

ANALYTICAL REPORT

Job Number: 420-232996-1

SDG Number: Minisink Valley CSD/Minisink High School

Job Description: Orange-Ulster BOCES DW

For:
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Attention: Jack DeGraw



Designee for
Felicia Nichols
Customer Service Manager
reports@envirotestlaboratories.com
09/15/2022

cc: Maureen Doherty
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Joseph Russo
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Envirotest Laboratories

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METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-232996-1

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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: Orange-Ulster BOCES

Job Number: 420-232996-1

SDG Number: Minisink Valley CSD/Minisink High School

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Ratka, Angela	AR

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-232996-1

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Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-232996-1	CU DF Outside 222	Water	08/23/2022 0618	08/23/2022 1347
420-232996-2	CU BF Outside 222	Water	08/23/2022 0619	08/23/2022 1347
420-232996-3	English Wing CU DF	Water	08/23/2022 0622	08/23/2022 1347
420-232996-4	English Wing CU BF	Water	08/23/2022 0624	08/23/2022 1347

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Client Sample ID: CU DF Outside 222
Lab Sample ID: 420-232996-1

Date Sampled: 08/23/2022 0618
Date Received: 08/23/2022 1347
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 09/14/2022 1326			
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Client Sample ID: CU BF Outside 222
Lab Sample ID: 420-232996-2

Date Sampled: 08/23/2022 0619
Date Received: 08/23/2022 1347
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 09/14/2022 1332			
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-232996-1
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Client Sample ID: English Wing CU DF
Lab Sample ID: 420-232996-3

Date Sampled: 08/23/2022 0622
Date Received: 08/23/2022 1347
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 09/14/2022 1335			
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-232996-1
Sdg Number: Minisink Valley CSD/Minisink High School

Client Sample ID: English Wing CU BF
Lab Sample ID: 420-232996-4

Date Sampled: 08/23/2022 0624
Date Received: 08/23/2022 1347
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 09/14/2022 1338			
Pb	1.00	U	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

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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

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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: Orange-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

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LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

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Login Number: 232996

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.	True	
Cooler Temperature is recorded.	True	22.6
Cooler Temp. is within method specified range.(0-4 C PW, 0-6 C NPW, or BAC <10 C	True	
If false, was sample received on ice within 6 hours of collection.	NA	
Based on above criteria cooler temperature is acceptable.	True	
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	