

## ANALYTICAL REPORT

Job Number: 420-205712-1

SDG Number: Warwick VCSD- Warwick Middle 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  
09/13/2021

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

**Envirotest Laboratories**

315 Fullerton Avenue, Newburgh, NY 12550

Tel (845) 562-0890 Fax (845) 562-0841 [www.envirotestlaboratories.com](http://www.envirotestlaboratories.com)

## METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-205712-1  
SDG Number: Warwick VCSD- Warwick Middle 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: 420-205712-1  
SDG Number: Warwick VCSD- Warwick Middle 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: 420-205712-1  
SDG Number: Warwick VCSD- Warwick Middle 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>
420-205712-1	Wood Shop CS 3	Drinking Water	09/01/2021 0656	09/03/2021 0915
420-205712-2	Wood Shop CS 4	Drinking Water	09/01/2021 0656	09/03/2021 0915
420-205712-3	Girls Locker Room BS 1	Drinking Water	09/01/2021 0659	09/03/2021 0915

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Job Number: 420-205712-1  
Sdg Number: Warwick VCSD- Warwick Middle School

**Client Sample ID:** Wood Shop CS 3  
**Lab Sample ID:** 420-205712-1

Date Sampled: 09/01/2021 0656  
Date Received: 09/03/2021 0915  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/09/2021 1621	
Prep Method: 200.7/200.8			Date Prepared:	09/08/2021 1543	
Pb	4.19	ug/L	1.00	1.00	1.0

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Job Number: 420-205712-1  
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**Client Sample ID:** Wood Shop CS 4  
**Lab Sample ID:** 420-205712-2

Date Sampled: 09/01/2021 0656  
Date Received: 09/03/2021 0915  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/07/2021 2003	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	2.82	ug/L	1.00	1.00	1.0

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Job Number: 420-205712-1  
Sdg Number: Warwick VCSD- Warwick Middle School

**Client Sample ID:** Girls Locker Room BS 1  
**Lab Sample ID:** 420-205712-3

Date Sampled: 09/01/2021 0659  
Date Received: 09/03/2021 0915  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/07/2021 2005	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	2.25	ug/L	1.00	1.00	1.0

## DATA REPORTING QUALIFIERS

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
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## 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), 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

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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

**EnviroTest Laboratories, LLC**

315 Fullerton Avenue  
Newburgh, NY 12550  
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**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 #:  205712
Client Contact: Kevin Flynn	Phone: 845-781-4887	E-Mail: joseph.russo@oubores.org Halina.redner@oubores.org Maureen.doherty@oubores.org		

Company: Orange-Ulster BOCES	Due Date Requested: Standard Turn-Around	<b>Analysis Requested</b>				Page: Page 1 of 1
Address: 53 Gibson Road	TAT Requested (days):	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Chlorine Present (Yes or No)	Lead	Total Number of Containers
City: Goshen	PO #:					
State, Zip: NY, 10924	PWS #:					
Phone: 845-781-4887	Project #:					
Email: joseph.russo@oubores.org Halina.redner@oubores.org Maureen.doherty@oubores.org	Additional Contacts:					
Project Name: Warwick VCSD Warwick Middle School						Preservation Codes: 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 Thiostulfate Other: <b>D-Nitric Acid</b> 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:
9/1/21	6:56	Wood Shop CS 3		G	DW				1		
9/1/21	6:56	Wood Shop CS 4		G	DW				1		
9/1/21	6:59	Girls Locker Room BS 1		G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		
				G	DW				1		

420-205712-B-3  
Girls Locker Room BS 1  
Date Sampled: 9/1/2021 420-1775307

Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria, C=Cube, O=Other, T=Terracore, D=BOD Bottle	Manufacturer/Lot #:	Date:	Time:	Sample # (s):	Container Type
Preservation Added Upon Receipt:					
Relinquished by: <i>[Signature]</i>	Date/Time: 9/3/21 9:15	Company: OUBOCES	Received by: <i>[Signature]</i>	Date/Time: 9/3/21 09:15	Company: ETC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

ICE Present: *[initials]* Custody Seal No.: \_\_\_\_\_ Custody Seals Intact:  $\Delta$  Cooler Temperature(s) °C/IR GUN #: \_\_\_\_\_

*21-9e*

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-205712-1

SDG Number: Warwick VCSD- Warwick Middle School

**Login Number: 205712**

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	21.9C
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 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.	False	
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	