

ANALYTICAL REPORT

Job Number: 420-215071-1

SDG Number: Port Jervis CSD HBE

Job Description: Orange-Ulster BOCES

For:

Orange-Ulster BOCES

53 Gibson Road

Goshen, NY 10924

Attention: Jack DeGraw

Raura A. Fleck

Designee for

Meredith W Ruthven

Customer Service Manager

mruthven@envirotestlaboratories.com

01/19/2022

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

Envirotest Laboratories

315 Fullerton Avenue, Newburgh, NY 12550

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METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-215071-1
SDG Number: Port Jervis CSD HBE

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: 420-215071-1
SDG Number: Port Jervis CSD HBE

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Luis, Carlos	CL

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-215071-1
SDG Number: Port Jervis CSD HBE

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-215071-1	Side Entrance Womens Water Fountain	Drinking Water	01/04/2022 0426	01/13/2022 0835
420-215071-2	Side Entrance Mens Water Fountain	Drinking Water	01/04/2022 0426	01/13/2022 0835
420-215071-3	Freedom Wing-Higher Water Fountain	Drinking Water	01/04/2022 0429	01/13/2022 0835
420-215071-4	Justice Wing Girls Lowe Fountain	Drinking Water	01/04/2022 0432	01/13/2022 0835

Jack DeGraw
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Job Number: 420-215071-1
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Client Sample ID: Side Entrance Womens Water Fountain
Lab Sample ID: 420-215071-1

Date Sampled: 01/04/2022 0426
Date Received: 01/13/2022 0835
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 01/18/2022	1905	
Prep Method: 200.7/200.8			Date Prepared: 01/17/2022	1000	
Pb	12.5	ug/L	1.00	1.00	1.0

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Job Number: 420-215071-1
Sdg Number: Port Jervis CSD HBE

Client Sample ID: Side Entrance Mens Water Fountain
Lab Sample ID: 420-215071-2

Date Sampled: 01/04/2022 0426
Date Received: 01/13/2022 0835
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 01/18/2022	1909	
Prep Method: 200.7/200.8			Date Prepared: 01/17/2022	1000	
Pb	49.3 g	ug/L	1.00	1.00	1.0

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Job Number: 420-215071-1
Sdg Number: Port Jervis CSD HBE

Client Sample ID: Freedom Wing-Higher Water Fountain
Lab Sample ID: 420-215071-3

Date Sampled: 01/04/2022 0429
Date Received: 01/13/2022 0835
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 01/18/2022 1912		
Prep Method: 200.7/200.8			Date Prepared: 01/17/2022 1000		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Goshen, NY 10924

Job Number: 420-215071-1
Sdg Number: Port Jervis CSD HBE

Client Sample ID: Justice Wing Girls Lowe Fountain
Lab Sample ID: 420-215071-4

Date Sampled: 01/04/2022 0432
Date Received: 01/13/2022 0835
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 01/18/2022 1915		
Prep Method: 200.7/200.8			Date Prepared: 01/17/2022 1000		
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 HBE

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

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

Job Number:

Sdg Number: Port Jervis CSD HBE

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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Newburgh, NY 12550
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Chain of Custody Record



Client Information Client Contact: Joseph Russo		Sampler: J. Russo Phone: 845-781-4887	Lab PM: E-Mail: joseph_russo@ouboces.org Halina.redner@ouboces.org Maureen.doherty@ouboces.org	Deliverable Type: Level I, Level II, NYS ASP Cat B EDD (Specify):	JOB #: 215071
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Company: Orange-Ulster BOCES		Analysis Requested			Page: Page 1 of 1																										
Address: 53 Gibson Road		Due Date Requested: Standard Turn-Around	<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perform MS/MSD (Yes or No)</td> <td>Chlorine Present (Yes or No)</td> <td>Lead</td> <td>Total Number of Containers</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>			Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Chlorine Present (Yes or No)	Lead	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 Sulfit N - None O - MCAA P - Other (specify)
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Chlorine Present (Yes or No)				Lead	Total Number of Containers																								
City: Goshen		TAT Requested (days):																													
State, Zip: NY, 10924		PO #:																													
Phone: 845-781-4887		PWS #:																													
Email: joseph_russo@ouboces.org Halina.redner@ouboces.org Maureen.doherty@ouboces.org		Project #:																													
Project Name: Port Jervis CSD		Additional Contacts:																													
Site: HBE		Other: D-Nitric Acid Upon Receipt Preservation verified: Y / N																													

Sample Date	Sample Time	Sample Identification	Client ID (Lab ID)	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	Total Number of Containers	Special Instructions/Note:
1/4/22	426	SIDE ENTRANCE WOMENS WATER FOUNTAIN		G	DW				1	1	
1/4/22	426	SIDE ENTERANCE MENS WATER FOUNTAIN		G	DW				1	1	
1/4/22	429	FREEDOM WING-HIGHER WATER FOUNTAIN		G	DW				1	1	
1/4/22	432	JUSTICE WING GIRLS LOWE FOUNTAIN		G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	
				G	DW				1	1	



420-215071-B-1
Side Entrance Womens Water Fountain
Date Sampled: 1/4/2022 420-1847447

Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria, C=Cube, O=Other, T=Terracore, D=BOD Bottle		Time:		Sample # (s):	
Preservation Added/Upon Receipt:	Manufacturer/Lot #:	Date:	Received by:	Date/Time:	Company:
Relinquished by: <i>[Signature]</i>	Date/Time: 1/13/22 8:35	Company: OUBOCES	Received by: <i>[Signature]</i>	Date/Time: 1/13/22 8:35	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: <input checked="" type="checkbox"/> Custody Seal No.:		Custody Seals Intact: <input checked="" type="checkbox"/>		Cooler Temperature(s) °C/IR GUN #: 19.02	

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-215071-1
SDG Number: Port Jervis CSD HBE

Login Number: 215071

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	19.0C
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 chilling
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	