

ANALYTICAL REPORT

Job Number: 420-205708-1

SDG Number: Warwick VCSD Kings 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
09/13/2021

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified in the Certification Information section of this report. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories LLC certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative. All services performed by EnviroTest Laboratories LLC are subject to our Terms and Conditions available at Envirotestlabs/terms.com. As of 12/23/19, EnviroTest Laboratories LLC acquired substantially all of the lab and testing assets of EnviroTest Laboratories Inc, including its name.

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

METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-205708-1
SDG Number: Warwick VCSD Kings 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: 420-205708-1
SDG Number: Warwick VCSD Kings School

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

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-205708-1
SDG Number: Warwick VCSD Kings School

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-205708-1	Lower Wing Girls BS 1	Drinking Water	09/01/2021 0620	09/03/2021 0915
420-205708-2	Lower Wing Girls BS 2	Drinking Water	09/01/2021 0620	09/03/2021 0915
420-205708-3	Lower Wing Girls BS 3	Drinking Water	09/01/2021 0622	09/03/2021 0915
420-205708-4	Lower Wing Left Bubbler	Drinking Water	09/01/2021 0623	09/03/2021 0915
420-205708-5	Lower Wing Center Bubbler	Drinking Water	09/01/2021 0623	09/03/2021 0915
420-205708-6	Lower Wing Right Bubbler	Drinking Water	09/01/2021 0624	09/03/2021 0915
420-205708-7	Bubbler Next to Phone Booth	Drinking Water	09/01/2021 0626	09/03/2021 0915
420-205708-8	Library CS	Drinking Water	09/01/2021 0627	09/03/2021 0915
420-205708-9	Room 301 CS	Drinking Water	09/01/2021 0628	09/03/2021 0915
420-205708-10	Room 302 CS	Drinking Water	09/01/2021 0630	09/03/2021 0915
420-205708-11	Room 303 CS	Drinking Water	09/01/2021 0631	09/03/2021 0915
420-205708-12	Room 304 CS	Drinking Water	09/01/2021 0632	09/03/2021 0915
420-205708-13	Coach's Room BS	Drinking Water	09/01/2021 0633	09/03/2021 0915
420-205708-14	Room 307 CS	Drinking Water	09/01/2021 0635	09/03/2021 0915
420-205708-15	Room 308 CS	Drinking Water	09/01/2021 0636	09/03/2021 0915
420-205708-16	Room 312 CS	Drinking Water	09/01/2021 0637	09/03/2021 0915

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Lower Wing Girls BS 1
Lab Sample ID: 420-205708-1

Date Sampled: 09/01/2021 0620
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 1913	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	16.8	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Lower Wing Girls BS 2
Lab Sample ID: 420-205708-2

Date Sampled: 09/01/2021 0620
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 1915	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	4.22	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Lower Wing Girls BS 3
Lab Sample ID: 420-205708-3

Date Sampled: 09/01/2021 0622
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 1928	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	11.9	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Lower Wing Left Bubbler
Lab Sample ID: 420-205708-4

Date Sampled: 09/01/2021 0623
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 1930	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	12.0	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Lower Wing Center Bubbler
Lab Sample ID: 420-205708-5

Date Sampled: 09/01/2021 0623
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 1932	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	6.21	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Lower Wing Right Bubbler
Lab Sample ID: 420-205708-6

Date Sampled: 09/01/2021 0624
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 1935	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	6.46	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Bubbler Next to Phone Booth
Lab Sample ID: 420-205708-7

Date Sampled: 09/01/2021 0626
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 1605	
Pb	27.5 g	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Library CS
Lab Sample ID: 420-205708-8

Date Sampled: 09/01/2021 0627
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 1937	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	5.33	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Room 301 CS
Lab Sample ID: 420-205708-9

Date Sampled: 09/01/2021 0628
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 1939	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	10.9	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Room 302 CS
Lab Sample ID: 420-205708-10

