EnviroTest Laboratories Inc.

ANALYTICAL REPORT

Job Number: 420-232121-1

SDG Number: Arden Hill Center

Job Description: Orange-Ulster BOCES

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

Attention: Joseph Russo



Felicia Nichols
Customer Service Manager
reports@envirotestlaboratories.com
09/01/2022

cc: Maureen Doherty
Halina Redner
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EnviroTest Laboratories, LLC. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOPH PH-0554

Envirotest Laboratories
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METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-232121-1
SDG Number: Arden Hill 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: 420-232121-1
SDG Number: Arden Hill Center

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

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-232121-1
SDG Number: Arden Hill Center

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-232121-1	RIGHT FOUNTAIN BY 254	Water	08/11/2022 0252	08/11/2022 1253
420-232121-2	LEFT FOUNTAIN BY 254	Water	08/11/2022 0252	08/11/2022 1253
420-232121-3	WC/DF O/S 233 (LEFT)	Water	08/11/2022 0300	08/11/2022 1253
420-232121-4	WC/DF O/S 233 (RIGHT)	Water	08/11/2022 0300	08/11/2022 1253
420-232121-5	LEFT FOUNTAIN BY 242	Water	08/11/2022 0303	08/11/2022 1253
420-232121-6	RIGHT FOUNTAIN BY 242	Water	08/11/2022 0304	08/11/2022 1253
420-232121-7	323D RIGHT FOUNTAIN	Water	08/11/2022 0306	08/11/2022 1253
420-232121-8	323D LEFT FOUNTAIN	Water	08/11/2022 0306	08/11/2022 1253

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Job Number: 420-232121-1
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Client Sample ID: **RIGHT FOUNTAIN BY 254**
Lab Sample ID: **420-232121-1**

Date Sampled: 08/11/2022 0252
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/29/2022 1647	
Prep Method: 200.7/200.8		Date Prepared:		08/23/2022 1537	
Pb	7.28	ug/L	1.00	1.00	1.0

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Job Number: 420-232121-1
Sdg Number: Arden Hill Center

Client Sample ID: **LEFT FOUNTAIN BY 254**
Lab Sample ID: **420-232121-2**

Date Sampled: 08/11/2022 0252
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/29/2022 1705	
Prep Method: 200.7/200.8		Date Prepared:		08/23/2022 1537	
Pb	12.1	ug/L	1.00	1.00	1.0

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Job Number: 420-232121-1
Sdg Number: Arden Hill Center

Client Sample ID: **WC/DF O/S 233 (LEFT)**
Lab Sample ID: **420-232121-3**

Date Sampled: 08/11/2022 0300
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/19/2022 1344	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 0940	
Pb	2.52	ug/L	1.00	1.00	1.0

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Job Number: 420-232121-1
Sdg Number: Arden Hill Center

Client Sample ID: **WC/DF O/S 233 (RIGHT)**
Lab Sample ID: **420-232121-4**

Date Sampled: 08/11/2022 0300
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/19/2022 1347	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 0940	
Pb	1.48	ug/L	1.00	1.00	1.0

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Job Number: 420-232121-1
Sdg Number: Arden Hill Center

Client Sample ID: **LEFT FOUNTAIN BY 242**
Lab Sample ID: **420-232121-5**

Date Sampled: 08/11/2022 0303
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		08/19/2022 1350	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 0940	
Pb	1.07	ug/L	1.00	1.00	1.0

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Job Number: 420-232121-1
Sdg Number: Arden Hill Center

Client Sample ID: **RIGHT FOUNTAIN BY 242**
Lab Sample ID: **420-232121-6**

Date Sampled: 08/11/2022 0304
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 2111	
Prep Method: 200.7/200.8		Date Prepared:		08/18/2022 1100	
Pb	1.29	ug/L	1.00	1.00	1.0

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Job Number: 420-232121-1
Sdg Number: Arden Hill Center

Client Sample ID: **323D RIGHT FOUNTAIN**
Lab Sample ID: **420-232121-7**

Date Sampled: 08/11/2022 0306
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:		08/19/2022 1353	
Prep Method: 200.7/200.8			Date Prepared:		08/18/2022 0940	
Pb	1.00	U	ug/L	1.00	1.00	1.0

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Job Number: 420-232121-1
Sdg Number: Arden Hill Center

Client Sample ID: **323D LEFT FOUNTAIN**
Lab Sample ID: **420-232121-8**

Date Sampled: 08/11/2022 0306
Date Received: 08/11/2022 1253
Client Matrix: Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:		08/19/2022 1402	
Prep Method: 200.7/200.8			Date Prepared:		08/18/2022 0940	
Pb	1.00	U	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:
Sdg Number: Arden Hill Center

Lab Section	Qualifier	Description
Metals		
	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

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: Arden Hill 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): 232121

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION
Orange-Ulster BOCES/Arden Hill Center		
ENVIROTEST PROJECT MANAGER	P.O. NUMBER	TOWN
Debra Bayer		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Joseph Russo	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															
8/11/2022	2:52am	Right fountain by 254	G		D			1			1							Lead (DW 200.8)
8/11/2022	2:52am	Left Fountian by 254	G		D			1			1							Lead (DW 200.8)
8/11/2022	3:00am	WC/DF O/S 233 (left)	G		D			1			1							Lead (DW 200.8)
8/11/2022	3:00am	WC/DF O/S 233 (right)	G		D			1			1							Lead (DW 200.8)
8/11/2022	3:03am	Left Fountain by 242	G		D			1			1							Lead (DW 200.8)
8/11/2022	3:04am	Right Fountain by 242	G		D			1			1							Lead (DW 200.8)
8/11/2022	3:06am	323D (near elevator) Right Fountain	G		D			1			1							Lead (DW 200.8)
8/11/2022	3:06am	323D (near elevator) Left Fountain	G		D			1			1							Lead (DW 200.8)

420-232121-B-8
323D LEFT FOUNTAIN
Date Sampled: 8/11/2022
420-1961016

RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPANY	DATE	TIME
	Orange-Ulster BOCES	8/11/22	1253				
SAMPLED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMPANY	DATE	TIME
	Orange-Ulster BOCES	8/11/22	1253				
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	1253	YES / NO	24.3	ICE (Y ✓ N) pH_____ CL2_____ Reveiwed by_____

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-232121-1
SDG Number: Arden Hill Center

Login Number: **232121**

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	