

## ANALYTICAL REPORT

Job Number: 420-198554-1

SDG Number: Warwick VCSD Sanfordville ES

Job Description: Orange-Ulster BOCES

For:

Orange-Ulster BOCES

53 Gibson Road

Goshen, NY 10924

Attention: Jack DeGraw



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Designee for

Meredith W Ruthven

Customer Service Manager

[mruthven@envirotestlaboratories.com](mailto:mruthven@envirotestlaboratories.com)

07/24/2021

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

**Envirotest Laboratories**

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## METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-198554-1  
SDG Number: Warwick VCSD Sanfordville ES

<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 200.7/200.8

### Lab References:

EnvTest = EnviroTest

### Method References:

EPA = US Environmental Protection Agency

**METHOD / ANALYST SUMMARY**

Client: Orange-Ulster BOCES

Job Number: 420-198554-1  
SDG Number: Warwick VCSD Sanfordville ES

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
EPA 200.8 Rev.5.4	Luis, Carlos	CL

## SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-198554-1  
SDG Number: Warwick VCSD Sanfordville ES

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
420-198554-1	Coach's BS	Drinking Water	05/27/2021 0630	05/27/2021 1155
420-198554-2	Kitchen Prep Sink 1	Drinking Water	05/27/2021 0631	05/27/2021 1155
420-198554-3	Room 205 CS	Drinking Water	05/27/2021 0633	05/27/2021 1155
420-198554-4	Nurse Prep Room Sink	Drinking Water	05/27/2021 0637	05/27/2021 1155
420-198554-5	Office Kitchen Left Sink	Drinking Water	05/27/2021 0639	05/27/2021 1155

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**Client Sample ID:** Coach's BS  
**Lab Sample ID:** 420-198554-1

Date Sampled: 05/27/2021 0630  
Date Received: 05/27/2021 1155  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/21/2021	2342	
Prep Method: 200.7/200.8			Date Prepared: 07/17/2021	1540	
Pb	3.20	ug/L	1.00	1.00	1.0

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Job Number: 420-198554-1  
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**Client Sample ID:** Kitchen Prep Sink 1  
**Lab Sample ID:** 420-198554-2

Date Sampled: 05/27/2021 0631  
Date Received: 05/27/2021 1155  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/21/2021	2344	
Prep Method: 200.7/200.8			Date Prepared: 07/17/2021	1540	
Pb	1.45	ug/L	1.00	1.00	1.0

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Job Number: 420-198554-1  
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**Client Sample ID:** Room 205 CS  
**Lab Sample ID:** 420-198554-3

Date Sampled: 05/27/2021 0633  
Date Received: 05/27/2021 1155  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/21/2021 2346	
Prep Method: 200.7/200.8			Date Prepared:	07/17/2021 1540	
Pb	3.20	ug/L	1.00	1.00	1.0

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Job Number: 420-198554-1  
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**Client Sample ID:** Nurse Prep Room Sink  
**Lab Sample ID:** 420-198554-4

Date Sampled: 05/27/2021 0637  
Date Received: 05/27/2021 1155  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/21/2021	2351	
Prep Method: 200.7/200.8			Date Prepared: 07/17/2021	1540	
Pb	11.3	ug/L	1.00	1.00	1.0



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Job Number: 420-198554-1  
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**Client Sample ID:** Office Kitchen Left Sink  
**Lab Sample ID:** 420-198554-5

Date Sampled: 05/27/2021 0639  
Date Received: 05/27/2021 1155  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/21/2021	2353	
Prep Method: 200.7/200.8			Date Prepared: 07/17/2021	1540	
Pb	2.94	ug/L	1.00	1.00	1.0

## DATA REPORTING QUALIFIERS

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
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## Certification Information

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

Sulfur, Tungsten, 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, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), COD (Soluble), Total Inorganic Carbon, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, 1,2,4,5-Tetramethylbenzene, 4-Ethyl toluene, p-Diethylbenzene, Iron Bacteria, Salmonella, Sulfur Reducing Bacteria, & UOD (Ultimate Oxygen Demand).

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

Ammonia (SM 4500NH3G), Biochemical Oxygen Demand (SM 5210B), Chemical Oxygen Demand (EPA 410.4), Dissolved Oxygen (SM 4500 O C), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (353.2), Settable Solids (SM 2540F), Total Suspended Solids (SM 2540 C), m-Xylene & p-Xylene (502.2, 524), o-Xylene (502.2, 524), Sulfide (SM4500SD), Acenaphthene (525.2), Acenaphthylene (525.2), Fluoranthene (525.2), Fluorene (525.2), Phenanthrene (525.2), Anthracene (525.2), Pyrene (525.2), Benzo[a]anthracene (525.2), Benzo[b]fluoranthene (525.2), Benzo[g,h,i]perylene (525.2), Benzo[k]fluoranthene (525.2), Indeno[1,2,3-cd]pyrene (525.2), & Dibenz(a,h)anthracene (525.2). Pyridine

### **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

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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.



## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-198554-1  
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**Login Number: 198554**

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	24.7 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	