

ANALYTICAL REPORT

Job Number: 420-143396-1

SDG Number: Tuxedo UFSD - GGM Follow-Up Sampling

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

10/04/2018

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified in the Certification Information section of this report. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative.

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

Envirotest Laboratories, Inc.

315 Fullerton Avenue, Newburgh, NY 12550

Tel (845) 562-0890 Fax (845) 562-0841 www.envirotestlaboratories.com

METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-143396-1
SDG Number: Tuxedo UFSD - GGM Follow-Up Sampling

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: 420-143396-1

SDG Number: Tuxedo UFSD - GGM Follow-Up Sampling

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Palentino, Gus J	GJP

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-143396-1
SDG Number: Tuxedo UFSD - GGM Follow-Up Sampling

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-143396-1	GGM Kitchen - Left Sink	Drinking Water	09/27/2018 0634	09/28/2018 1310
420-143396-2	GGM Kitchen - Right Sink	Drinking Water	09/27/2018 0634	09/28/2018 1310

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-143396-1
Sdg Number: Tuxedo UFSD - GGM Follow-Up Sampling

Client Sample ID: GGM Kitchen - Left Sink
Lab Sample ID: 420-143396-1

Date Sampled: 09/27/2018 0634
Date Received: 09/28/2018 1310
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/02/2018 1900	
Prep Method: 200.7/200.8			Date Prepared:	10/02/2018 1553	
Pb	1.07	ug/L	1.00	1.00	1.0

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-143396-1
Sdg Number: Tuxedo UFSD - GGM Follow-Up Sampling

Client Sample ID: GGM Kitchen - Right Sink
Lab Sample ID: 420-143396-2

Date Sampled: 09/27/2018 0634
Date Received: 09/28/2018 1310
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/02/2018 1900	
Prep Method: 200.7/200.8			Date Prepared:	10/02/2018 1553	
Pb	1.79	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, 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), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), 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).

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), Propylene Glycol (8015D).

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.

CHAIN OF CUSTODY

REPORT# (Lab Use Only)

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

143396

PROJECT REFERENCE Tuxedo UFSD - GGM follow-up sampling		PROJECT NO.	PROJECT LOCATION	MATRIX TYPE	REQUIRED ANALYSES										PAGE 1 of	1
ENVIROTEST PROJECT MANAGER Debra Bayer		P.O. NUMBER	TOWN	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) D (Disturb) Method or Wet/Dry Volatile Fraction SOLID OR SEMISOLID OTHER: <i>Slurry</i>	Total # of Containers	40ml Vials HCl	Liter Amber HCl	250ml Plastic Nitric Acid	250ml Plastic Sulfuric Acid	Liter Plastic	250ml Plastic	Terra Conc	Other	Other	TURNAROUND TIME	
CLIENT (SITE) PM Jack DeGraw		CLIENT PHONE 845-781-4887	CLIENT FAX			NORMAL	QUICK		VERBAL		#OF COOLERS		REMARKS			
CLIENT NAME Orange-Ulster BOCES		christly.fischer@ouboces.org				NUMBER OF CONTAINERS SUBMITTED										
CLIENT ADDRESS 53 Gibson Road, Goshen, NY 10924		COMPANY CONTRACTING THIS WORK (if applicable)														
SAMPLE		SAMPLE IDENTIFICATION														
DATE	TIME															
1 9/27/2018	0634	GGM Kitchen - Left sink		G	D	1		1						Lead (DW 200.8)		
2 9/27/2018	0634	GGM Kitchen - Right sink		G	D	1		1						Lead (DW 200.8)		
RELINQUISHED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME								
<i>Nancy P. DeGraw</i>		ouBOCES	9/28/18	1310												
SAMPLED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME								
RELINQUISHED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME								
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE	TIME	CUSTODY INTACT	Cooler Temp (C)	LABORATORY REMARKS:		pH		Cl2	Revised by					
<i>Christy Fischer</i>		9/28/18	13:10	YES	14.4	IP #3		7.2								



