

## ANALYTICAL REPORT

Job Number: 420-199038-1  
SDG Number: Ernest C Meyer Elem  
Job Description: Ulster BOCES

For:  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Attention: Christy Fischer



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Designee for  
Meredith W Ruthven  
Customer Service Manager  
mruthven@envirotestlaboratories.com  
07/27/2021

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

## METHOD SUMMARY

Client: Ulster BOCES

Job Number: 420-199038-1  
SDG Number: Ernest C Meyer Elem

<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: Ulster BOCES

Job Number: 420-199038-1  
SDG Number: Ernest C Meyer Elem

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

## SAMPLE SUMMARY

Client: Ulster BOCES

Job Number: 420-199038-1  
SDG Number: Ernest C Meyer Elem

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
420-199038-1	110 Room 1	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-2	111 Room 2	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-3	112 Room 4	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-4	113 Room 5	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-5	114 Room 10	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-6	115 Room 11	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-7	116 Room 14	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-8	117 Cafeteria Bottle Filler	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-9	118 Cafeteria	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-10	119 Cafeteria	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-11	120 Room 31	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-12	121 Bottle Filler	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-13	122 Room 23	Drinking Water	05/22/2021 0600	06/03/2021 1317
420-199038-14	123 Room 22	Drinking Water	05/22/2021 1500	06/03/2021 1317

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**Client Sample ID:** 110 Room 1  
**Lab Sample ID:** 420-199038-1

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4 Prep Method: 200.7/200.8 Pb	1.2	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 111 Room 2  
**Lab Sample ID:** 420-199038-2

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4 Prep Method: 200.7/200.8 Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 112 Room 4  
**Lab Sample ID:** 420-199038-3

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/24/2021 0728	
Prep Method: 200.7/200.8			Date Prepared:	07/22/2021 1130	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 113 Room 5  
**Lab Sample ID:** 420-199038-4

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed: 07/24/2021 0730	
Prep Method: 200.7/200.8				Date Prepared: 07/22/2021 1130	
Pb	1.0 U	ug/L	1.0	1.0	1.0



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Job Number: 420-199038-1  
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**Client Sample ID:** 114 Room 10  
**Lab Sample ID:** 420-199038-5

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4 Prep Method: 200.7/200.8 Pb	1.0 U	ug/L	1.0	1.0	1.0

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**Client Sample ID:** 115 Room 11  
**Lab Sample ID:** 420-199038-6

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4 Prep Method: 200.7/200.8 Pb	1.7	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 116 Room 14  
**Lab Sample ID:** 420-199038-7

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed: 07/24/2021 0739	
Prep Method: 200.7/200.8				Date Prepared: 07/22/2021 1130	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 117 Cafeteria Bottle Filler  
**Lab Sample ID:** 420-199038-8

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/24/2021 0741	
Prep Method: 200.7/200.8			Date Prepared:	07/22/2021 1130	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 118 Cafeteria  
**Lab Sample ID:** 420-199038-9

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/24/2021 0743	
Prep Method: 200.7/200.8			Date Prepared:	07/22/2021 1130	
Pb	5.2	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 119 Cafeteria  
**Lab Sample ID:** 420-199038-10

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/24/2021 1453	
Prep Method: 200.7/200.8			Date Prepared:	07/23/2021 1130	
Pb	1.9	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
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**Client Sample ID:** 120 Room 31  
**Lab Sample ID:** 420-199038-11

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/24/2021 1455	
Prep Method: 200.7/200.8			Date Prepared:	07/23/2021 1130	
Pb	5.2	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
Sdg Number: Ernest C Meyer Elem

**Client Sample ID:** 121 Bottle Filler  
**Lab Sample ID:** 420-199038-12

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed: 07/24/2021 1457	
Prep Method: 200.7/200.8				Date Prepared: 07/23/2021 1130	
Pb	1.0 U	ug/L	1.0	1.0	1.0



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Job Number: 420-199038-1  
Sdg Number: Ernest C Meyer Elem

**Client Sample ID:** 122 Room 23  
**Lab Sample ID:** 420-199038-13

Date Sampled: 05/22/2021 0600  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/24/2021 0750	
Prep Method: 200.7/200.8			Date Prepared:	07/22/2021 1130	
Pb	1.6	ug/L	1.0	1.0	1.0

