

#### **ANALYTICAL REPORT**

Job Number: 420-216106-1

SDG Number: Port Jervis CSD- Middle School

Job Description: Orange-Ulster BOCES

For:

Orange-Ulster BOCES 53 Gibson Road Goshen, NY 10924

Attention: Jack DeGraw

Designee for

Meredith W Ruthven

Customer Service Manager

mruthven@envirotestlaboratories.com

02/16/2022

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## **METHOD SUMMARY**

Client: Orange-Ulster BOCES Job Number: 420-216106-1

SDG Number: Port Jervis CSD- 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: Orange-Ulster BOCES Job Number: 420-216106-1

SDG Number: Port Jervis CSD- Middle School

 Method
 Analyst
 Analyst ID

 EPA 200.8 Rev.5.4
 Luis, Carlos
 CL

# **SAMPLE SUMMARY**

Client: Orange-Ulster BOCES Job Number: 420-216106-1

SDG Number: Port Jervis CSD- Middle School

			Date/Time	Date/Time
Lab Sample ID	Client Sample ID	Client Matrix	Sampled	Received
420-216106-1	Cafeteria Water Fountain	Drinking Water	01/28/2022 1658	02/01/2022 1155
420-216106-2	Cafeteria Bottle Filler	Drinking Water	01/28/2022 1658	02/01/2022 1155

Jack DeGraw Job Number: 420-216106-1 Orange-Ulster BOCES Sdg Number: Port Jervis CSD- Middle School 53 Gibson Road

Client Sample ID: **Cafeteria Water Fountain** 

Goshen, NY 10924

01/28/2022 1658 Date Sampled: Date Received: 02/01/2022 1155 Lab Sample ID: 420-216106-1 Client Matrix: **Drinking Water** 

Analyte Result/Qualifier Unit RLRLDilution 02/13/2022 1548 Method: 200.8 Rev.5.4 Date Analyzed: Date Prepared: 02/12/2022 1750 Prep Method: 200.7/200.8 Pb 1.00 U ug/L 1.00 1.00 1.0

Jack DeGraw

Job Number: 420-216106-1

Orange-Ulster BOCES

Sdg Number: Port Jervis CSD- Middle School

53 Gibson Road

Client Sample ID: Cafeteria Bottle Filler

Lab Sample ID: 420-216106-2

Goshen, NY 10924

Date Sampled: 01/28/2022 1658
Date Received: 02/01/2022 1155
Client Matrix: Drinking Water

Analyte	Result/Qualit	fier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Ar	nalyzed:	02/13/2022 1551	
Prep Method: 200.7/200.8			Date Pr	epared:	02/12/2022 1750	
Pb	1.00	U	ug/L	1.00	1.00	1.0

# **DATA REPORTING QUALIFIERS**

Client: Orange-Ulster BOCES Job Number:

Sdg Number: Port Jervis CSD- Middle School

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

#### **Certification Information**

Client: Orange-Ulster BOCES Job Number:

Sdg Number: Port Jervis CSD- 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), 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**

Client: Orange-Ulster BOCES Job Number:

Sdg Number: Port Jervis CSD- Middle School

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** EnviroTest Laboratories, LLC **Chain of Custody Record** Laboratories 315 Fullerton Avenue Newburgh, NY 12550 Phone (845) 562-0890 Fax (845) 562-0841 Deliverable Type: Level I, Level II, Sampler: Lab PM: J DeGraw Client Information NYS ASP Cat B hone: 216106 Client Contact: 845-781-4887 EDD (Specify): joseph.russo@ouboces.org Kevin Flynn Halina.redner@ouboces.org Maureen.doherty@ouboces.org Company: Page 1 of 1 **Analysis Requested** Orange-Ulster BOCES Preservation Codes: Due Date Requested: Address: Standard Turn-Around 53 Gibson Road TAT Requested (days): L- EDA B - NaOH Goshen - Sodium Sulfite C - Zn Acetate State, Zip: N - None D - Nitric Acid O - MCAA NY, 10924 F - H2SO4 P - Other (specify) PO#: Phone: F - MeOH 845-781-4887 G - NH4CI PWS #: H - Ascorbic Acid Halina.redner@ouboces.org joseph.russo@ouboces.org J - DI Water Maureen.doherty@ouboces.org Chlorine Present (Yes or No) K - Sodium Thiosulfate Project #: Project Name: Port Jervis CSD Other Additional Contacts: Middle School D-Nitric Acid Matrix (DW Upon Receipt Preservation verified: drinking Sample Y / Nwater, Type W=water, (C=comp, S=solid. Sample Sample G=grab) | O=waste/oil, Sample Identification Client ID (Lab ID) Time Date Preservation Code: Special Instructions/Note: G DW Cafeteria Water Fountain 1/28/22 4:58 G DW Cafeteria Bottle Filler 1/28/22 4:58 DW G G DW G DW DW G DW G G DW G DW DW G G DW G DW 420-216106-B-2 DW G 1 Cafeteria Bottle Filler DW G Date Sampled: 1/28/2022 420-1855661 DW P Container Type Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria, C=Cube, O=Other, T=Terracore, D=BOD Bottle Preservation Added Unon Receipt: Manufacturer/Lot # Company Company Received by: Date/Time: OUBOCES Company Received by:

ICE Present

Custody Seal No.:

Relinguished by:

16.2

Cooler Temperature(s) °C/ IR GUN #

Company

Custody Seals Intact:

Date/Time:

Company

122 1155

# LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-216106-1

SDG Number: Port Jervis CSD- Middle School

Login Number: 216106

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	16.0 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.	True	Sample does not need cooling
Based on above criteria cooler temperature is acceptable.	True	Sample does not need 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	