Date Sampled: 9/27/2018 420-1252637

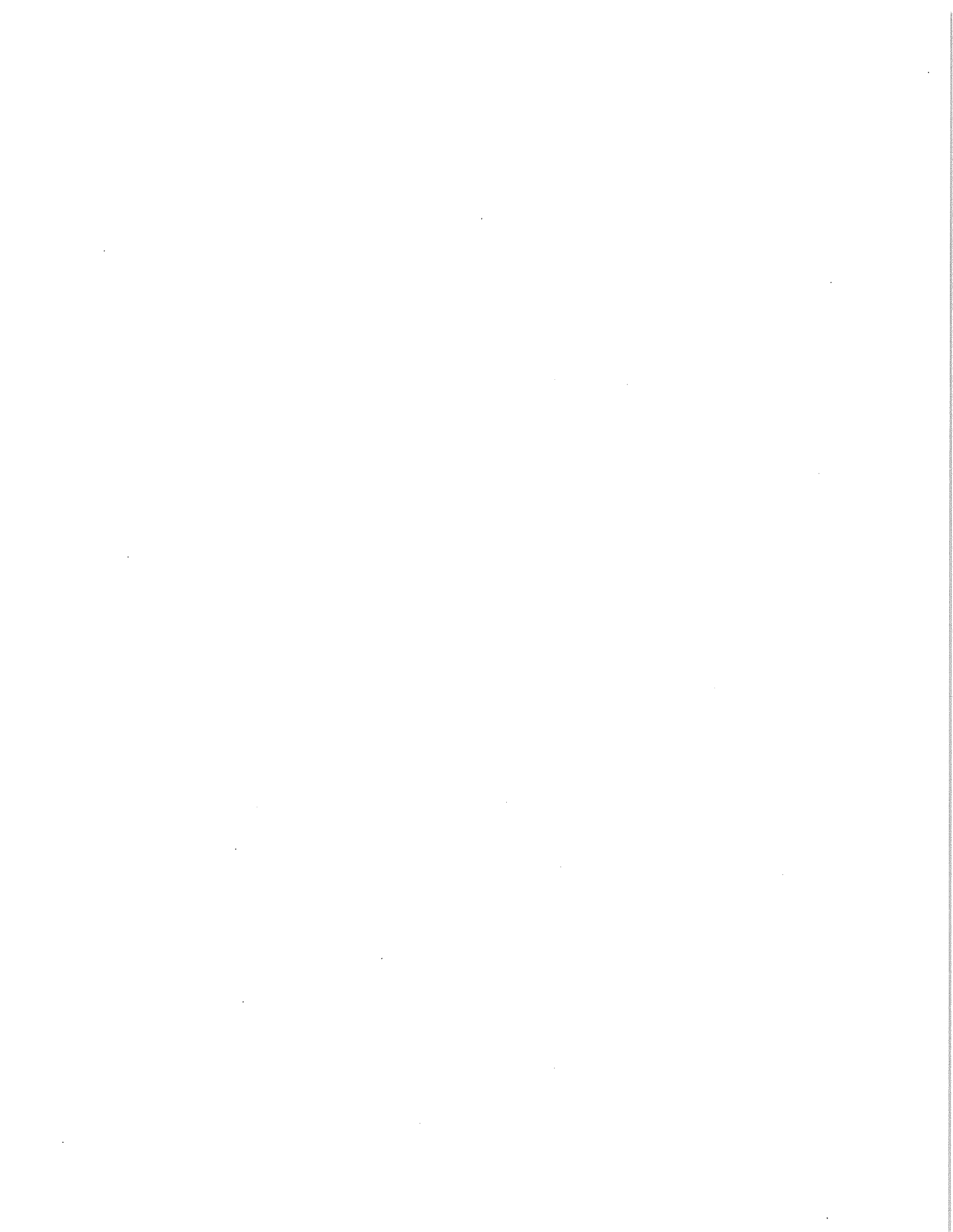
LOGIN SAMPLE RECEIPT CHECK LIST

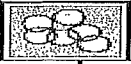
Client: Orange-Ulster BOCES

Job Number: 420-143396-1
SDG Number: Tuxedo UFSD - GGM Follow-Up Sampling

Login Number: 143396

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.	True	
Cooler Temperature is recorded.	True	14.4 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.	False	
Based on above criteria cooler temperature is acceptable.	True	Method does not require cooling. AE 9/28/18
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	





CHAIN OF CUSTODY

REPORT# (Lab Use Only)

