EnviroTest Laboratories Inc.

ANALYTICAL REPORT

Job Number: 420-180578-1

SDG Number: Greenwood Lake Elementary School

Job Description: Orange-Ulster BOCES

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

Attention: Jack DeGraw

Meredith Ruthven

Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
10/01/2020

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: 420-180578-1
SDG Number: Greenwood Lake Elementary 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: 420-180578-1
SDG Number: Greenwood Lake Elementary School

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

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-180578-1
SDG Number: Greenwood Lake Elementary School

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-180578-1	1 Nurse's Office Sink	Drinking Water	09/11/2020 0633	09/11/2020 1205
420-180578-2	2 Office Kitchenette Sink	Drinking Water	09/11/2020 0635	09/11/2020 1205

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-180578-1
Sdg Number: Greenwood Lake Elementary School

Client Sample ID: **1 Nurse's Office Sink**
Lab Sample ID: **420-180578-1**

Date Sampled: 09/11/2020 0633
Date Received: 09/11/2020 1205
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/17/2020 1534	
Prep Method: 200.7/200.8		Date Prepared:		09/14/2020 1300	
Pb	11.9	ug/L	1.00	1.00	1.0

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-180578-1
Sdg Number: Greenwood Lake Elementary School

Client Sample ID: **2 Office Kitchenette Sink**
Lab Sample ID: **420-180578-2**

Date Sampled: 09/11/2020 0635
Date Received: 09/11/2020 1205
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		09/17/2020 1536	
Prep Method: 200.7/200.8		Date Prepared:		09/14/2020 1300	
Pb	6.05	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), 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

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): 180578

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION
Greenwood Lake Elementary School		
ENVIROTEST PROJECT MANAGER	**P.O. NUMBER**	**TOWN**
Debra Bayer		
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
Jack DeGraw	845-781-4887	
CLIENT NAME	joseph.russo@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										
9/11/2020	6:33	1 Nurse's Office Sink	G		D			1			1							Lead (DW 200.8)
9/11/2020	6:35	2 Office Kitchenette Sink	G		D			1			1							Lead (DW 200.8)

420-180578-B-1
1 Nurse's Office Sink
Date Sampled: 9/11/2020 420-1547278

RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPA	DATE	TIME
	OUBOCES	9-11-20	12:05				
SAMPLED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPA	DATE	TIME
	OUBOCES	9-11-20	6:33				
RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPA	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	Cooler Temp(C):.	LABORATORY REMARKS:
Shannon Petty VM	9/11/20	12:05	YES NO	23.4	ICE (Y___N X) pH____ CL2____ Reveiwed by_____

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-180578-1
SDG Number: Greenwood Lake Elementary School

Login Number: 180578

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	23.4 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	True	Method does not require cooling
If false, was sample received on ice within 6 hours of collection.	True	
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	

SAMPLE DELIVERY GROUP	CLIENT SAMPLE ID	RESULT	DATE SAMPLED	TIME COLLECTED
Greenwood Lake Elementary School	1 Nurse's Office Sink	11.9	09/11/2020	06:33
Greenwood Lake Elementary School	2 Office Kitchenette Sink	6.05	09/11/2020	06:35