

ANALYTICAL REPORT

Job Number: 420-205842-1

SDG Number: Lanape Elementary School- New Paltz CSD

Job Description: Ulster BOCES

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

Attention: Christy Fischer



Designee for
Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
09/23/2021

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METHOD SUMMARY

Client: Ulster BOCES

Job Number: 420-205842-1
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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 200.7/200.8

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Ulster BOCES

Job Number: 420-205842-1

SDG Number: Lanape Elementary School- New Paltz CSD

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Luis, Carlos	CL
EPA 200.8 Rev.5.4	Palentino, Gus J	GJP

SAMPLE SUMMARY

Client: Ulster BOCES

Job Number: 420-205842-1

SDG Number: Lanape Elementary School- New Paltz CSD

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-205842-1	Water Cooler by Library	Drinking Water	09/07/2021 0741	09/07/2021 1120
420-205842-2	Bottle Filler by Library	Drinking Water	09/07/2021 0742	09/07/2021 1120
420-205842-3	#1 Water Fountain by Gym	Drinking Water	09/07/2021 0750	09/07/2021 1120
420-205842-4	#2 Water Fountain by Gym	Drinking Water	09/07/2021 0751	09/07/2021 1120
420-205842-5	#3 Water Fountain by Gym	Drinking Water	09/07/2021 0753	09/07/2021 1120
420-205842-6	Bottle Filler by Gym	Drinking Water	09/07/2021 0753	09/07/2021 1120

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Client Sample ID: Water Cooler by Library
Lab Sample ID: 420-205842-1

Date Sampled: 09/07/2021 0741
Date Received: 09/07/2021 1120
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/13/2021 1508	
Prep Method: 200.7/200.8			Date Prepared:	09/12/2021 1400	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Client Sample ID: Bottle Filler by Library
Lab Sample ID: 420-205842-2

Date Sampled: 09/07/2021 0742
Date Received: 09/07/2021 1120
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/13/2021 1510	
Prep Method: 200.7/200.8			Date Prepared:	09/12/2021 1400	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Client Sample ID: #1 Water Fountain by Gym
Lab Sample ID: 420-205842-3

Date Sampled: 09/07/2021 0750
Date Received: 09/07/2021 1120
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/13/2021 1512	
Prep Method: 200.7/200.8			Date Prepared:	09/12/2021 1400	
Pb	2.9	ug/L	1.0	1.0	1.0

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Client Sample ID: #2 Water Fountain by Gym
Lab Sample ID: 420-205842-4

Date Sampled: 09/07/2021 0751
Date Received: 09/07/2021 1120
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/21/2021 1828	
Prep Method: 200.7/200.8			Date Prepared:	09/13/2021 1241	
Pb	8.7	ug/L	1.0	1.0	1.0

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Client Sample ID: #3 Water Fountain by Gym
Lab Sample ID: 420-205842-5

Date Sampled: 09/07/2021 0753
Date Received: 09/07/2021 1120
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/13/2021 1514	
Prep Method: 200.7/200.8			Date Prepared:	09/12/2021 1400	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Client Sample ID: Bottle Filler by Gym
Lab Sample ID: 420-205842-6

Date Sampled: 09/07/2021 0753
Date Received: 09/07/2021 1120
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/13/2021 1516	
Prep Method: 200.7/200.8			Date Prepared:	09/12/2021 1400	
Pb	1.0 U	ug/L	1.0	1.0	1.0

DATA REPORTING QUALIFIERS

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

Certification Information

Client: Ulster BOCES

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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

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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

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 Phone (845) 562-0890 Fax (845) 562-0841

Chain of Custody Record



Client Information		Sampler: C Fischer	Lab PM:	Deliverable Type: Level I, Level II, NYS ASP Cat B EDD (Specify):	JOB #: 205842					
Client Contact: C Fischer		Phone: 845 255-1400 X1361	E-Mail:							
Company: New Paltz Central School District C/OUlster BOCES			Analysis Requested							
Address: 196 Main Street		Due Date Requested:			Page: Page 1 of 1 Preservation Codes: 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 Sulfite N - None O - MCAA P - Other (specify) Other: Upon Receipt Preservation verified: Y / N					
City: New Paltz		TAT Requested (days):								
State, Zip: NY, 12561		PO #:								
Phone: 845-255-1400 X1361		PWS #:								
Email: cfischer@ulsterboces.org		Project #:								
Project Name: Ulster BOCES		Additional Contacts: Please Email Results to both: cfischer@ulsterboces.org & ggardner@newpaltz.k12.ny.us								
Site: Lenape 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
Preservation Code:										
Water Cooler by Library		9/7/21	741	G	DW	X	X	X	X	
Bottle Filler by Library		9/7/21	742	G	DW	X	X	X	X	
#1 Water Fountain by Gym		9/7/21	750	G	DW	X	X	X	X	
#2 Water Fountain by Gym		9/7/21	751	G	DW	X	X	X	X	
#3 Water Fountain by Gym		9/7/21	753	G	DW	X	X	X	X	
Bottle Filler by Gym		9/7/21	753	G	DW	X	X	X	X	
Special Instructions/Note:										
 420-205842-B-1 Water Cooler by Library Date Sampled: 9/7/2021 420-1776317										
Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria, C=Cube, O=Other, T=Terracore, D=BOD Bottle										Container Type P
Size Code: 1=Liter, 2=250 mL, 3=125 mL, 4=40 mL, 5=Gallon, 6=Half Gallon, 7=Other										Container Size 2
Preservation Added Upon Receipt:		Date:	Time:	Sample # (s):						
Manufacturer/Lot #:		Date/Time:	Company:	Received by:		Date/Time:	Company:			
Relinquished by: <i>[Signature]</i>		Date/Time: 9/7/21 1120	Company: ulsterboces	Received by: <i>[Signature]</i>		Date/Time: 9/7/21 1120	Company: <i>[Signature]</i>			
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:			
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:			
ICE Present: Δ Yes <input checked="" type="checkbox"/> No	Custody Seal No.:	Custody Seals Intact: Yes Δ No		Page 14 of 15	Cooler Temperature(s) °C/ IR GUN #: 24.8°C	09/23/2021				

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster BOCES

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Login Number: 205842

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	24.8 C
Cooler Temp. is within method specified range.(0-4 C PW, 0-6 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	