

ANALYTICAL REPORT

Job Number: 420-105980-1

SDG Number: Port Jervis CSD-Bldg and Grounds Office

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

06/28/2016

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

Job Narrative
420-J105980-1

Comments

Results are compared to NYS DOH drinking water standards other federal regulations may apply.

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Metals

No analytical or quality issues were noted.

METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-105980-1
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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

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-105980-1
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Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Sirico, Derek	DS

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-105980-1
SDG Number: Port Jervis CSD-Bldg and Grounds Office

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-105980-1	#1 - Break Room Sink	Drinking Water	06/16/2016 0432	06/16/2016 1345
420-105980-2	#2 - Water Fountain	Drinking Water	06/16/2016 0433	06/16/2016 1345

Jack DeGraw
Orange-Ulster BOCES
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Goshen, NY 10924

Job Number: 420-105980-1
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Client Sample ID: #1 - Break Room Sink
Lab Sample ID: 420-105980-1

Date Sampled: 06/16/2016 0432
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 06/27/2016 2321		
Prep Method: 200			Date Prepared: 06/23/2016 0935		
Pb	1.00 U	ug/L	1.00	1.00	1.0

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Client Sample ID: #2 - Water Fountain
Lab Sample ID: 420-105980-2

Date Sampled: 06/16/2016 0433
Date Received: 06/16/2016 1345
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 06/27/2016 2324		
Prep Method: 200			Date Prepared: 06/23/2016 0935		
Pb	1.00 U	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

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

Certification Information

Client: Orange-Ulster BOCES

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The following analytes are Not Part of the ELAP scope of accreditation:

Sulfur, Tungsten, Silicon, 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, Phenolphthalein Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), Total Inorganic Carbon, Volatile Acids as Acetic Acid, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, Fluorobenzene, 1-Chlorohexane, Iron Bacteria, Salmonella, & Sulfur Reducing Bacteria.

The following analytes are Not Part of ELAP Potable Water scope of accreditation:

Cobalt (200.7, 200.8), Tin (200.7), Strontium (200.7), Gold (200.7), Platinum (200.7), Palladium (200.7), Titanium (200.7), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), Naphthalene (502.2), o-Xylene (502.2, 524), & Fecal Coliform (9222D).

The following analytes are Not Part of ELAP Solid and Hazardous Waste scope of accreditation:

Ammonia (SM 4500NH3G), Nitrate-Nitrite (353.2, 10-107-4-1C), TKN (351.2), Phosphorus (365.3), Total Cresols (8270), 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).

The following analytes are Part of ELAP scope of accreditation but not for the noted methods:

Nitrate (Solid & Hazardous Waste Matrix, 300), Nitrite (Solid & Hazardous Waste, 300, 4500NO2), Sulfate (Solid & Hazardous, 300.0), alpha-Chlordane (608), Endrin Ketone (608), gamma-Chlordane (608), PCB-1262 (608), PCB-1268 (608), 1,2-Diphenylhydrazine (625), 2-MethylNaphthalene (625), 3-Methylphenol (625), 4-Nitroaniline (625), 1,1,1,2-Tetrachloroethane (624,601), 1,1,2-Trichloro-1,2,2-trifluoroethane (601,624), 1,2,3-Trichlorobenzene (624, 601), 1,2,3-Trichloropropane (624), 1,2,4-Trichlorobenzene (601,624), 1,2,4-trimethylbenzene (624), 1,2-Dichloro-3-Chloropropane (601, 624), 1,2-Dichloro-1,1,2-trifluoroethane (601, 624), 1,3,5-Trimethylbenzene (624), 1,3-Dichloropropane (624), 2,2-dichloropropane (601,624), 2-chlorotoluene (601,624), 2-hexanone (624), 4-Chlorotoluene (601,624), 4-Isopropyltoluene (624), Acetonitrile (624), Benzyl Chloride (624, 8021), Bromobenzene (601,624), Carbon disulfide (624), Bromochloromethane (624), Dibromomethane (624), 1,2-Dibromoethane (624), Hexachlorobutadiene (624), Isopropylbenzene (624), 2-Butanone (Methyl Ethyl Ketone) (624), 4-methyl-2-pentanone (624), MTBE (602), m-Xylene & p-Xylene (8021), Naphthalene (602,624), n-Butylbenzene (624), n-Propylbenzene (624), sec-Butylbenzene (624), tert-Butylbenzene (624), trans-1,4-Dichloro-2-butene (624), & Tetrahydrofuran (8260, 624).

