

ANALYTICAL REPORT

Job Number: 420-204879-1

SDG Number: New Paltz Middle School

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
08/30/2021

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

METHOD SUMMARY

Client: Ulster BOCES

Job Number: 420-204879-1
SDG Number: New Paltz Middle School

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: 420-204879-1
SDG Number: New Paltz Middle School

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Makara, Anna	AM

SAMPLE SUMMARY

Client: Ulster BOCES

Job Number: 420-204879-1
SDG Number: New Paltz Middle School

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-204879-1	Room 50 Home Ec Sink 2 nearest exit door	Drinking Water	08/24/2021 0634	08/24/2021 1035
420-204879-2	Room 50 Home Ec Sink 3	Drinking Water	08/24/2021 0635	08/24/2021 1035
420-204879-3	Room 50 Home Ec Sink 4	Drinking Water	08/24/2021 0637	08/24/2021 1035
420-204879-4	Room 50 Home Ec Sink 5	Drinking Water	08/24/2021 0638	08/24/2021 1035
420-204879-5	Room 50 Home Ec Sink 6	Drinking Water	08/24/2021 0639	08/24/2021 1035
420-204879-6	Room 1 sink	Drinking Water	08/24/2021 0628	08/24/2021 1035
420-204879-7	Room 6 sink	Drinking Water	08/24/2021 0626	08/24/2021 1035
420-204879-8	Main office kitchen sink	Drinking Water	08/24/2021 0619	08/24/2021 1035
420-204879-9	Men's bath hall from Gym Sink 1	Drinking Water	08/24/2021 0622	08/24/2021 1035
420-204879-10	Women's bath Hall from Gym Sink 2	Drinking Water	08/24/2021 0621	08/24/2021 1035

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Client Sample ID: Room 50 Home Ec Sink 2 nearest exit door
Lab Sample ID: 420-204879-1

Date Sampled: 08/24/2021 0634
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1638	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	3.9	ug/L	1.0	1.0	1.0

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Job Number: 420-204879-1
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Client Sample ID: Room 50 Home Ec Sink 3
Lab Sample ID: 420-204879-2

Date Sampled: 08/24/2021 0635
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1641	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	13	ug/L	1.0	1.0	1.0

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Job Number: 420-204879-1
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Client Sample ID: Room 50 Home Ec Sink 4
Lab Sample ID: 420-204879-3

Date Sampled: 08/24/2021 0637
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1654	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	15	ug/L	1.0	1.0	1.0

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Job Number: 420-204879-1
Sdg Number: New Paltz Middle School

Client Sample ID: Room 50 Home Ec Sink 5
Lab Sample ID: 420-204879-4

Date Sampled: 08/24/2021 0638
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1656	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	46	g	ug/L	1.0	1.0

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Job Number: 420-204879-1
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Client Sample ID: Room 50 Home Ec Sink 6
Lab Sample ID: 420-204879-5

Date Sampled: 08/24/2021 0639
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1658	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	12	ug/L	1.0	1.0	1.0

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Job Number: 420-204879-1
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Client Sample ID: Room 1 sink
Lab Sample ID: 420-204879-6

Date Sampled: 08/24/2021 0628
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1700	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	96	g	ug/L	1.0	1.0

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Job Number: 420-204879-1
Sdg Number: New Paltz Middle School

Client Sample ID: Room 6 sink
Lab Sample ID: 420-204879-7

Date Sampled: 08/24/2021 0626
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1703	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	15	ug/L	1.0	1.0	1.0

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Job Number: 420-204879-1
Sdg Number: New Paltz Middle School

Client Sample ID: Main office kitchen sink
Lab Sample ID: 420-204879-8

Date Sampled: 08/24/2021 0619
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1705	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	10	ug/L	1.0	1.0	1.0

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Job Number: 420-204879-1
Sdg Number: New Paltz Middle School

Client Sample ID: Men's bath hall from Gym Sink 1
Lab Sample ID: 420-204879-9

Date Sampled: 08/24/2021 0622
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1707	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	12	ug/L	1.0	1.0	1.0

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Job Number: 420-204879-1
Sdg Number: New Paltz Middle School

Client Sample ID: Women's bath Hall from Gym Sink 2
Lab Sample ID: 420-204879-10

Date Sampled: 08/24/2021 0621
Date Received: 08/24/2021 1035
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/27/2021 1709	
Prep Method: 200.7/200.8			Date Prepared:	08/25/2021 0958	
Pb	14	ug/L	1.0	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Ulster BOCES

Job Number:
Sdg Number: New Paltz Middle School

Lab Section	Qualifier	Description
Metals	g	Result fails applicable NYS drinking water standards

Certification Information

Client: Ulster BOCES

Job Number:

Sdg Number: New Paltz Middle School

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:

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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.

EnviroTest Laboratories, LLC

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

Chain of Custody Record



Client Information		Sampler: J Stoothoff		Lab PM:		Deliverable Type: Level I, Level II, NYS ASP Cat B EDD (Specify):		JOB #: 204879		
Client Contact: C Fischer		Phone: 845 255-1400 X1361		E-Mail:						
Company: New Paltz Central School District C/OUlster BOCES				Analysis Requested				Page: Page 1 of 1		
Address: 196 Main Street		Due Date Requested:		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 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)		
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						Other:		
Site: New Paltz Middle School								Upon Receipt Preservation verified: Y / N		
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)	Special Instructions/Note:
				Preservation Code:						
Room 50 Home Ec Sink 2 nearest exit door		8/24/21	634	G	DW				X	
Room 50 Home Ec Sink 3		8/24/21	635	G	DW				X	
Room 50 Home Ec sink 4		8/24/21	637	G	DW				X	
Room 50 Home Ec sink 5		8/24/21	638	G	DW				X	
Room 50 Home Ec sink 6		8/24/21	639	G	DW				X	
Room 1 sink		8/24/21	628	G	DW				X	
Room 6 sink		8/24/21	626	G	DW				X	
Main office kitchen sink		8/24/21	619	G	DW				X	
Men's bath hall from Gym Sink 1		8/24/21	622	G	DW				X	
Women's bath Hall from Gym Sink 2		8/24/21	621	G	DW				X	

420-204879-B-1
 Room 50 Home Ec Sink 2 nearest exit door
 Date Sampled: 8/24/2021 420-1768747

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 #:							
Relinquished by: <i>[Signature]</i>		Date/Time: 8/24/21 10:35		Company: Ulster BOCES		Received by: <i>[Signature]</i>	
Relinquished by:		Date/Time:		Company:		Received by: <i>[Signature]</i>	
Relinquished by:		Date/Time:		Company:		Received by:	
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		Cooler Temperature(s) °C/ IR GUN #: 25-6 C	

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LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster BOCES

Job Number: 420-204879-1
SDG Number: New Paltz Middle School

Login Number: 204879

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	25.6C
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 chilled samples
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	