ANALYTICAL REPORT

Job Number: 420-111703-1

SDG Number: Monticello St. John St

Job Description: Sullivan County BOCES

For:
Sullivan County BOCES
6 Weirk Avenue
Liberty, NY 12754

Attention: Jesse Morrill

Meredith Ruthven

_____

Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
11/07/2016

11/07/2016

METHOD SUMMARY

Client: Sullivan County BOCES

Job Number: 420-111703-1
SDG Number: Monticello St. John St

Description	Lab Location	Method	Preparation Method
Matrix: Water			
ICPMS Metals by 200.8	EnvTest	EPA 200.8 Rev.5.4	
200 Series Drinking Water Prep Determination Step	EnvTest		EPA 200

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

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11/07/2016

METHOD / ANALYST SUMMARY

Client: Sullivan County BOCES

Job Number: 420-111703-1
SDG Number: Monticello St. John St

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Sirico, Derek	DS

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11/07/2016

SAMPLE SUMMARY

Client: Sullivan County BOCES

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-111703-1	310-BS	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-2	306-BS1	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-3	306-BS2	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-4	228-BS1	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-5	228-BS2	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-6	229-BS	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-7	126-BS	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-8	117-BS1	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-9	117-BS2	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-10	114-BS1	Drinking Water	10/12/2016 1330	10/12/2016 1505
420-111703-11	114-BS2	Drinking Water	10/12/2016 1330	10/12/2016 1505

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID: **310-BS**
Lab Sample ID: **420-111703-1**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed:	11/03/2016 1659	
Prep Method: 200				Date Prepared:	11/03/2016 1400	
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID: **306-BS1**
Lab Sample ID: **420-111703-2**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1659		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID: **306-BS2**
Lab Sample ID: **420-111703-3**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1700		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1

Sdg Number: Monticello St. John St

Client Sample ID: **228-BS1**

Lab Sample ID: **420-111703-4**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1701		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID:	**228-BS2**		Date Sampled:	10/12/2016 1330
Lab Sample ID:	**420-111703-5**		Date Received:	10/12/2016 1505
			Client Matrix:	Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1702		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1

Sdg Number: Monticello St. John St

Client Sample ID:	**229-BS**	Date Sampled:	10/12/2016 1330
Lab Sample ID:	**420-111703-6**	Date Received:	10/12/2016 1505
		Client Matrix:	Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1703		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID:	**126-BS**	Date Sampled:	10/12/2016 1330
Lab Sample ID:	**420-111703-7**	Date Received:	10/12/2016 1505
		Client Matrix:	Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1703	
Prep Method: 200			Date Prepared:	11/03/2016 1400	
Pb	2.33	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID: **117-BS1**
Lab Sample ID: **420-111703-8**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1704		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID: **117-BS2**
Lab Sample ID: **420-111703-9**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1705		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID: **114-BS1**
Lab Sample ID: **420-111703-10**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1706		
Prep Method: 200			Date Prepared:	11/03/2016 1400		
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-111703-1
Sdg Number: Monticello St. John St

Client Sample ID: **114-BS2**
Lab Sample ID: **420-111703-11**

Date Sampled: 10/12/2016 1330
Date Received: 10/12/2016 1505
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	11/03/2016 1708	
Prep Method: 200			Date Prepared:	11/03/2016 1400	
Pb	1.00 U	ug/L	1.00	1.00	1.0

11/07/2016

DATA REPORTING QUALIFIERS

Client: Sullivan County BOCES

Job Number:

Sdg Number: Monticello St. John St

Lab Section	Qualifier	Description
Metals		
	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

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Certification Information

The following analytes are Not Part of the ELAP scope of accreditation:

Sulfur, Tungsten, Silicon, Bicarbonate Alkalinity, 7 Day BOD 5210C, 28 Day BOD, Soluble BOD, Carbon Dioxide, Carbonate Alkalinity, CBOD Soluble, Chlorine, Cyanide (WAD), Ferrous Iron, Ferric Iron, Total Nitrogen, Total Organic Nitrogen, Dissolved Oxygen, pH, Phenolphthalein Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture) , Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), Total Inorganic Carbon, Volatile Acids as Acetic Acid, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, Iron Bacteria, Salmonella, & Sulfur Reducing Bacteria.

The following analytes are Not Part of ELAP Potable Water scope of accreditation:

Cobalt (200.7, 200.8), Tin (200.7), Strontium (200.7), Gold (200.7), Platinum (200.7), Palladium (200.7), Titanium (200.7), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), Naphthalene (502.2), o-Xylene (502.2, 524), & Fecal Coliform (9222D).

The following analytes are Not Part of ELAP Solid and Hazardous Waste scope of accreditation:

Ammonia (SM 4500NH3G), TKN (351.2), Phosphorus (365.3), 1,2-Dichloro-1,1,2-trifluoroethane (8260), & Chlorodifluoromethane (8260).

The following analytes are Not Part of ELAP Non Potable Water scope of accreditation:

Dissolved Organic Carbon (5310C), Mecoprop (8151A), & MCPA (8151A).

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Definitions and Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
%R	Percent Recovery
DL, RA, RE	Indicates a Dilution, Reanalysis or Reextraction.
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit - an estimate of the minimum amount of a substance that an analytical process can reliably detect. A MDL is analyte- and matrix-specific and may be laboratory-dependent.
ND	Not detected at the reporting limit (or MDL if shown).
QC	Quality Control
RL	Reporting Limit - the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.
RPD	Relative Percent Difference - a measure of the relative difference between two points.

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Monticello- St. John. ST.   111703   water samples

#	Sample #	Date	Time	AREA	250 ml HNO3	Analysis Requested
1	310-BS	10/12/16	1:30			LEAD
2	306-BS1					
3	306-BS2					
4	228-BS1					
5	228-BS2					
6	229-BS					
7	126-BS					
8	117-BS1					
9	117-BS2					
10	114-BS1					
11	114-BS2					

Sampled By

Relinquished By   3:05

Received By: Q Elmendorf ETL
10/12/16   1505
21.5°C, no ice, IR#3

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Sullivan County BOCES

Job Number: 420-111703-1

SDG Number: Monticello St. John St

Login Number: **111703**

Question	T/F/NA	Comment
Samples were collected by ETL employee as per SOP-SAM-1	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is recorded.	True	21.5 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	False	
If false, was sample received on ice within 6 hours of collection.	False	
Based on above criteria cooler temperature is acceptable.	True	Method does not require cooling
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	