Date Sampled: 09/01/2021 0630
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 1941	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	15.4 g	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Room 303 CS
Lab Sample ID: 420-205708-11

Date Sampled: 09/01/2021 0631
Date Received: 09/03/2021 0915
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4 Pb	17.1 g	ug/L	1.00	1.00	1.0

Date Analyzed: 09/09/2021 1608

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Room 304 CS
Lab Sample ID: 420-205708-12

Date Sampled: 09/01/2021 0632
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 1943	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	10.4	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Coach's Room BS
Lab Sample ID: 420-205708-13

Date Sampled: 09/01/2021 0633
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 1950	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	13.7	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Room 307 CS
Lab Sample ID: 420-205708-14

Date Sampled: 09/01/2021 0635
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 1952	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	1.89	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Room 308 CS
Lab Sample ID: 420-205708-15

Date Sampled: 09/01/2021 0636
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 1956	
Prep Method: 200.7/200.8			Date Prepared:	09/05/2021 1300	
Pb	2.91	ug/L	1.00	1.00	1.0

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Job Number: 420-205708-1
Sdg Number: Warwick VCSD Kings School

Client Sample ID: Room 312 CS
Lab Sample ID: 420-205708-16

Date Sampled: 09/01/2021 0637
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 1612	
Prep Method: 200.7/200.8			Date Prepared:	09/08/2021 1543	
Pb	1.72	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:
Sdg Number: Warwick VCSD Kings School

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

Certification Information

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Warwick VCSD Kings 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: Warwick VCSD Kings 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 Laboratories, LLC

315 Fullerton Avenue
Newburgh, NY 12550
Phone (845) 562-0890 Fax (845) 562-0841

Chain of Custody Record



Client Information Client Contact: Kevin Flynn	Sampler: J DeGraw 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 #: 205708
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Company: Orange-Ulster BOCES Address: 53 Gibson Road City: Goshen State, Zip: NY, 10924 Phone: 845-781-4887 Email: joseph.russo@ouboces.org Halina.redner@ouboces.org Maureen.doherty@ouboces.org	Due Date Requested: Standard Turn-Around TAT Requested (days): PO #: PWS #: Project #: Additional Contacts:	Analysis Requested	Page: Page 1 of 1 Preservation Codes: A - HCL L - EDA M B - NaOH L - 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 Other: D-Nitric Acid Upon Receipt Preservation verified: Y / N
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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	6:20	Lower Wing Girls BS 1		G	DW				1		
9/1/21	6:20	Lower Wing Girls BS 2		G	DW				1		
9/1/21	6:22	Lower Wing Boys BS 3		G	DW				1		
9/1/21	6:23	Lower Wing Left Bubbler		G	DW				1		
9/1/21	6:23	Lower Wing Center Bubbler		G	DW				1		
9/1/21	6:24	Lower Wing Right Bubbler		G	DW				1		
9/1/21	6:26	Bubbler Next to Phone Booth		G	DW				1		
9/1/21	6:27	Library CS		G	DW				1		
9/1/21	6:28	Room 301 CS		G	DW				1		
9/1/21	6:30	Room 302 BS		G	DW				1		
9/1/21	6:31	Room 303 BS		G	DW				1		
9/1/21	6:32	Room 304 BS		G	DW				1		
9/1/21	6:33	Coach's Room BS		G	DW				1		
9/1/21	6:35	Room 307 CS		G	DW				1		
9/1/21	6:36	Room 308 CS		G	DW				1		

420-205708-B-15
Room 308 CS
Date Sampled: 9/1/2021
420-1775293

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:		Date/Time:		Date:	Time:	Sample # (s):	Container Type
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:		

ICE Present: **W**

Custody Seal No.:

Custody Seals Intact: **Δ**

Cooler Temperature(s) °C/IR GUN #:

2109

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-205708-1
SDG Number: Warwick VCSD Kings School

Login Number: 205708

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.	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	