

ANALYTICAL REPORT

Job Number: 420-115321-1

SDG Number: Tuxedo UFSD - GGM and GFB Resample

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

01/10/2017

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

Envirotest Laboratories, Inc.

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METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-115321-1
SDG Number: Tuxedo UFSD - GGM and GFB Resample

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

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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: 420-115321-1
SDG Number: Tuxedo UFSD - GGM and GFB Resample

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-115321-1	GFB Outside Spigot Room 17 Hose Bib	Drinking Water	01/06/2017 0536	01/06/2017 0950
420-115321-2	GFB Science Chemical Storage Sink 215	Drinking Water	01/06/2017 0541	01/06/2017 0950
420-115321-3	GMM101 Sink	Drinking Water	01/06/2017 0554	01/06/2017 0950
420-115321-4	GMM Girls Bathroom by Multio-purpose Room Left	Drinking Water	01/06/2017 0558	01/06/2017 0950
420-115321-5	GMM Spigot Outside Gym Furnace Room	Drinking Water	01/06/2017 0601	01/06/2017 0950

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Job Number: 420-115321-1
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Client Sample ID: GFB Outside Spigot Room 17 Hose Bib
Lab Sample ID: 420-115321-1

Date Sampled: 01/06/2017 0536
Date Received: 01/06/2017 0950
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	01/09/2017 1400	
Prep Method: 200			Date Prepared:	01/09/2017 0915	
Pb	4.59	ug/L	1.00	1.00	1.0

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Client Sample ID: GFB Science Chemical Storage Sink 215
Lab Sample ID: 420-115321-2

Date Sampled: 01/06/2017 0541
Date Received: 01/06/2017 0950
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 01/09/2017 1402		
Prep Method: 200			Date Prepared: 01/09/2017 0915		
Pb	23.8 g	ug/L	1.00	1.00	1.0

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Job Number: 420-115321-1
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Client Sample ID: GMM101 Sink
Lab Sample ID: 420-115321-3

Date Sampled: 01/06/2017 0554
Date Received: 01/06/2017 0950
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 01/09/2017 1404		
Prep Method: 200			Date Prepared: 01/09/2017 0915		
Pb	107 g	ug/L	1.00	1.00	1.0

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Job Number: 420-115321-1
Sdg Number: Tuxedo UFSD - GGM and GFB Resample

Client Sample ID: GMM Girls Bathroom by Multio-purpose Room
Lab Sample ID: 420-115321-4

Date Sampled: 01/06/2017 0558
Date Received: 01/06/2017 0950
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 01/09/2017 1406		
Prep Method: 200			Date Prepared: 01/09/2017 0915		
Pb	98.3 g	ug/L	1.00	1.00	1.0

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Job Number: 420-115321-1
Sdg Number: Tuxedo UFSD - GGM and GFB Resample

Client Sample ID: GMM Spigot Outside Gym Furnace Room
Lab Sample ID: 420-115321-5

Date Sampled: 01/06/2017 0601
Date Received: 01/06/2017 0950
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	01/09/2017 1408	
Prep Method: 200			Date Prepared:	01/09/2017 0915	
Pb	3.08	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	g	Result fails applicable NYS drinking water standards

Certification Information

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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, 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

Client: Orange-Ulster BOCES

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<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.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

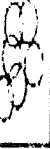
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Login Number: 115321

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	
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	

EnviroTest Laboratories, Inc.



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

115321

REPORT# (Lab Use Only)

PROJECT REFERENCE: Tuxedo UFSD - GGM and GFB **Asphalt**

ENVIROTEST PROJECT MANAGER: Debra Bayer

CLIENT/SITE PM: Jack DeGraw

CLIENT NAME: Orange-Ulster BOCES

CLIENT ADDRESS: 53 Gibson Road, Goshen, NY 10924

CLIENT PHONE: 845-781-4887

CLIENT FAX: chrissy.fischer@oubooces.org

PROJECT NO: PROJECT LOCATION: TOWN: NO NUMBER: CLIENT PHONE: CLIENT FAX:

SAMPLE DATE	TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	D (Drinking Water) or W (Waste Water) Indicate	SOLID OR SEMISOLID	OTHER Specify	REQUIRED ANALYSES							TURNAROUND TIME	REMARKS
								40ml Vials HCl	Liter Amber HCl	250ml Plastic Nitric Acid	250ml Plastic Sulfuric Acid	Liter Plastic	250ml Plastic	Terra Core		
1/6/17	536	GFB Outside Spigot Room 17 Hose Bib	G													Lead (DW 200.8)
1/6/17	541	GFB Science Chemical Storage Sink 215	G													Lead (DW 200.8)
1/6/17	554	GGM 101 Sink	G													Lead (DW 200.8)
1/6/17	558	GGM Girls Bathroom by Multi-purpose Room Left	G													Lead (DW 200.8)
1/6/17	601	GGM Spigot Outside Gym Furnace Room	G													Lead (DW 200.8)
RECEIVED BY: (SIGNATURE) <i>[Signature]</i> COMPANY: oubooces DATE: 1/6/17 TIME: 9:50																
RECEIVED BY: (SIGNATURE) <i>[Signature]</i> COMPANY: oubooces DATE: 1/6/17 TIME: 6:01																
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i> DATE: 1/6/17 TIME: 9:50																

IR # 3

Cooler Temp(C): 18.3°C
 Laboratory Remarks: ICE T... No pH... CL2... Reviewed by...