-150	A
Decachlorobiphenyl	89		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		89		30-150	B
Decachlorobiphenyl	80		77		30-150	B

METALS

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-01 Date Collected: 04/25/17 11:15

Client ID: B-1 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14000		mg/kg	10	2.7	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	5.0	0.38	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Arsenic, Total	12		mg/kg	1.0	0.21	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Barium, Total	72		mg/kg	1.0	0.18	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Beryllium, Total	0.55		mg/kg	0.50	0.03	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Cadmium, Total	0.19	J	mg/kg	1.0	0.10	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Calcium, Total	8500		mg/kg	10	3.5	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Chromium, Total	19		mg/kg	1.0	0.10	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Cobalt, Total	13		mg/kg	2.0	0.17	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Copper, Total	20		mg/kg	1.0	0.26	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Iron, Total	29000		mg/kg	5.0	0.91	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Lead, Total	10		mg/kg	5.0	0.27	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Magnesium, Total	8800		mg/kg	10	1.6	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Manganese, Total	510		mg/kg	1.0	0.16	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/04/17 07:45	05/04/17 12:39	EPA 7471B	1,7471B	BV
Nickel, Total	28		mg/kg	2.5	0.24	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Potassium, Total	1100		mg/kg	250	14.	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Selenium, Total	1.2	J	mg/kg	2.0	0.26	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.0	0.29	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Sodium, Total	160	J	mg/kg	200	3.2	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Thallium, Total	0.53	J	mg/kg	2.0	0.32	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Vanadium, Total	18		mg/kg	1.0	0.20	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB
Zinc, Total	65		mg/kg	5.0	0.30	2	05/03/17 19:14	05/04/17 13:38	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-02
Client ID: B-4
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Percent Solids: 72%

Date Collected: 04/25/17 14:20
Date Received: 05/02/17
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											
Aluminum, Total	7900		mg/kg	11	3.0	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Antimony, Total	200		mg/kg	5.5	0.42	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Arsenic, Total	76		mg/kg	1.1	0.23	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Barium, Total	240		mg/kg	1.1	0.19	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Beryllium, Total	1.3		mg/kg	0.55	0.04	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Cadmium, Total	19		mg/kg	1.1	0.11	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Calcium, Total	17000		mg/kg	11	3.8	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Chromium, Total	770		mg/kg	1.1	0.10	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Cobalt, Total	7.9		mg/kg	2.2	0.18	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Copper, Total	3100		mg/kg	1.1	0.28	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Iron, Total	34000		mg/kg	5.5	0.99	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Lead, Total	390		mg/kg	5.5	0.30	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Magnesium, Total	2300		mg/kg	11	1.7	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Manganese, Total	400		mg/kg	1.1	0.18	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Mercury, Total	0.31		mg/kg	0.09	0.02	1	05/04/17 07:45	05/04/17 12:41	EPA 7471B	1,7471B	BV
Nickel, Total	420		mg/kg	2.8	0.27	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Potassium, Total	390		mg/kg	280	16.	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Selenium, Total	2.6		mg/kg	2.2	0.28	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Silver, Total	0.87	J	mg/kg	1.1	0.31	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Sodium, Total	200	J	mg/kg	220	3.5	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Thallium, Total	0.52	J	mg/kg	2.2	0.35	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Vanadium, Total	12		mg/kg	1.1	0.22	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB
Zinc, Total	1100		mg/kg	5.5	0.32	2	05/03/17 19:14	05/04/17 13:42	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-03 Date Collected: 04/26/17 09:40

Client ID: B-7 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4700		mg/kg	12	3.3	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Antimony, Total	16		mg/kg	6.1	0.46	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Arsenic, Total	94		mg/kg	1.2	0.25	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Barium, Total	70		mg/kg	1.2	0.21	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Beryllium, Total	0.21	J	mg/kg	0.61	0.04	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Cadmium, Total	0.55	J	mg/kg	1.2	0.12	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Calcium, Total	3600		mg/kg	12	4.2	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Chromium, Total	550		mg/kg	1.2	0.12	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Cobalt, Total	3.0		mg/kg	2.4	0.20	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Copper, Total	230		mg/kg	1.2	0.31	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Iron, Total	12000		mg/kg	6.1	1.1	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Lead, Total	73		mg/kg	6.1	0.32	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Magnesium, Total	1800		mg/kg	12	1.9	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Manganese, Total	110		mg/kg	1.2	0.19	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Mercury, Total	0.37		mg/kg	0.10	0.02	1	05/04/17 07:45	05/04/17 12:43	EPA 7471B	1,7471B	BV
Nickel, Total	7.4		mg/kg	3.0	0.29	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Potassium, Total	1100		mg/kg	300	17.	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Selenium, Total	0.46	J	mg/kg	2.4	0.31	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.2	0.34	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Sodium, Total	330		mg/kg	240	3.8	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.4	0.38	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Vanadium, Total	18		mg/kg	1.2	0.25	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB
Zinc, Total	120		mg/kg	6.1	0.36	2	05/03/17 19:14	05/04/17 13:46	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-04
Client ID: B-11
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Percent Solids: 71%