The following analytes are Part of ELAP Scope of accreditation but not part of our certification:

Silica (6010), Free Cyanide (4500CN E), Amenable Cyanide (4500DCNG), & Vinyl Acetate (624).

The following Analytes are Part of ELAP Scope of accreditation but not part of our certification for a Non Potable Water Matrix:

Aluminium (200.8), Turbidity (180.1), Methanol (8015D), Dalapon (8151A), 1,2-Dichlorobenzene (601), Acetone (624), MTBE (624), m-Xylene & p-Xylene (602).

The following Analytes are Part of ELAP Scope of accreditation but not part of our certification for a Potable Water Matrix:

Bromide (300), Ethylene Glycol (8015D), Propylene Glycol (8015D).

The following Analyte(s) Part of ELAP Scope of accreditation but not part of our certification for a Solid and Hazardous Waste Matrix:

1,2-Diphenylhydrazine (8270).

The following Analytes are Part of ELAP Scope of accreditation but not part of our certification for an Air Matrix:

1,2-Dichlorobenzene, Carbon tetrachloride, Chlorobenzene, Chloroform, Ethylbenzene, Methylene Chloride, Tetrachloroethene, Toluene, & Trichloroethene.

Definitions and Glossary

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Port Jervis CSD-Bldg and Grounds Office

<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.



CHAIN OF CUSTODY

REPORT# (Lab Use Only)

105980

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

PROJECT REFERENCE Port Jervis CSD - Building and Grounds Office Bldg	PROJECT NO	PROJECT LOCATION	MATRIX TYPE	REQUIRED ANALYSES	PAGE 1 of 1
ENVIROTEST PROJECT MANAGER Debra Bayer	P.O. NUMBER	TOWN	OTHER Specific	40ml Vials HCl	TURNAROUND TIME
CLIENT (SITE) PM Jack DeGraw	CLIENT PHONE 845-781-4887	CLIENT FAX	COMPOSITE (C) OR GRAB (G) INDICATE	Liter Amber HCl	NORMAL
CLIENT NAME Orange-Ulster BOCES	christy.fischer@ouboces.org		AQUEOUS (WATER)	250ml Plastic Sulfuric Acid	QUICK
CLIENT ADDRESS 53 Gibson Road, Goshen, NY 10924			D (Drinking Water) or W (Waste Water) Indicate	250ml Plastic Nitric Acid	VERBAL
COMPANY CONTRACTING THIS WORK (if applicable)			SOLID OR SEMISOLID	Liter Plastic	

SAMPLE	DATE	TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE	REQUIRED ANALYSES	NUMBER OF CONTAINERS SUBMITTED	REMARKS
	6/16/2016	0432	#1 - Break Room Sink	G	D	40ml Vials HCl	1	Lead (DW 200.8)
	6/16/2016	0433	#2 - Water Fountain	G	D	Liter Amber HCl	1	Lead (DW 200.8)
						250ml Plastic Nitric Acid	1	Lead (DW 200.8)
						250ml Plastic Sulfuric Acid	1	Lead (DW 200.8)
						Liter Plastic	1	Lead (DW 200.8)
						Terra Core	1	Lead (DW 200.8)
						Other	1	Lead (DW 200.8)
						Other	1	Lead (DW 200.8)

RELINQUISHED BY (SIGNATURE) Nancy B DeGraw	DATE 6/16/16	TIME 13:45	COMPANY Orange-Ulster BOCES
SAMPLED BY (SIGNATURE) Nancy B DeGraw	DATE 6/16/16	TIME 13:45	COMPANY Orange-Ulster BOCES
RECEIVED BY (SIGNATURE) Christy Fischer	DATE 6/16/16	TIME 13:45	COMPANY Orange-Ulster BOCES

RECEIVED FOR LABORATORY BY (SIGNATURE)
 Q Elmendorf

DATE: 6/16/16 13:45

CUSTODY INTACT: YES

Cooler Temp (C): 22.4 #1

LABORATORY REMARKS: ICE (Y/N) pH CL2

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-105980-1

SDG Number: Port Jervis CSD-Bldg and Grounds Office

Login Number: 105980

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	22.4 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.	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	