EnviroTest Laboratories Inc.

ANALYTICAL REPORT

Job Number: 420-103397-2

SDG Number: Tuxedo - George F. Baker High School

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
04/29/2016

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

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: 420-103397-2
SDG Number: Tuxedo - George F. Baker High School

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: 420-103397-2
SDG Number: Tuxedo - George F. Baker High School

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

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-103397-2
SDG Number: Tuxedo - George F. Baker High School

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-103397-13	GFB Tank Room Entry Point	Drinking Water	04/22/2016 0608	04/22/2016 0832
420-103397-14	GFB Faculty Room Sink	Drinking Water	04/22/2016 0611	04/22/2016 0832
420-103397-15	GFB Kitchen Sink	Drinking Water	04/22/2016 0612	04/22/2016 0832
420-103397-16	GFB Water Cooler (Upper) Next to #7	Drinking Water	04/22/2016 0614	04/22/2016 0832
420-103397-17	GFB Boiler Rm. Sink	Drinking Water	04/22/2016 0615	04/22/2016 0832
420-103397-18	GFB Water Cooler (High) Outside Rm. 14	Drinking Water	04/22/2016 0617	04/22/2016 0832
420-103397-19	GFB Business Office Kitchen Sink	Drinking Water	04/22/2016 0620	04/22/2016 0832
420-103397-20	GFB Water Cooler Outside 104 (1st Fl.)	Drinking Water	04/22/2016 0622	04/22/2016 0832
420-103397-21	GFB Room 217 Back Left Sink	Drinking Water	04/22/2016 0625	04/22/2016 0832
420-103397-22	GFB Kitchen Sink Flush Sample	Drinking Water	04/22/2016 0632	04/22/2016 0832

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Job Number: 420-103397-2
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Client Sample ID: **GFB Tank Room Entry Point**
Lab Sample ID: **420-103397-13**

Date Sampled: 04/22/2016 0608
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed:	04/28/2016 1155	
Prep Method: 200				Date Prepared:	04/26/2016 1120	
Pb	1900	g	ug/L	10	10	10

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Job Number: 420-103397-2
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Client Sample ID: **GFB Faculty Room Sink**
Lab Sample ID: **420-103397-14**

Date Sampled: 04/22/2016 0611
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	04/25/2016 1838	
Prep Method: 200			Date Prepared:	04/25/2016 1359	
Pb	2.2	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
Sdg Number: Tuxedo - George F. Baker High School

Client Sample ID: **GFB Kitchen Sink**
Lab Sample ID: **420-103397-15**

Date Sampled: 04/22/2016 0612
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:		04/25/2016 1841	
Prep Method: 200			Date Prepared:		04/25/2016 1359	
Pb	1.0	U	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
Sdg Number: Tuxedo - George F. Baker High School

Client Sample ID: **GFB Water Cooler (Upper) Next to #7**
Lab Sample ID: **420-103397-16**

Date Sampled: 04/22/2016 0614
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:		04/25/2016 1845	
Prep Method: 200			Date Prepared:		04/25/2016 1359	
Pb	1.0	U	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
Sdg Number: Tuxedo - George F. Baker High School

Client Sample ID: **GFB Boiler Rm. Sink**
Lab Sample ID: **420-103397-17**

Date Sampled: 04/22/2016 0615
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		04/25/2016 1848	
Prep Method: 200		Date Prepared:		04/25/2016 1359	
Pb	1.3	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
Sdg Number: Tuxedo - George F. Baker High School

Client Sample ID: **GFB Water Cooler (High) Outside Rm. 14**
Lab Sample ID: **420-103397-18**

Date Sampled: 04/22/2016 0617
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:		04/25/2016 1852	
Prep Method: 200			Date Prepared:		04/25/2016 1359	
Pb	1.0	U	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
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Client Sample ID: **GFB Business Office Kitchen Sink**
Lab Sample ID: **420-103397-19**

Date Sampled: 04/22/2016 0620
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed:	04/25/2016 1855	
Prep Method: 200				Date Prepared:	04/25/2016 1359	
Pb	1.0	U	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
Sdg Number: Tuxedo - George F. Baker High School

