

## ANALYTICAL REPORT

Job Number: 420-196071-1

SDG Number: Monroe Woodbury CSD- High School

Job Description: Orange-Ulster BOCES

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

Attention: Jack DeGraw



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Designee for  
Meredith W Ruthven  
Customer Service Manager  
mruthven@envirotestlaboratories.com  
07/06/2021

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

## METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-196071-1  
SDG Number: Monroe Woodbury CSD- High School

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
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: 420-196071-1  
SDG Number: Monroe Woodbury CSD- High School

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
EPA 200.8 Rev.5.4	Luis, Carlos	CL

## SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-196071-1  
SDG Number: Monroe Woodbury CSD- High School

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
420-196071-1	Football Field BF1	Drinking Water	04/23/2021 0701	04/27/2021 1427
420-196071-2	Football Field B1	Drinking Water	04/23/2021 0701	04/27/2021 1427
420-196071-3	Football Field BF2	Drinking Water	04/23/2021 0702	04/27/2021 1427
420-196071-4	Football Field B2	Drinking Water	04/23/2021 0702	04/27/2021 1427
420-196071-5	Tennis Court B	Drinking Water	04/23/2021 0705	04/27/2021 1427

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Job Number: 420-196071-1  
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**Client Sample ID:** Football Field BF1  
**Lab Sample ID:** 420-196071-1

Date Sampled: 04/23/2021 0701  
Date Received: 04/27/2021 1427  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/01/2021 2125	
Prep Method: 200.7/200.8			Date Prepared:	06/29/2021 0900	
Pb	1.00 U	ug/L	1.00	1.00	1.0

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**Client Sample ID:** Football Field B1  
**Lab Sample ID:** 420-196071-2

Date Sampled: 04/23/2021 0701  
Date Received: 04/27/2021 1427  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/01/2021	2127	
Prep Method: 200.7/200.8			Date Prepared: 06/29/2021	0900	
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Job Number: 420-196071-1  
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**Client Sample ID:** Football Field BF2  
**Lab Sample ID:** 420-196071-3

Date Sampled: 04/23/2021 0702  
Date Received: 04/27/2021 1427  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/01/2021 2129		
Prep Method: 200.7/200.8			Date Prepared: 06/29/2021 0900		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Job Number: 420-196071-1  
Sdg Number: Monroe Woodbury CSD- High School

**Client Sample ID:** Football Field B2  
**Lab Sample ID:** 420-196071-4

Date Sampled: 04/23/2021 0702  
Date Received: 04/27/2021 1427  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/01/2021 2132		
Prep Method: 200.7/200.8			Date Prepared: 06/29/2021 0900		
Pb	1.00 U	ug/L	1.00	1.00	1.0



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Job Number: 420-196071-1  
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**Client Sample ID:** Tennis Court B  
**Lab Sample ID:** 420-196071-5

Date Sampled: 04/23/2021 0705  
Date Received: 04/27/2021 1427  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/01/2021	2134	
Prep Method: 200.7/200.8			Date Prepared: 06/29/2021	0900	
Pb	1.00 U	ug/L	1.00	1.00	1.0

## DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:  
Sdg Number: Monroe Woodbury CSD- High School

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
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: Monroe Woodbury CSD- High School

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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), 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

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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**



<b>Client Information</b>	Sampler: J DeGraw	Lab PM:	Deliverable Type: Level I, Level II, NYS ASP Cat B EDD (Specify):	JOB #:  196071
Client Contact: Kevin Flynn	Phone: 845-781-4887	E-Mail: joseph.russo@ouboces.org Halina.redner@ouboces.org Maureen.doherty@ouboces.org		

Company: Orange-Ulster BOCES	<b>Analysis Requested</b>			Page: Page 1 of 1
Address: 53 Gibson Road	Due Date Requested: Standard Turn-Around	 <b>420-196071-B-1</b> Football Field BF1		<b>Preservation Codes:</b> A - HCL L - EDA M B - NaOH - Sodium Sulfite C - Zn Acetate N - None D - Nitric Acid O - MCAA E - H2SO4 P - Other (specify) F - MeOH G - NH4CL H - Ascorbic Acid I - Ice J - DI Water K - Sodium Thiosulfate
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 #:	Date Sampled: 4/23/2021	420-1677065	Other: <b>D-Nitric Acid</b>
Project Name: Monroe Woodbury CSD	Additional Contacts:	Upon Receipt Preservation verified: Y / N		
High School:				

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	Perform MS/MSD (Y)	Chlorine Present (Y)	Lead	Total Number of Containers	Special Instructions/Note:
4/23/21	7:01	Football Field BF1		G	DW				1	1	
4/23/21	7:01	Football Field B1		G	DW				1	1	
4/23/21	7:02	Football Field BF2		G	DW				1	1	
4/23/21	7:02	Football Field B2		G	DW				1	1	
4/23/21	7:05	Tennis Court B		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	

Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria, C=Cube, O=Other, T=Terracore, D=BOD Bottle		P		Container Type	
Preservation Added Upon Receipt:	Manufacturer/lot #/Date:	Time:	Sample # (s):		
Relinquished by: <i>[Signature]</i>	Date/Time: 4/27/21 2:22	Company: OUBOCES	Received by: <i>[Signature]</i>	Date/Time: 4/27/21 1427	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 #: 19.7°C		

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-196071-1  
SDG Number: Monroe Woodbury CSD- High School

**Login Number: 196071**

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	19.7 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 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	