Date Collected: 04/26/17 12:05
Date Received: 05/02/17
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											
Aluminum, Total	6100		mg/kg	11	3.0	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	5.5	0.42	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Arsenic, Total	22		mg/kg	1.1	0.23	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Barium, Total	120		mg/kg	1.1	0.19	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Beryllium, Total	0.20	J	mg/kg	0.55	0.04	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	1.1	0.11	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Calcium, Total	1200		mg/kg	11	3.8	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Chromium, Total	14		mg/kg	1.1	0.10	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Cobalt, Total	4.9		mg/kg	2.2	0.18	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Copper, Total	16		mg/kg	1.1	0.28	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Iron, Total	15000		mg/kg	5.5	0.99	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Lead, Total	38		mg/kg	5.5	0.29	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Magnesium, Total	2000		mg/kg	11	1.7	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Manganese, Total	74		mg/kg	1.1	0.17	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Mercury, Total	0.06	J	mg/kg	0.09	0.02	1	05/04/17 07:45	05/04/17 12:48	EPA 7471B	1,7471B	BV
Nickel, Total	15		mg/kg	2.7	0.26	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Potassium, Total	600		mg/kg	270	16.	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Selenium, Total	1.4	J	mg/kg	2.2	0.28	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.1	0.31	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Sodium, Total	250		mg/kg	220	3.5	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.2	0.35	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Vanadium, Total	11		mg/kg	1.1	0.22	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB
Zinc, Total	46		mg/kg	5.5	0.32	2	05/03/17 19:14	05/04/17 13:50	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05
Client ID: B-18
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Percent Solids: 78%

Date Collected: 04/27/17 08:30
Date Received: 05/02/17
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											
Aluminum, Total	5000		mg/kg	10	2.8	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	5.1	0.39	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Arsenic, Total	62		mg/kg	1.0	0.21	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Barium, Total	190		mg/kg	1.0	0.18	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Beryllium, Total	0.49	J	mg/kg	0.51	0.03	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Cadmium, Total	1.3		mg/kg	1.0	0.10	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Calcium, Total	4400		mg/kg	10	3.6	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Chromium, Total	28		mg/kg	1.0	0.10	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Cobalt, Total	6.8		mg/kg	2.0	0.17	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Copper, Total	2000		mg/kg	1.0	0.26	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Iron, Total	30000		mg/kg	5.1	0.92	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Lead, Total	170		mg/kg	5.1	0.27	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Magnesium, Total	920		mg/kg	10	1.6	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Manganese, Total	300		mg/kg	1.0	0.16	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	05/04/17 07:45	05/04/17 12:50	EPA 7471B	1,7471B	BV
Nickel, Total	74		mg/kg	2.5	0.25	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Potassium, Total	500		mg/kg	250	15.	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Selenium, Total	2.9		mg/kg	2.0	0.26	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Silver, Total	0.67	J	mg/kg	1.0	0.29	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Sodium, Total	97	J	mg/kg	200	3.2	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.0	0.32	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Vanadium, Total	21		mg/kg	1.0	0.21	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB
Zinc, Total	2200		mg/kg	5.1	0.30	2	05/03/17 19:14	05/04/17 13:54	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06
Client ID: B-20
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Percent Solids: 65%

