

## **ANALYTICAL REPORT**

Job Number: 420-110891-1  
SDG Number: Monticello - Rutherford  
Job Description: Sullivan County BOCES

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

Attention: Jesse Morrill



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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: 420-110891-1  
SDG Number: Monticello - Rutherford

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
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: 420-110891-1  
SDG Number: Monticello - Rutherford

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
EPA 200.8 Rev.5.4	Sirico, Derek	DS

## SAMPLE SUMMARY

Client: Sullivan County BOCES

Job Number: 420-110891-1  
SDG Number: Monticello - Rutherford

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
420-110891-1	BLR-EW	Drinking Water	09/27/2016 0730	09/27/2016 1442
420-110891-2	HB-4	Drinking Water	09/27/2016 0730	09/27/2016 1442
420-110891-3	HB-5	Drinking Water	09/27/2016 0730	09/27/2016 1442
420-110891-4	HB-6	Drinking Water	09/27/2016 0730	09/27/2016 1442
420-110891-5	HB-7	Drinking Water	09/27/2016 0730	09/27/2016 1442

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Job Number: 420-110891-1  
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**Client Sample ID:** BLR-EW  
**Lab Sample ID:** 420-110891-1

Date Sampled: 09/27/2016 0730  
Date Received: 09/27/2016 1442  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/24/2016 1500	
Prep Method: 200			Date Prepared:	10/23/2016 1500	
Pb	15.5 g	ug/L	1.00	1.00	1.0

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Job Number: 420-110891-1  
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**Client Sample ID:** HB-4  
**Lab Sample ID:** 420-110891-2

Date Sampled: 09/27/2016 0730  
Date Received: 09/27/2016 1442  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/26/2016 1400	
Prep Method: 200			Date Prepared:	10/23/2016 1500	
Pb	2760 g	ug/L	100	100	100

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Job Number: 420-110891-1  
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**Client Sample ID:** HB-5  
**Lab Sample ID:** 420-110891-3

Date Sampled: 09/27/2016 0730  
Date Received: 09/27/2016 1442  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/24/2016 1501	
Prep Method: 200			Date Prepared:	10/23/2016 1500	
Pb	88.2 g	ug/L	1.00	1.00	1.0

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Job Number: 420-110891-1  
Sdg Number: Monticello - Rutherford

**Client Sample ID:** HB-6  
**Lab Sample ID:** 420-110891-4

Date Sampled: 09/27/2016 0730  
Date Received: 09/27/2016 1442  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/24/2016 1726	
Prep Method: 200			Date Prepared:	10/24/2016 1140	
Pb	16.0	ug/L	1.00	1.00	1.0



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Job Number: 420-110891-1  
Sdg Number: Monticello - Rutherford

**Client Sample ID:** HB-7  
**Lab Sample ID:** 420-110891-5

Date Sampled: 09/27/2016 0730  
Date Received: 09/27/2016 1442  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/24/2016 1501	
Prep Method: 200			Date Prepared:	10/23/2016 1500	
Pb	5.51	ug/L	1.00	1.00	1.0

## DATA REPORTING QUALIFIERS

Client: Sullivan County BOCES

Job Number:  
Sdg Number: Monticello - Rutherford

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
Metals	g	Result fails applicable NYS drinking water standards

## Certification Information

Client: Sullivan County BOCES

Job Number:

Sdg Number: Monticello - Rutherford

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**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).

## Definitions and Glossary

Client: Sullivan County BOCES

Job Number:

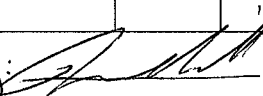
Sdg Number: Monticello - Rutherford

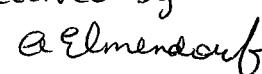
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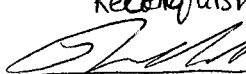
<u>Abbreviation</u>	<u>These commonly used abbreviations may or may not be present in this report.</u>
%R	Percent Recovery
DL, RA, RE	Indicates a Dilution, Reanalysis or Reextraction.
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit - an estimate of the minimum amount of a 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.

110891

Sample #	Date	Time	AREA	250 ml HNO3	Analysis Requested
BLR-EW	9/27/16	7.30pm			LEAD
HB-4					
HB-5					
HB-6					
HB-7					

Sampled By:  9/27/16 0730

Received By:  
 ETL 9/27/16 1442  
 IR#3, 25.2°C, 10/31/2016

Relinquished By:  
 Sullivan BOCES 9/27/16 1442  
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## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Sullivan County BOCES

Job Number: 420-110891-1  
SDG Number: Monticello - Rutherford

**Login Number: 110891**

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	25.2 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. AE 9/27/16
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	