Client Sample ID: **GFB Water Cooler Outside 104 (1st Fl.)**
Lab Sample ID: **420-103397-20**

Date Sampled: 04/22/2016 0622
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:		04/25/2016 1906	
Prep Method: 200			Date Prepared:		04/25/2016 1359	
Pb	1.0	U	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
Sdg Number: Tuxedo - George F. Baker High School

Client Sample ID: **GFB Room 217 Back Left Sink**
Lab Sample ID: **420-103397-21**

Date Sampled: 04/22/2016 0625
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	04/25/2016 1909	
Prep Method: 200			Date Prepared:	04/25/2016 1359	
Pb	1.9	ug/L	1.0	1.0	1.0

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Job Number: 420-103397-2
Sdg Number: Tuxedo - George F. Baker High School

Client Sample ID: **GFB Kitchen Sink Flush Sample**
Lab Sample ID: **420-103397-22**

Date Sampled: 04/22/2016 0632
Date Received: 04/22/2016 0832
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed:	04/25/2016 1913	
Prep Method: 200				Date Prepared:	04/25/2016 1359	
Pb	1.0	U	ug/L	1.0	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:
Sdg Number: Tuxedo - George F. Baker High School

Lab Section	Qualifier	Description
Metals		
	g	Result fails applicable NYS drinking water standards
	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

Definitions and Glossary

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Tuxedo - George F. Baker High School

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): 103397-2

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION
Tuxedo UFSD - George F. Baker High School		
ENVIROTEST PROJECT MANAGER	**P.O NUMBER**	**TOWN**
Debra Bayer		
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
Jack DeGraw	845-781-4887	
CLIENT NAME	Christy.Fischer@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: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: D (Drinking Water) or W (Waste Water) Indicate	MATRIX: SOLID OR SEMISOLID	MATRIX: OTHER Specify	REQUIRED ANALYSES: NUMBER OF CONTAINERS SUBMITTED — 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
13	4/22/16	0608	GFB Tank Room Entry Point	G		D			1			1							Lead (DW 200.8)
14	4/22/16	0611	GFB Faculty Room sink	G		D			1			1							Lead (DW 200.8)
15	4/22/16	0612	GFB Kitchen Sink	G		D			1			1							Lead (DW 200.8)
16	4/22/16	0614	GFB water cooler (upper) Next to #7	G		D			1			1							Lead (DW 200.8)
17	4/22/16	0615	GFB Boiler Rm Sink	G		D			1			1							Lead (DW 200.8)
18	4/22/16	0617	GFB water coolers (High) outside Rm 14	G		D			1			1							Lead (DW 200.8)
19	4/22/16	0620	GFB Business office Kitchen sink	G		D			1			1							Lead (DW 200.8)
20	4/22/16	0622	GFB water cooler outside 104 (1st Fl)	G		D			1			1							Lead (DW 200.8)
21	4/22/16	0625	GFB Room 217 back Left sink	G		D			1			1							Lead (DW 200.8)
22	4/22/16	0632	GFB Kitchen Sink Flush srpk	G		D			1			1							Lead (DW 200.8)
									1			1							Lead (DW 200.8)
									1			1							Lead (DW 200.8)
									1			1							Lead (DW 200.8)

	COMPANY	DATE	TIME		COMPANY	DATE	TIME
RELINQUISHED BY: (SIGNATURE) Maureen O'Doherty	orange-Ulster Boces	4/22/16	0832	RECEIVED BY: (SIGNATURE)			
SAMPLED BY: (SIGNATURE) Maureen O'Doherty	orange-Ulster BOCES	4/22/16	0720	RECEIVED BY: (SIGNATURE)			
RELINQUISHED BY: (SIGNATURE)				RECEIVED BY: (SIGNATURE)			

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	Cooler Temp(C):	LABORATORY REMARKS:
Marciano	4/22/16	832	YES / NO	20.8	ICE (Y___N___) pH____ CL2____ Reveiwed by_____

04/29/2016

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Orange-Ulster BOCES

Job Number: 420-103397-2
SDG Number: Tuxedo - George F. Baker High School

Login Number: **103397**

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	20.8 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 specific sample temperature. AE 4/22/16
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	