Date Collected: 04/27/17 10:00
Date Received: 05/02/17
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											
Aluminum, Total	7300		mg/kg	12	3.2	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Antimony, Total	30		mg/kg	6.0	0.46	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Arsenic, Total	16		mg/kg	1.2	0.25	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Barium, Total	340		mg/kg	1.2	0.21	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Beryllium, Total	0.79		mg/kg	0.60	0.04	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Cadmium, Total	0.46	J	mg/kg	1.2	0.12	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Calcium, Total	1900		mg/kg	12	4.2	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Chromium, Total	72		mg/kg	1.2	0.12	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Cobalt, Total	4.9		mg/kg	2.4	0.20	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Copper, Total	82		mg/kg	1.2	0.31	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Iron, Total	36000		mg/kg	6.0	1.1	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Lead, Total	49		mg/kg	6.0	0.32	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Magnesium, Total	1100		mg/kg	12	1.8	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Manganese, Total	100		mg/kg	1.2	0.19	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Mercury, Total	0.30		mg/kg	0.10	0.02	1	05/04/17 07:45	05/04/17 12:52	EPA 7471B	1,7471B	BV
Nickel, Total	18		mg/kg	3.0	0.29	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Potassium, Total	340		mg/kg	300	17.	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Selenium, Total	3.6		mg/kg	2.4	0.31	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.2	0.34	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Sodium, Total	160	J	mg/kg	240	3.8	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.4	0.38	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Vanadium, Total	21		mg/kg	1.2	0.24	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB
Zinc, Total	100		mg/kg	6.0	0.35	2	05/03/17 19:14	05/04/17 13:59	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07
Client ID: B-22
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil
Percent Solids: 85%

Date Collected: 04/27/17 11:15
Date Received: 05/02/17
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											
Aluminum, Total	3600		mg/kg	9.1	2.4	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.5	0.34	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Arsenic, Total	6.1		mg/kg	0.91	0.19	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Barium, Total	760		mg/kg	0.91	0.16	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Beryllium, Total	0.34	J	mg/kg	0.45	0.03	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Cadmium, Total	0.26	J	mg/kg	0.91	0.09	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Calcium, Total	14000		mg/kg	9.1	3.2	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Chromium, Total	10		mg/kg	0.91	0.09	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Cobalt, Total	4.7		mg/kg	1.8	0.15	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Copper, Total	30		mg/kg	0.91	0.23	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Iron, Total	20000		mg/kg	4.5	0.82	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Lead, Total	1300		mg/kg	4.5	0.24	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Magnesium, Total	1500		mg/kg	9.1	1.4	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Manganese, Total	280		mg/kg	0.91	0.14	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	05/04/17 07:45	05/04/17 12:54	EPA 7471B	1,7471B	BV
Nickel, Total	12		mg/kg	2.3	0.22	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Potassium, Total	700		mg/kg	230	13.	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Selenium, Total	0.99	J	mg/kg	1.8	0.23	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.91	0.26	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Sodium, Total	2200		mg/kg	180	2.9	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.8	0.29	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Vanadium, Total	15		mg/kg	0.91	0.18	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB
Zinc, Total	360		mg/kg	4.5	0.27	2	05/03/17 19:14	05/04/17 14:03	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-08 Date Collected: 04/27/17 15:30

Client ID: B-28 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	9.5	2.6	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Antimony, Total	25		mg/kg	4.7	0.36	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Arsenic, Total	10		mg/kg	0.95	0.20	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Barium, Total	220		mg/kg	0.95	0.16	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Beryllium, Total	0.70		mg/kg	0.47	0.03	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Cadmium, Total	0.42	J	mg/kg	0.95	0.09	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Calcium, Total	3000		mg/kg	9.5	3.3	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Chromium, Total	41		mg/kg	0.95	0.09	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Cobalt, Total	5.5		mg/kg	1.9	0.16	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Copper, Total	320		mg/kg	0.95	0.24	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Iron, Total	27000		mg/kg	4.7	0.86	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Lead, Total	170		mg/kg	4.7	0.25	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Magnesium, Total	1000		mg/kg	9.5	1.5	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Manganese, Total	250		mg/kg	0.95	0.15	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Mercury, Total	0.11		mg/kg	0.08	0.02	1	05/04/17 07:45	05/04/17 12:56	EPA 7471B	1,7471B	BV
Nickel, Total	14		mg/kg	2.4	0.23	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Potassium, Total	630		mg/kg	240	14.	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Selenium, Total	1.6	J	mg/kg	1.9	0.24	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.95	0.27	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Sodium, Total	410		mg/kg	190	3.0	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.9	0.30	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Vanadium, Total	15		mg/kg	0.95	0.19	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB
Zinc, Total	200		mg/kg	4.7	0.28	2	05/03/17 19:14	05/04/17 14:24	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09 Date Collected: 04/28/17 09:10