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Job Number: 420-199038-1  
Sdg Number: Ernest C Meyer Elem

**Client Sample ID:** 123 Room 22  
**Lab Sample ID:** 420-199038-14

Date Sampled: 05/22/2021 1500  
Date Received: 06/03/2021 1317  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/24/2021 1500	
Prep Method: 200.7/200.8			Date Prepared:	07/23/2021 1130	
Pb	1.3	ug/L	1.0	1.0	1.0

## DATA REPORTING QUALIFIERS

Client: Ulster BOCES

Job Number:  
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<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

Client: Ulster BOCES

Job Number:

Sdg Number: Ernest C Meyer Elem

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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), Setttable 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

Client: Ulster BOCES

Job Number:

Sdg Number: Ernest C Meyer Elem

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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.

**EnviroTest Laboratories, LLC**

315 Fullerton Avenue  
 Newburgh, NY 12550  
 Phone (845) 562-0890 Fax (845) 562-0841

**Chain of Custody Record**



<b>Client Information</b>		Sampler: Kingston CSD	Lab PM:	Deliverable Type: Level I, Level II, NYS ASP Cat B EDD (Specify):	JOB #: <b>199038</b>						
Client Contact: C Fischer		Phone: 845 255-1400 X1361	E-Mail: cfischer@ulsterbooces.org tclapper@kingstoncityschools.org								
Company: Kingston CSD C/O Ulster BOCES			<b>Analysis Requested</b>		Page: Page 1 of 1						
Address: 21 Wynkoop Place		Due Date Requested:		<b>Preservation Codes:</b> A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - H2SO4 F - MeOH G - NH4CL H - Ascorbic Acid I - Ice J - DI Water K - Sodium Thiosulfate L - EDA M - Sodium Sulfit N - None O - MCAA P - Other (specify)  Other:  Upon Receipt Preservation verified: Y / N							
City: Kingston		TAT Requested (days):									
State, Zip: NY, 12401		PO #:									
Phone: 845-2551400 X1361		PWS #:									
Email: cfischer@ulsterbooces.org		Project #:									
Project Name: Ulster BOCES		Additional Contacts:									
Site: Ernest C. Meyer Elementary School											
Sample Identification	Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (DW=drinking water, W=water, S=solid, O=waste/oil)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Chlorine Present (Yes or No)	Lead (DW 200.8)	Total Number of Containers	Special Instructions/Note:
110 Room 1		5/22/21	6AM	G	DW				X		
111 Room 2		5/22/21		G	DW				X		
112 Room 4		5/22/21		G	DW				X		
113 Room 5		5/22/21		G	DW				X		
114 Room 10		5/22/21		G	DW				X		
115 Room 11		5/22/21		G	DW				X		
116 Room 14		5/22/21		G	DW				X		
117 Cafeteria Bottle Filler		5/22/21		G	DW				X		
118 Cafeteria		5/22/21		G	DW				X		
119 Cafeteria		5/22/21		G	DW				X		
120 Room 31		5/22/21		G	DW				X		
121 Bottle Filler		5/22/21		G	DW				X		
122 Room 23		5/22/21		G	DW				X		
123 Room 22		5/22/21	1500	G	DW				X		
Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria, C=Cube, O=Other, T=Terracore, D=BOD Bottle Size Code: 1=Liter, 2=250 mL, 3=125 mL, 4=40 mL, 5=Gallon, 6=Half Gallon, 7=Other										Container Type P	
Preservation Added Upon Receipt: Manufacturer/Lot #:										Container Size 2	
Relinquished by: <i>[Signature]</i>		Date: 6/3/21 1317		Company: <i>ulsterbooces</i>		Received by: <i>[Signature]</i>		Date/Time: 6/3/21 1317		Company: <i>ETL</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
ICE Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Custody Seal Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Page 22 of 25		Cooler Temperature(s) °C/IR GUN #: 22.8°C		07/27/2021	

420-199038-B-1  
 110 Room 1  
 Date Sampled: 5/22/2021 420-1706085

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster BOCES

Job Number: 420-199038-1  
SDG Number: Ernest C Meyer Elem

**Login Number: 199038**

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	22.8 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	