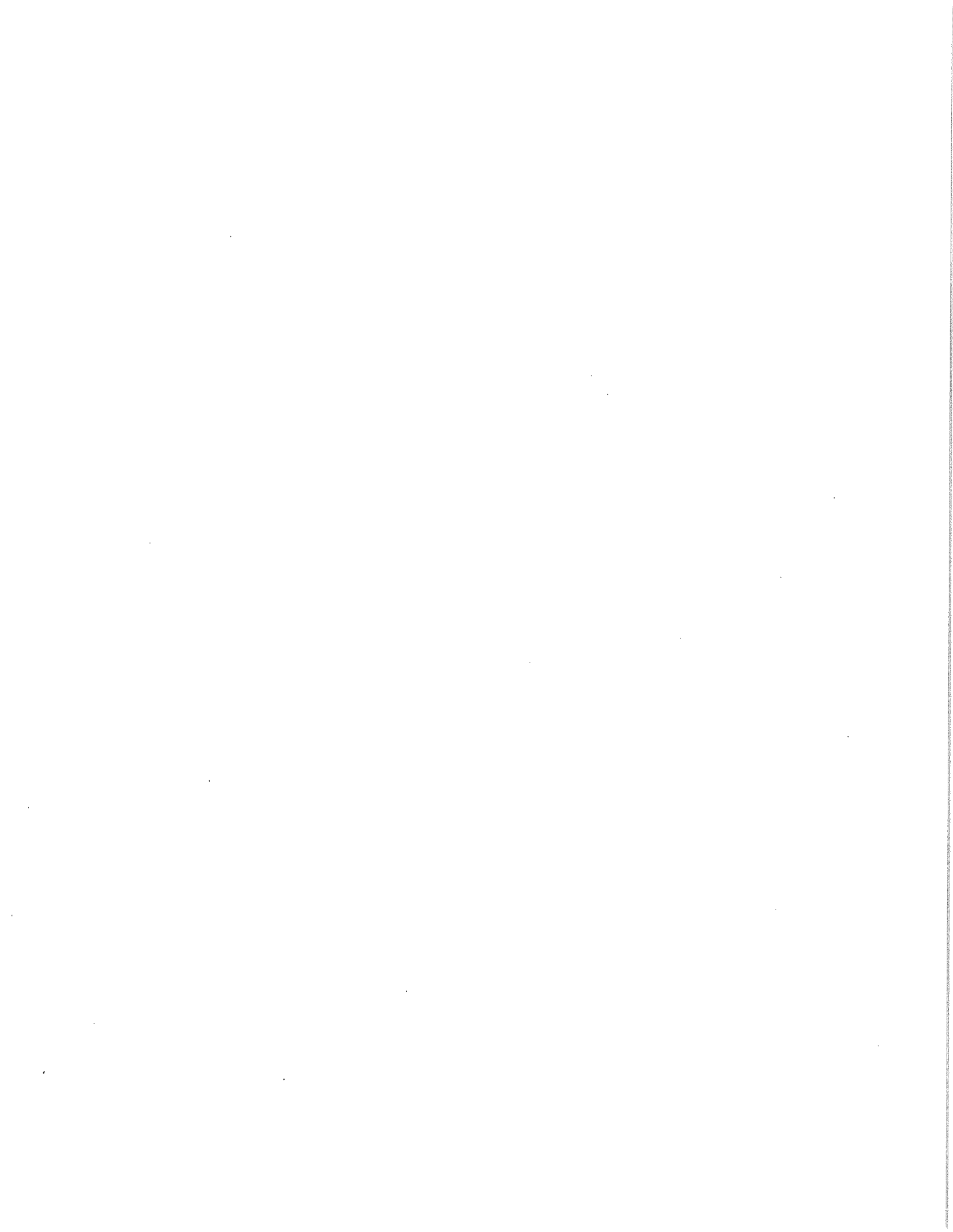
143396

Lab Name EnviroTest Laboratories
Address & Phone 316 Fullerton Avenue, Newburgh, New York 12550 845-562-0890