Client ID: B-29 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5500		mg/kg	10	2.9	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	5.3	0.40	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Arsenic, Total	8.8		mg/kg	1.0	0.22	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Barium, Total	200		mg/kg	1.0	0.18	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Beryllium, Total	0.37	J	mg/kg	0.53	0.04	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Cadmium, Total	2.2		mg/kg	1.0	0.10	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Calcium, Total	3500		mg/kg	10	3.7	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Chromium, Total	23		mg/kg	1.0	0.10	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Cobalt, Total	5.2		mg/kg	2.1	0.18	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Copper, Total	270		mg/kg	1.0	0.27	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Iron, Total	21000		mg/kg	5.3	0.96	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Lead, Total	190		mg/kg	5.3	0.28	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Magnesium, Total	2100		mg/kg	10	1.6	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Manganese, Total	320		mg/kg	1.0	0.17	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Mercury, Total	0.11		mg/kg	0.09	0.02	1	05/04/17 07:45	05/04/17 12:57	EPA 7471B	1,7471B	BV
Nickel, Total	27		mg/kg	2.6	0.26	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Potassium, Total	350		mg/kg	260	15.	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Selenium, Total	0.75	J	mg/kg	2.1	0.27	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.0	0.30	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Sodium, Total	74	J	mg/kg	210	3.3	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.1	0.33	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Vanadium, Total	10		mg/kg	1.0	0.22	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB
Zinc, Total	600		mg/kg	5.3	0.31	2	05/03/17 19:14	05/04/17 14:28	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-10 Date Collected: 04/28/17 12:00

Client ID: B-34 Date Received: 05/02/17

Sample Location: JAMESTOWN, NEW YORK Field Prep: Not Specified

Matrix: Soil

Percent Solids: 60%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8100		mg/kg	13	3.4	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	6.4	0.48	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Arsenic, Total	18		mg/kg	1.3	0.26	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Barium, Total	110		mg/kg	1.3	0.22	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Beryllium, Total	0.55	J	mg/kg	0.64	0.04	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Cadmium, Total	3.0		mg/kg	1.3	0.12	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Calcium, Total	8000		mg/kg	13	4.5	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Chromium, Total	23		mg/kg	1.3	0.12	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Cobalt, Total	9.0		mg/kg	2.5	0.21	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Copper, Total	410		mg/kg	1.3	0.33	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Iron, Total	28000		mg/kg	6.4	1.2	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Lead, Total	120		mg/kg	6.4	0.34	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Magnesium, Total	2400		mg/kg	13	2.0	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Manganese, Total	550		mg/kg	1.3	0.20	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Mercury, Total	0.15		mg/kg	0.11	0.02	1	05/04/17 07:45	05/04/17 12:59	EPA 7471B	1,7471B	BV
Nickel, Total	31		mg/kg	3.2	0.31	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Potassium, Total	550		mg/kg	320	18.	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Selenium, Total	1.6	J	mg/kg	2.5	0.33	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.3	0.36	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Sodium, Total	110	J	mg/kg	250	4.0	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Thallium, Total	0.56	J	mg/kg	2.5	0.40	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Vanadium, Total	14		mg/kg	1.3	0.26	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB
Zinc, Total	920		mg/kg	6.4	0.37	2	05/03/17 19:14	05/04/17 14:32	EPA 3050B	1,6010C	AB

Project Name: 31 WATER STREET **Lab Number:** L1714053

Project Number: BEV-17-007 **Report Date:** 05/09/17

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): 01-10 Batch: WG1000042-1										
Aluminum, Total	ND		mg/kg	4.0	1.1	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.15	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.07	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.01	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.04	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.4	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Chromium, Total	0.20	J	mg/kg	0.40	0.04	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.07	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.10	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Iron, Total	0.98	J	mg/kg	2.0	0.36	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.11	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.62	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.06	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.10	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Potassium, Total	ND		mg/kg	100	5.8	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.10	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.11	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Sodium, Total	ND		mg/kg	80	1.3	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.13	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.08	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS
Zinc, Total	ND		mg/kg	2.0	0.12	1	05/03/17 19:14	05/04/17 12:27	1,6010C	PS

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): 01-10 Batch: WG1000130-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/04/17 07:45	05/04/17 12:29	1,7471B	BV

