

ANALYTICAL REPORT

Job Number: 420-110330-1

SDG Number: Goshen CSD - District Office Boces Floor

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

09/27/2016

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

Job Narrative
420-J110330-1

Comments

Results are compared to NYSDOH 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: 420-110330-1
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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: 420-110330-1
SDG Number: Goshen CSD - District Office Boces Floor

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Sirico, Derek	DS

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-110330-1
SDG Number: Goshen CSD - District Office Boces Floor

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-110330-1	GSD District Office BOCES Floor Water Cooler o/s 208	Drinking Water	09/16/2016 0424	09/16/2016 0848
420-110330-2	GSD District Office BOCES Floor Womens Bath sink o/s 206	Drinking Water	09/16/2016 0423	09/16/2016 0848
420-110330-3	GSD District Office BOCES Floor Kitchen Sink	Drinking Water	09/16/2016 0420	09/16/2016 0848
420-110330-4	GSD District Office BOCES Floor Mens Bath Sink o/s 208	Drinking Water	09/16/2016 0425	09/16/2016 0848
420-110330-5	GSD District Office BOCES Floor Bath sink o/s Main Office	Drinking Water	09/16/2016 0420	09/16/2016 0848

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Client Sample ID: GSD District Office BOCES Floor Water Cooler
Lab Sample ID: 420-110330-1

Date Sampled: 09/16/2016 0424
Date Received: 09/16/2016 0848
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/23/2016 0405	
Prep Method: 200			Date Prepared:	09/22/2016 1520	
Pb	4.09	ug/L	1.00	1.00	1.0

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Client Sample ID: GSD District Office BOCES Floor Womens Bath
Lab Sample ID: 420-110330-2

Date Sampled: 09/16/2016 0423
Date Received: 09/16/2016 0848
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/23/2016 0409	
Prep Method: 200			Date Prepared:	09/22/2016 1520	
Pb	7.11	ug/L	1.00	1.00	1.0

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Job Number: 420-110330-1
Sdg Number: Goshen CSD - District Office Boces Floor

Client Sample ID: GSD District Office BOCES Floor Kitchen Sink
Lab Sample ID: 420-110330-3

Date Sampled: 09/16/2016 0420
Date Received: 09/16/2016 0848
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 09/23/2016 0412		
Prep Method: 200			Date Prepared: 09/22/2016 1520		
Pb	5.85	ug/L	1.00	1.00	1.0

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Job Number: 420-110330-1
Sdg Number: Goshen CSD - District Office Boces Floor

Client Sample ID: GSD District Office BOCES Floor Mens Bath
Lab Sample ID: 420-110330-4

Date Sampled: 09/16/2016 0425
Date Received: 09/16/2016 0848
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/23/2016 0416	
Prep Method: 200			Date Prepared:	09/22/2016 1520	
Pb	6.38	ug/L	1.00	1.00	1.0

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Client Sample ID: GSD District Office BOCES Floor Bath sink o/s
Lab Sample ID: 420-110330-5

Date Sampled: 09/16/2016 0420
Date Received: 09/16/2016 0848
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	09/23/2016 0420	
Prep Method: 200			Date Prepared:	09/22/2016 1520	
Pb	2.27	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Certification Information

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, Phenolphthalien 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, 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), 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.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-110330-1

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Login Number: 110330

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	18.3 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	Preserved with Nitric acid at lab @ 0955 9/16/16. KM 9/16/16
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	