

## **ANALYTICAL REPORT**

Job Number: 420-109112-1

SDG Number: Monticello Highschool - Kitchen PND00604

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

08/25/2016

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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: 420-109112-1

SDG Number: Monticello Highschool - Kitchen PND00604

<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: 420-109112-1

SDG Number: Monticello Highschool - Kitchen PND00604

<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: 420-109112-1  
SDG Number: Monticello Highschool - Kitchen PND00604

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
420-109112-1	K1-1	Drinking Water	08/18/2016 0905	08/18/2016 1552
420-109112-2	K1-2	Drinking Water	08/18/2016 0905	08/18/2016 1552
420-109112-3	K2-1	Drinking Water	08/18/2016 0905	08/18/2016 1552
420-109112-4	K2-2	Drinking Water	08/18/2016 0905	08/18/2016 1552
420-109112-5	K3-1	Drinking Water	08/18/2016 0905	08/18/2016 1552
420-109112-6	K3-2	Drinking Water	08/18/2016 0905	08/18/2016 1552
420-109112-7	K4-1	Drinking Water	08/18/2016 0905	08/18/2016 1552
420-109112-8	K4-2	Drinking Water	08/18/2016 0905	08/18/2016 1552

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Job Number: 420-109112-1  
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**Client Sample ID:** K1-1  
**Lab Sample ID:** 420-109112-1

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/23/2016 2234		
Prep Method: 200			Date Prepared: 08/21/2016 1611		
Pb	6.57	ug/L	1.00	1.00	1.0

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Job Number: 420-109112-1  
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**Client Sample ID:** K1-2  
**Lab Sample ID:** 420-109112-2

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/23/2016 2238		
Prep Method: 200			Date Prepared: 08/21/2016 1611		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Job Number: 420-109112-1  
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**Client Sample ID:** K2-1  
**Lab Sample ID:** 420-109112-3

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/23/2016 2241	
Prep Method: 200			Date Prepared:	08/21/2016 1611	
Pb	10.0	ug/L	1.00	1.00	1.0

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Job Number: 420-109112-1  
Sdg Number: Monticello Highschool - Kitchen PND00604

**Client Sample ID:** K2-2  
**Lab Sample ID:** 420-109112-4

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/23/2016 2245		
Prep Method: 200			Date Prepared: 08/21/2016 1611		
Pb	1.00 U	ug/L	1.00	1.00	1.0



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Job Number: 420-109112-1  
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**Client Sample ID:** K3-1  
**Lab Sample ID:** 420-109112-5

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/23/2016 2248		
Prep Method: 200			Date Prepared: 08/21/2016 1611		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Job Number: 420-109112-1  
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**Client Sample ID:** K3-2  
**Lab Sample ID:** 420-109112-6

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/23/2016 2252		
Prep Method: 200			Date Prepared: 08/21/2016 1611		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Job Number: 420-109112-1  
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**Client Sample ID:** K4-1  
**Lab Sample ID:** 420-109112-7

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/23/2016 2255		
Prep Method: 200			Date Prepared: 08/21/2016 1611		
Pb	12.9	ug/L	1.00	1.00	1.0

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Job Number: 420-109112-1  
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**Client Sample ID:** K4-2  
**Lab Sample ID:** 420-109112-8

Date Sampled: 08/18/2016 0905  
Date Received: 08/18/2016 1552  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/23/2016 2306		
Prep Method: 200			Date Prepared: 08/21/2016 1700		
Pb	1.00 U	ug/L	1.00	1.00	1.0

## DATA REPORTING QUALIFIERS

Client: Sullivan County BOCES

Job Number:

Sdg Number: Monticello Highschool - Kitchen PND00604

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

## Certification Information

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Sdg Number: Monticello Highschool - Kitchen PND00604

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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, 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.

109112

CUSTOMER SCBOCES  
ADDRESS 6 Wink Ave.  
Liberty, NY 12754  
CITY/STATE/ZIP  
CONTACT Jesse Morill PHONE (845) 295-4000  
PROJECT LOCATION Monticello Highschool - kitchen  
PRJ NUMBER/P.O.# RND-00604

REPORT TYPE  
 STANDARD  ISRA  
 NJ REG  
NYASP  A  B  
 OTHER

TURNAROUND  
NORMAL   
QUICK   
VERBAL

REPORT # (Lab Use Only)

8/18/16  
2415  
Rout 2

NOTE: SAMPLE TEMPERATURE  
UPON RECEIPT MUST BE 4C - 20C

SAMPLE TEMP. 24.5 °C

SAMPLE RECD. ON ICE  Y  N

pH CHECK  Y  N

CHLORINE RESIDUAL  Y  N

NY PUBLIC WATER SUPPLIES

SOURCE ID

ELRP TYPE

FEDERAL ID

ANALYSIS REQUESTED

Lead

Sample #	DATE	SAMPLING TIME	COMP (Y/N)	GRAB (Y/N)	MATRIX	Client I.D.	Total # of containers	40ml Glass HCL	Liter Glass HCL	250ml Amber H2SO4	Liter Amber Plain	250ml Plastic HNO3	250ml Plastic NaOH	Liter Plastic	Liter Plastic H2SO4	250ml Plastic	125ml Plastic Sterile	8oz Glass	2oz Glass	250ml P. NaOH/ZnAcc	
K1-1	8/16/16	9:05			DW																
K1-2	8/16/16	9:05			DW																
K2-1	8/16/16	9:05			DW																
K2-2	8/16/16	9:05			DW																
K3-1	8/16/16	9:05			DW																
K3-2	8/16/16	9:05			DW																
K4-1	8/16/16	9:05			DW																
K4-2	8/16/16	9:05			DW																

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ENVIROTEST TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY Jesse Morill COMPANY SCBOCES DATE 8/18/16 TIME 1552  
 SAMPLED BY Jesse Morill COMPANY SCBOCES DATE 8/18/16 TIME 0905  
 RECEIVED BY Jesse Morill COMPANY SCBOCES DATE 8/18/16 TIME 1552  
 RECEIVED BY Jesse Morill COMPANY SCBOCES DATE 8/18/16 TIME 1552

COMMENTS



## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Sullivan County BOCES

Job Number: 420-109112-1

SDG Number: Monticello Highschool - Kitchen PND00604

**Login Number: 109112**

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	24.5 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.	True	
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	