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1000042-2 SRM Lot Number: D091-540								
Aluminum, Total	73		-		52-148	-		
Antimony, Total	130		-		1-200	-		
Arsenic, Total	96		-		80-121	-		
Barium, Total	86		-		84-117	-		
Beryllium, Total	84		-		83-117	-		
Cadmium, Total	98		-		83-117	-		
Calcium, Total	81		-		81-118	-		
Chromium, Total	84		-		80-119	-		
Cobalt, Total	97		-		84-115	-		
Copper, Total	92		-		82-117	-		
Iron, Total	93		-		47-154	-		
Lead, Total	96		-		82-118	-		
Magnesium, Total	87		-		77-123	-		
Manganese, Total	84		-		82-118	-		
Nickel, Total	93		-		83-117	-		
Potassium, Total	83		-		72-128	-		
Selenium, Total	90		-		79-121	-		
Silver, Total	89		-		75-124	-		
Sodium, Total	83		-		73-126	-		
Thallium, Total	99		-		80-121	-		
Vanadium, Total	87		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 31 WATER STREET

Project Number: BEV-17-007

Lab Number: L1714053

Report Date: 05/09/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1000042-2 SRM Lot Number: D091-540					
Zinc, Total	98	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1000130-2 SRM Lot Number: D091-540					
Mercury, Total	106	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

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): 01-10 QC Batch ID: WG1000042-3 QC Sample: L1714044-01 Client ID: MS Sample												
Aluminum, Total	16000	184	16000	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	45.9	37	81		-	-		75-125	-		20
Arsenic, Total	1.1	11	12	99		-	-		75-125	-		20
Barium, Total	56.	184	220	89		-	-		75-125	-		20
Beryllium, Total	0.72	4.59	4.8	89		-	-		75-125	-		20
Cadmium, Total	0.17J	4.68	4.1	88		-	-		75-125	-		20
Calcium, Total	440	918	1200	83		-	-		75-125	-		20
Chromium, Total	24.	18.4	41	93		-	-		75-125	-		20
Cobalt, Total	12.	45.9	48	78		-	-		75-125	-		20
Copper, Total	8.3	22.9	30	94		-	-		75-125	-		20
Iron, Total	29000	91.8	30000	**1090**	Q	-	-		75-125	-		20
Lead, Total	14.	46.8	52	81		-	-		75-125	-		20
Magnesium, Total	6500	918	7500	109		-	-		75-125	-		20
Manganese, Total	260	45.9	320	**131**	Q	-	-		75-125	-		20
Nickel, Total	25.	45.9	62	81		-	-		75-125	-		20
Potassium, Total	1500	918	2600	120		-	-		75-125	-		20
Selenium, Total	1.1	11	10	81		-	-		75-125	-		20
Silver, Total	ND	27.5	28	102		-	-		75-125	-		20
Sodium, Total	100	918	980	96		-	-		75-125	-		20
Thallium, Total	ND	11	8.6	78		-	-		75-125	-		20
Vanadium, Total	24.	45.9	68	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

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): 01-10 QC Batch ID: WG1000042-3 QC Sample: L1714044-01 Client ID: MS Sample										
Zinc, Total	64.	45.9	100	78		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1000130-3 QC Sample: L1714163-01 Client ID: MS Sample										
Mercury, Total	4.3	0.148	7.0	**1820**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1000042-4 QC Sample: L1714044-01 Client ID: DUP Sample						
Arsenic, Total	1.1	1.1	mg/kg	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1000130-4 QC Sample: L1714163-01 Client ID: DUP Sample						
Mercury, Total	4.3	6.4	mg/kg	**39**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-01
Client ID: B-1
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/25/17 11:15
Date Received: 05/02/17
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	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-02
Client ID: B-4
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/25/17 14:20
Date Received: 05/02/17
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	71.8		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-03
Client ID: B-7
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/26/17 09:40
Date Received: 05/02/17
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	64.9		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-04
Client ID: B-11
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/26/17 12:05
Date Received: 05/02/17
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	71.1		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-05
Client ID: B-18
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/27/17 08:30
Date Received: 05/02/17
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	78.3		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-06
Client ID: B-20
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/27/17 10:00
Date Received: 05/02/17
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	65.4		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-07
Client ID: B-22
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/27/17 11:15
Date Received: 05/02/17
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	85.4		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-08
Client ID: B-28
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/27/17 15:30
Date Received: 05/02/17
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	80.8		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-09
Client ID: B-29
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/28/17 09:10
Date Received: 05/02/17
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	72.6		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-10
Client ID: B-34
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/28/17 12:00
Date Received: 05/02/17
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	60.2		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

SAMPLE RESULTS

Lab ID: L1714053-11
Client ID: S-1
Sample Location: JAMESTOWN, NEW YORK
Matrix: Soil

