

ANALYTICAL REPORT

Job Number: 420-111058-1

SDG Number: Roscoe Central School 6 Academny St.

Job Description: Sullivan County BOCES

For:

Sullivan County BOCES

6 Weirk Avenue

Liberty, NY 12754

Attention: Jesse Morrill



Meredith W Ruthven

Customer Service Manager

mruthven@envirotestlaboratories.com

10/31/2016

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EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOH PH-0554

METHOD SUMMARY

Client: Sullivan County BOCES

Job Number: 420-111058-1
SDG Number: Roscoe Central School 6 Academy 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

METHOD / ANALYST SUMMARY

Client: Sullivan County BOCES

Job Number: 420-111058-1
SDG Number: Roscoe Central School 6 Academy St.

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

SAMPLE SUMMARY

Client: Sullivan County BOCES

Job Number: 420-111058-1
SDG Number: Roscoe Central School 6 Academy St.

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-111058-1	S75	Drinking Water	09/29/2016 0700	09/29/2016 1535
420-111058-2	S76	Drinking Water	09/29/2016 0700	09/29/2016 1535
420-111058-3	i77	Drinking Water	09/29/2016 0710	09/29/2016 1535

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Job Number: 420-111058-1
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Client Sample ID: S75
Lab Sample ID: 420-111058-1

Date Sampled: 09/29/2016 0700
Date Received: 09/29/2016 1535
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 10/18/2016 1831		
Prep Method: 200			Date Prepared: 10/17/2016 1035		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Job Number: 420-111058-1
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Client Sample ID: S76
Lab Sample ID: 420-111058-2

Date Sampled: 09/29/2016 0700
Date Received: 09/29/2016 1535
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 10/18/2016 1835		
Prep Method: 200			Date Prepared: 10/17/2016 1035		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Job Number: 420-111058-1
Sdg Number: Roscoe Central School 6 Academy St.

Client Sample ID: i77
Lab Sample ID: 420-111058-3

Date Sampled: 09/29/2016 0710
Date Received: 09/29/2016 1535
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 10/18/2016 1838		
Prep Method: 200			Date Prepared: 10/17/2016 1035		
Pb	1.00 U	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Sullivan County BOCES

Job Number:
Sdg Number: Roscoe Central School 6 Academny St.

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

Certification Information

Client: Sullivan County BOCES

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Sdg Number: Roscoe Central School 6 Academny St.

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, Phenolphthalien 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).

Definitions and Glossary

Client: Sullivan County BOCES

Job Number:

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<u>Abbreviation</u>	<u>These commonly used abbreviations may or may not be present in this report.</u>
%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.

111058

sample #	date	time	matrix	client ID	250 ml HNO3	analysis requested
S75	29-Sep-16	0700		Roscoe CSD		LEAD
S76	29-Sep-16	0700		Roscoe CSD		LEAD
i77	29-Sep-16	0710		Roscoe CSD		LEAD
				Roscoe CSD		
				Roscoe CSD		
				Roscoe CSD		
				Roscoe CSD		
				Roscoe CSD		
				Roscoe CSD		

Project Roscoe CSD

Relinquished by: [Signature] date: 9/29/16

Sampled by: Thomas E. Summels date: 29 Sept 16

Received by: JK Mon ETC 9/29/16 1535 21.9°C NOICE IR#3

9-29-16
1600

Preserved with Nitric Acid at lab @
Nitric acid man'f by Fisher Chemical Lot #161446

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Sullivan County BOCES

Job Number: 420-111058-1

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Login Number: 111058

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	21.9 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	Preserved with nitric acid at lab @ 1600 9/29/16. KM 9/29/16
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	