

ANALYTICAL REPORT

Job Number: 420-196978-1

SDG Number: Goshen CSD Admin Bldg 227 Main St

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
07/16/2021

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

Envirotest Laboratories

315 Fullerton Avenue, Newburgh, NY 12550
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METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-196978-1
SDG Number: Goshen CSD Admin Bldg 227 Main St

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: 420-196978-1
SDG Number: Goshen CSD Admin Bldg 227 Main St

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

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-196978-1
SDG Number: Goshen CSD Admin Bldg 227 Main St

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-196978-1	AG BR o/s District clerk	Drinking Water	05/05/2021 0658	05/07/2021 1253
420-196978-2	Kitchenette KS o/s Superintendents office	Drinking Water	05/05/2021 0700	05/07/2021 1253
420-196978-3	Superintendents office BR	Drinking Water	05/05/2021 0701	05/07/2021 1253
420-196978-4	Board room Kitchen KS	Drinking Water	05/05/2021 0702	05/07/2021 1253

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Client Sample ID: AG BR o/s District clerk
Lab Sample ID: 420-196978-1

Date Sampled: 05/05/2021 0658
Date Received: 05/07/2021 1253
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/13/2021	1710	
Prep Method: 200.7/200.8			Date Prepared: 07/12/2021	1445	
Pb	2.46	ug/L	1.00	1.00	1.0

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Job Number: 420-196978-1
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Client Sample ID: Kitchenette KS o/s Superintendents office
Lab Sample ID: 420-196978-2

Date Sampled: 05/05/2021 0700
Date Received: 05/07/2021 1253
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 07/13/2021	1713	
Prep Method: 200.7/200.8			Date Prepared: 07/12/2021	1445	
Pb	1.51	ug/L	1.00	1.00	1.0

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Job Number: 420-196978-1
Sdg Number: Goshen CSD Admin Bldg 227 Main St

Client Sample ID: Superintendents office BR
Lab Sample ID: 420-196978-3

Date Sampled: 05/05/2021 0701
Date Received: 05/07/2021 1253
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/13/2021 1715	
Prep Method: 200.7/200.8			Date Prepared:	07/12/2021 1445	
Pb	20.9 g	ug/L	1.00	1.00	1.0

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Job Number: 420-196978-1
Sdg Number: Goshen CSD Admin Bldg 227 Main St

Client Sample ID: Board room Kitchen KS
Lab Sample ID: 420-196978-4

Date Sampled: 05/05/2021 0702
Date Received: 05/07/2021 1253
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	07/13/2021 1717	
Prep Method: 200.7/200.8			Date Prepared:	07/12/2021 1445	
Pb	14.9	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:
Sdg Number: Goshen CSD Admin Bldg 227 Main St

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

Certification Information

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Goshen CSD Admin Bldg 227 Main St

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), Setttable 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: Goshen CSD Admin Bldg 227 Main St

<u>Abbreviation</u>	<u>These commonly used abbreviations may or may not be present in this report.</u>
%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

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Chain of Custody Record

EnviroTest Laboratories

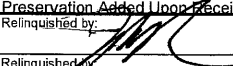
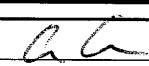
Client Information		Sampler: Joseph Russo	Lab PM:	Deliverable Type: Level I, Level II, NYS ASP Cat B EDD (Specify):	JOB #: 196978
Client Contact: Joseph Russo		Phone: 845-781-4887	E-Mail: joseph.russo@ouboces.org Halina.redner@ouboces.org Maureen.doherty@ouboces.org		

Company: Orange-Ulster BOCES		Analysis Requested			Page: Page 1 of 1
Address: 53 Gibson Road		Due Date Requested: Standard Turn-Around	 420-196978-B-1 AG BR o/s District clerk Date Sampled: 5/5/2021 420-1686764		
City: Goshen		TAT Requested (days):			
State, Zip: NY, 10924		PO #:			
Phone: 845-781-4887		PWS #:			
Email: joseph.russo@ouboces.org Halina.redner@ouboces.org Maureen.doherty@ouboces.org		Project #:	Other: D-Nitric Acid		
Project Name: Goshen CSD		Additional Contacts:	Upon Receipt Preservation verified: Y / N		
Site: Administration Bldg. - 227 Main Street					

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	Perform MS/MSD	Chlorine Present	Lead	Total Number of Containers	Special Instructions/Note:
5/5/21	0658	AG BR o/s District clerk	G	DW				1	1	
5/5/21	7:00	Kitchnette KS o/s Superintendents office	G	DW				1	1	
5/5/21	7:01	Superintendents office BR	G	DW				1	1	
5/5/21	7:02	Board Room Kitchen KS	G	DW				1	1	

Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria, C=Cube, O=Other, T=Terracore, D=BOD Bottle

Preservation Added Upon Receipt: _____ Manufacturer/lot # _____ Date: _____ Time: _____ Sample # (s): _____

Relinquished by: 	Date/Time: 5/7/21 12:53	Company: OUBOCES	Received by: 	Date/Time: 5/7/21/12:53	Company: ETC
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

ICE Present: Custody Seal No.: _____ Custody Seals Intact: Cooler Temperature(s) °C/IR GUN #: 21.7 (

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-196978-1
SDG Number: Goshen CSD Admin Bldg 227 Main St

Login Number: 196978

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	21.7 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.	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	

SAMPLE DELIVERY GROUP	CLIENT SAMPLE ID	RESULT	DATE SAMPLED	TIME COLLECTED
Goshen CSD Admin Bldg 227 Main St	AG BR o/s District clerk	2.46	05/05/2021	06:58
Goshen CSD Admin Bldg 227 Main St	Kitchenette KS o/s Superintendents office	1.51	05/05/2021	07:00
Goshen CSD Admin Bldg 227 Main St	Superintendents office BR	20.9	05/05/2021	07:01
Goshen CSD Admin Bldg 227 Main St	Board room Kitchen KS	14.9	05/05/2021	07:02