Date Collected: 04/25/17 08:00
Date Received: 05/02/17
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	83.8		%	0.100	NA	1	-	05/03/17 14:49	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG999969-1 QC Sample: L1714053-01 Client ID: B-1						
Solids, Total	76.8	78.0	%	2		20

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 04-MAY-17 10:32

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1714053-01A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-01B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1714053-01C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-01X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-01Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-01Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-02A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-02B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1714053-02C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-02X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-02Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-02Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-03A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-03B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1714053-03C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-03X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-03Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-03Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-04A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-04B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1714053-04C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-04X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-04Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-04Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-05A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-05B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1714053-05C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-05X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-05Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-05Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-06A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-06B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1714053-06C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-06X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-06Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-06Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-07A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-07B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1714053-07C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-07X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-07Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-07Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-08A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-08B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1714053-08C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-08X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-08Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-08Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-09A	Vial Large Septa unpreserved (4o	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-09B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: 31 WATER STREET
Project Number: BEV-17-007

Lab Number: L1714053
Report Date: 05/09/17

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1714053-09C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-09X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-09Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-09Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-10A	Glass 120ml/4oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-10B	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1714053-10C	Metals Only - Glass 60mL/2oz unp	A	N/A	4.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-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),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1714053-10X	Vial MeOH preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-10Y	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-10Z	Vial Water preserved split	A	N/A	4.2	Y	Absent	NYTCL-8260-R2(14)
L1714053-11A	Glass 250ml/8oz unpreserved	A	N/A	4.2	Y	Absent	TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	31 WATER STREET	**Lab Number:**	L1714053
Project Number:	BEV-17-007	**Report Date:**	05/09/17

GLOSSARY

Acronyms

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).
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.
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.
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.
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

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

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.

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.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	31 WATER STREET	**Lab Number:**	L1714053
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Data Qualifiers

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.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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.

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).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name: 31 WATER STREET
Project Number: BEV-17-007
Lab Number: L1714053
Report Date: 05/09/17

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: 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 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
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: 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, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

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, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

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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 2

Date Rec'd in Lab: 5/3/17

ALPHA Job #: L1714053

Client Information
Client: Empire GeoServices
Address: Hamburg, New York
Phone:
Fax: dsteiner@
Email: sjbempire.net

Project Information
Project Name: 31 Water Street
Project Location: Jamestown, New York
Project #: BEV-17-007
(Use Project name as Project #) ☐
Project Manager: Dave Steiner
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

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 email results to sbochenek@sjbempire.net

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 8082	Total Metals TAL	Sample Specific Comments	Total Bottle
14053-01	B-1	4/25/17	1115	Soil	SB	X	X	X	X		3
-02	B-4	4/25/17	1420			X	X	X	X		3
-03	B-7	4/26/17	0940			X	X	X	X		3
-04	B-11	4/26/17	1205			X	X	X	X		3
-05	B-18	4/27/17	0830			X	X	X	X		3
-06	B-20	4/27/17	1000			X	X	X	X		3
-07	B-22	4/27/17	1115			X	X	X	X		3
-08	B-28	4/27/17	1530			X	X	X	X		3
-09	B-29	4/28/17	0910			X	X	X	X		3
-10	B-34	4/28/17	1200	Soil	SB	X	X	X	X		3

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											
Preservative											

Relinquished By:	Date/Time	Received By:	Date/Time
AAL	5/2/17 15:50	AAL	5/02/17 15:50
AAL	5/02/17 15:50		5/3/17 01:38

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)

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
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Page: 2 of 2

Date Rec'd in Lab: 5/3/17

ALPHA Job #: L1714053

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Client: Empire GeoServices
Address:
Phone:
Fax:
Email:

Project Information
Project Name: 31 Water Street
Project Location: Jamestown, New York
Project # BEV-17-007
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
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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

RCRA 8

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA 8	Total Bottle
14053-11	S-1	4/27/17	0800	Soil	SB	X	1

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															
Preservative															

Relinquished By:	Date/Time	Received By:	Date/Time
[signature] AAL	5/2/17 15:50	[signature] AAL	5/02/17 15:50
[signature]	5/02/17 15:50	[signature]	5/3/17 01:35

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)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA104\2017\170508A\
Data File : V04170508A06.D
Acq On : 8 May 2017 9:32
Operator : VOA104:MV
Sample : l1714053-02,31,6.0,5,,z
Misc : WG1001333,ICAL13540
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 08 13:32:11 2017
Quant Method : I:\VOLATILES\VOA104\2017\170508A\V104_170403_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 04 07:21:26 2017
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox8A\V04170508A01.D•