EnviroTest Laboratories Inc.

ANALYTICAL REPORT

Job Number: 420-159924-1

SDG Number: Minisink Valley CSD- High School

Job Description: Orange-Ulster BOCES

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

Attention: Jack DeGraw

Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
09/24/2019

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 Inc. 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.

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

METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-159924-1
SDG Number: Minisink Valley CSD- High 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: 420-159924-1
SDG Number: Minisink Valley CSD- High School

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

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-159924-1
SDG Number: Minisink Valley CSD- High School

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-159924-1	MVHS Girl's Locker Room - A Left Fixture	Drinking Water	09/10/2019 0600	09/10/2019 1122
420-159924-2	MVHS Girl's Locker Room - B Center Fixture	Drinking Water	09/10/2019 0600	09/10/2019 1122
420-159924-3	MVHS Girl's Locker Room - C Right Fixture	Drinking Water	09/10/2019 0600	09/10/2019 1122
420-159924-4	MVHS Team Room - A Left Fixture	Drinking Water	09/10/2019 0604	09/10/2019 1122
420-159924-5	MVHS Team Room - B Center Fixture	Drinking Water	09/10/2019 0604	09/10/2019 1122
420-159924-6	MVHS Team Room - C Right Fixture	Drinking Water	09/10/2019 0604	09/10/2019 1122
420-159924-7	MVHS Boy's Team Room - A Left Fixture	Drinking Water	09/10/2019 0608	09/10/2019 1122
420-159924-8	MVHS Boy's Team Room - B Center Fixture	Drinking Water	09/10/2019 0608	09/10/2019 1122
420-159924-9	MVHS Boy's Team Room - C Right Fixture	Drinking Water	09/10/2019 0608	09/10/2019 1122
420-159924-10	MVHS Boy's Locker Room - A Left Fixture	Drinking Water	09/10/2019 0611	09/10/2019 1122
420-159924-11	MVHS Boy's Locker Room - B Center Fixture	Drinking Water	09/10/2019 0611	09/10/2019 1122
420-159924-12	MHVS Boy's Locker Room - C Right Fixture	Drinking Water	09/10/2019 0611	09/10/2019 1122

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Job Number: 420-159924-1
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Client Sample ID: **MVHS Girl's Locker Room - A Left Fixture**
Lab Sample ID: **420-159924-1**

Date Sampled: 09/10/2019 0600
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0850	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	10.9	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
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Client Sample ID: **MVHS Girl's Locker Room - B Center Fixture**
Lab Sample ID: **420-159924-2**

Date Sampled: 09/10/2019 0600
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0855	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	5.06	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Girl's Locker Room - C Right Fixture**
Lab Sample ID: **420-159924-3**

Date Sampled: 09/10/2019 0600
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0857	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	3.72	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Team Room - A Left Fixture**
Lab Sample ID: **420-159924-4**

Date Sampled: 09/10/2019 0604
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0858	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	3.20	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Team Room - B Center Fixture**
Lab Sample ID: **420-159924-5**

Date Sampled: 09/10/2019 0604
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0900	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	3.62	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Team Room - C Right Fixture**
Lab Sample ID: **420-159924-6**

Date Sampled: 09/10/2019 0604
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0901	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	1.89	ug/L	1.00	1.00	1.0

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Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Boy's Team Room - A Left Fixture**
Lab Sample ID: **420-159924-7**

Date Sampled: 09/10/2019 0608
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0904	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	4.33	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Boy's Team Room - B Center Fixture**
Lab Sample ID: **420-159924-8**

Date Sampled: 09/10/2019 0608
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0906	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	4.44	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Boy's Team Room - C Right Fixture**
Lab Sample ID: **420-159924-9**

Date Sampled: 09/10/2019 0608
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0908	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	1.95	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Boy's Locker Room - A Left Fixture**
Lab Sample ID: **420-159924-10**

Date Sampled: 09/10/2019 0611
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0909	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	3.48	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MVHS Boy's Locker Room - B Center Fixture**
Lab Sample ID: **420-159924-11**

Date Sampled: 09/10/2019 0611
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 0914	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	3.86	ug/L	1.00	1.00	1.0

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Job Number: 420-159924-1
Sdg Number: Minisink Valley CSD- High School

Client Sample ID: **MHVS Boy's Locker Room - C Right Fixture**
Lab Sample ID: **420-159924-12**

Date Sampled: 09/10/2019 0611
Date Received: 09/10/2019 1122
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/16/2019 1833	
Prep Method: 200.7/200.8		Date Prepared:		09/13/2019 0921	
Pb	2.11	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

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), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), 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).

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), Propylene Glycol (8015D).

Definitions and Glossary

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 159924

REPORT# (Lab Use Only)

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

PROJECT REFERENCE	PROJECT NO	PROJECT LOCATION
Minisink Valley CSD - High School		
ENVIROTEST PROJECT MANAGER	P.O. NUMBER	TOWN
Debra Bayer		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Jack DeGraw	845-781-4887	
CLIENT NAME	christy.fischer@ouboces.org	
Orange-Ulster BOCES		
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 TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: D (Drinking Water) or W (Waste Water) Indicate	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: 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										
9/10/2019	0600	MVHS Gilr's locker room - "A" (left) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0600	MVHS Gilr's locker room - "B" (center) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0600	MVHS Gilr's locker room - "C" (right) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0604	MVHS Team Room - "A" (left) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0604	MVHS Team Room - "B" (center) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0604	MVHS Team Room - "C" (right) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0608	MVHS Boy's Team Room - "A" (left) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0608	MVHS Boy's Team Room - "B" (center) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0608	MVHS Boy's Team Room - "C" (right) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0611	MVHS Boy's Locker Room - "A" (left) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0611	MVHS Boy's Locker Room - "B" (center) fixture	G		D			1			1							Lead (DW 200.8)
9/10/2019	0611	MVHS Boy's Locker Room - "C" (right) fixture	G		D			1			1							Lead (DW 200.8)

RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPAN	DATE	TIME
Maureen B Doherty	OUBOCES	9/10/19	1122				
SAMPLED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPAN	DATE	TIME
Maureen B Doherty	OUBOCES	9/10/19	0630				
RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPAN	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES NO	Cooler Temp(C):.	LABORATORY REMARKS: ICE (Y (N) pH____ CL2____ Reveiwed by_____
Lisa Hoak	09/10/19	11:22		24.2°C	IR#4

420-159924-B-12
MHVS Boy's Locker Room - C Right Fixture

Date Sampled: 9/10/2019 420-1388308

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-159924-1

SDG Number: Minisink Valley CSD- High School

Login Number: **159924**

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	24.2 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.	False	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	