ANALYTICAL REPORT

Job Number: 420-232114-1

SDG Number: Career & Technical Education Center

Job Description: Orange-Ulster BOCES

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

Attention: Jack DeGraw



Felicia Nichols
Customer Service Manager
reports@envirotestlaboratories.com
08/22/2022

cc: Maureen Doherty
Halina Redner
Joseph Russo
Amanda York

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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: 420-232114-1
SDG Number: Career & Technical Education Center

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: 420-232114-1
SDG Number: Career & Technical Education Center

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Ratka, Angela	AR

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-232114-1
SDG Number: Career & Technical Education Center

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-232114-1	CTE 114 WATER FOUNTAIN	Water	08/11/2022 0413	08/11/2022 1253
420-232114-2	CTE RM 115 BUBBLER	Water	08/11/2022 0415	08/11/2022 1253
420-232114-3	CTE 117 WATER FOUNTAIN	Water	08/11/2022 0419	08/11/2022 1253
420-232114-4	CTE 118 WATER FOUNTAIN	Water	08/11/2022 0420	08/11/2022 1253
420-232114-5	CTE MAIN OFFICE 101 WC	Water	08/11/2022 0424	08/11/2022 1253
420-232114-6	CTE 400 BLDG BUBBLER OUTSIDE 405	Water	08/11/2022 0430	08/11/2022 1253
420-232114-7	CTE 400 BLDG BUUBLER OUTSIDE 411	Water	08/11/2022 0434	08/11/2022 1253

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Job Number: 420-232114-1
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Client Sample ID: **CTE 114 WATER FOUNTAIN**
Lab Sample ID: **420-232114-1**

Date Sampled: 08/11/2022 0413
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/18/2022 2014	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 1100	
Pb	8.06	ug/L	1.00	1.00	1.0

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Job Number: 420-232114-1
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Client Sample ID: **CTE RM 115 BUBBLER**
Lab Sample ID: **420-232114-2**

Date Sampled: 08/11/2022 0415
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/18/2022 2017	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 1100	
Pb	2.83	ug/L	1.00	1.00	1.0

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Job Number: 420-232114-1
Sdg Number: Career & Technical Education Center

Client Sample ID: **CTE 117 WATER FOUNTAIN**
Lab Sample ID: **420-232114-3**

Date Sampled: 08/11/2022 0419
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/18/2022 2019	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 1100	
Pb	5.48	ug/L	1.00	1.00	1.0

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Job Number: 420-232114-1
Sdg Number: Career & Technical Education Center

Client Sample ID: **CTE 118 WATER FOUNTAIN**
Lab Sample ID: **420-232114-4**

Date Sampled: 08/11/2022 0420
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/18/2022 2027	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 1100	
Pb	15.0	ug/L	1.00	1.00	1.0

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Job Number: 420-232114-1
Sdg Number: Career & Technical Education Center

Client Sample ID: **CTE MAIN OFFICE 101 WC**
Lab Sample ID: **420-232114-5**

Date Sampled: 08/11/2022 0424
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:		08/18/2022 2029	
Prep Method: 200.7/200.8			Date Prepared:		08/18/2022 1100	
Pb	51.4	g	ug/L	1.00	1.00	1.0

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Job Number: 420-232114-1
Sdg Number: Career & Technical Education Center

Client Sample ID: **CTE 400 BLDG BUBBLER OUTSIDE 405**
Lab Sample ID: **420-232114-6**

Date Sampled: 08/11/2022 0430
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/18/2022 2031	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 1100	
Pb	4.64	ug/L	1.00	1.00	1.0

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Job Number: 420-232114-1
Sdg Number: Career & Technical Education Center

Client Sample ID: **CTE 400 BLDG BUUBLER OUTSIDE 411**
Lab Sample ID: **420-232114-7**

Date Sampled: 08/11/2022 0434
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/18/2022 2034	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 1100	
Pb	1.18	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Career & Technical Education Center

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

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: Career & Technical Education Center

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, Inc.

CHAIN OF CUSTODY

Lab Name **EnviroTest Laboratories**
Address & Phone **315 Fullerton Avenue, Newburgh, New York 12550 845-562-0890**

REPORT# (Lab Use Only) 232114

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION
nge-Ulster BOCES/Career & Technical Education (C		
ENVIROTEST PROJECT MANAGER: Debra Bayer	P O NUMBER	TOWN
CLIENT (SITE) PM: Joseph Russo	CLIENT PHONE: 845-781-4887	CLIENT FAX
CLIENT NAME: Orange-Ulster BOCES	Joseph.russo@ouboces.org	
CLIENT ADDRESS: 53 Gibson Road, Goshen, NY 10924		
COMPANY CONTRACTING THIS WORK (if applicable):		

PAGE 1 of 1

TURNAROUND TIME
NORMAL _____
QUICK _____
VERBAL _____

#OF COOLERS

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) *INDICATE*	MATRIX: AQUEOUS (WATER)	MATRIX: D (Drinking Water) or W (Waste Water) *Indicate*	MATRIX: SOLID OR SEMISOLID	MATRIX: OTHER *Specify*	REQUIRED ANALYSES: Total # of Containers	40ml Vials HCl	Liter Amber HCl	250ml Plastic Nitric Acid	250ml Plastic Sulfuric Acid	Liter Plastic	250ml Plastic	Terra Core	Other	Other	REMARKS
								NUMBER OF CONTAINERS SUBMITTED										
8/11/2022	4:13am	CTE 114 Water Fountain	G		D			1			1							Lead (DW 200.8)
8/11/2022	4:15am	CTE Rm 115 Bubbler	G		D			1			1							Lead (DW 200.8)
8/11/2022	4:19am	CTE 117 Water Fountain	G		D			1			1							Lead (DW 200.8)
8/11/2022	4:20am	CTE 118 Water Fountain	G		D			1			1							Lead (DW 200.8)
8/11/2022	4:24am	CTE Main Office 101 WC	G		D			1			1							Lead (DW 200.8)
8/11/2022	4:30am	CTE 400 BLDG Bubbler Outside 405	G		D			1			1							Lead (DW 200.8)
8/11/2022	4:34am	CTE 400 BLDG Bubbler Outside 411	G		D			1			1							Lead (DW 200.8)

420-232114-B-7
CTE 400 BLDG BUUBLER OUTSIDE 411

Date Sampled: 8/11/2022 420-1960948

RELINQUISHED BY: (SIGNATURE)	COMPANY: Orange-Ulster BOCES	DATE 8/11/2022	TIME 1253	RECEIVED BY: (SIGNATURE)	COMPANY	DATE / TIME
SAMPLED BY: (SIGNATURE)	COMPANY: Orange-Ulster BOCES	DATE 8/11/2022	TIME 1253	RECEIVED BY: (SIGNATURE)	COMPANY	DATE / TIME
RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPANY	DATE / TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	Cooler Temp(C):.	LABORATORY REMARKS:
	8/11	1753	YES / NO	24.3	ICE (Y / N) pH____ CL2____ Reveiwed by_____

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-232114-1

SDG Number: Career & Technical Education Center

Login Number: **232114**

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.	True	
Cooler Temperature is recorded.	True	24.3 C
Cooler Temp. is within method specified range.(0-4 C PW, 0-6 C NPW, or BAC <10 C	True	
If false, was sample received on ice within 6 hours of collection.	NA	
Based on above criteria cooler temperature is acceptable.	True	
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	