PROJECT REFERENCE Tuxedo UFSD - GGM follow-up sampling		PROJECT NO.	PROJECT LOCATION	MATRIX TYPE	REQUIRED ANALYSES								PAGE 1 of 1		
ENVIROTEST PROJECT MANAGER Debra Bayer		P.O. NUMBER	TOWN	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) D (Distillate Water) or W (Waste Water) Indistillate SOLID OR SEMISOLID OTHER: Spewy	Total # of Containers	40ml Vials HCl	Liter Amber HCl	250ml Plastic Nitric Acid	250ml Plastic Sulfuric Acid	Liter Plastic	250ml Plastic	Temp Core	Other	Other	
CLIENT (SITE) PM Jack DeGraw		CLIENT PHONE 845-781-4887	CLIENT FAX			TURNAROUND TIME									
CLIENT NAME Orange-Ulster BOCES		christy.fischer@oubooces.org				NORMAL									
CLIENT ADDRESS 53 Gibson Road, Goshen, NY 10924		COMPANY CONTRACTING THIS WORK (Leadsheet)				QUICK									
SAMPLE		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED								# OF COOLERS	REMARKS		
DATE	TIME														
1 9/27/2018	0634	GGM Kitchen - Left sink		G	D	1		1					Lead (DW 200.8)		
2 9/27/2018	0634	GGM Kitchen - Right sink		G	D	1		1					Lead (DW 200.8)		
RELINQUISHED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME							
<i>Travis P. Schey</i>		ouBOCES	9/28/18	1310											
SAMPLED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME							
RELINQUISHED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME							

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES NO	Cooler Temp (C)	LABORATORY REMARKS:	ISE (Y N) pH	CL2	Revised by
<i>[Signature]</i>	9/28/18	13:10	NO	14.4	IR #3	(Y) N		

420-143396-A-1
GGM Kitchen - Left Sink
Date Sampled: 9/27/2018 420-1252637



SAMPLE DELIVERY GROUP	CLIENT SAMPLE ID	RESULT	DATE SAMPLED
Tuxedo UFSD - GGM Follow-Up Sampling	GGM Kitchen - Left Sink	1.07	09/27/2018
Tuxedo UFSD - GGM Follow-Up Sampling	GGM Kitchen - Right Sink	1.79	09/27/2018

TIME COLLECTED

06:34

06:34

ANALYTICAL REPORT

Job Number: 420-143397-1

SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spling

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
10/04/2018

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified in the Certification Information section of this report Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative.

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

METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-143397-1
SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

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: 420-143397-1

SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Palentino, Gus J	GJP

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-143397-1
SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
420-143397-1	GGM: Girls' Bathroom By Multipurpose Room Left Sink	Drinking Water	09/28/2018 0635	09/28/2018 1310
420-143397-2	GFB: Ground Floor Faculty Room Kitchen Sink	Drinking Water	09/28/2018 0631	09/28/2018 1310

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-143397-1
Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

Client Sample ID: GGM: Girls' Bathroom By Multipurpose Room
Lab Sample ID: 420-143397-1

Date Sampled: 09/28/2018 0635
Date Received: 09/28/2018 1310
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 10/02/2018 1901		
Prep Method: 200.7/200.8			Date Prepared: 10/02/2018 1553		
Pb	1.00 U	ug/L	1.00	1.00	1.0

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-143397-1
Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

Client Sample ID: GFB: Ground Floor Faculty Room Kitchen Sink
Lab Sample ID: 420-143397-2

Date Sampled: 09/28/2018 0631
Date Received: 09/28/2018 1310
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/02/2018 1903	
Prep Method: 200.7/200.8			Date Prepared:	10/02/2018 1553	
Pb	2.54	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:
Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spiling

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

Job Number:

Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spling

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), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), 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).

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), Propylene Glycol (8015D).

Definitions and Glossary

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spiling

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.

CHAIN OF CUSTODY

REPORT# (Lab Use Only)

143397

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

PROJECT REFERENCE Tuxedo UFSD - GGM amd GFB follow-up sampling		PROJECT NO.	PROJECT LOCATION		MATRIX TYPE	REQUIRED ANALYSES										PAGE 1 of 1	
ENVIROTEST PROJECT MANAGER Debra Bayer		P.O. NUMBER	TOWN		COMPOSITE (G) OR GRAB (G) INDICATE AQUEOUS (WATER) D (Drinking Water) or W (Waste Water) Indicate SOLID OR RESIDUAL OTHER Specify	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	TURNDOWN TIME	
CLIENT (SITE) PM Jack DeGraw		CLIENT PHONE 845-781-4887	CLIENT FAX			NORMAL											
CLIENT NAME Orange-Ulster BOCES		christly.fischer@ouboces.org		QUICK													
CLIENT ADDRESS 53 Gibson Road, Goshen, NY 10924		COMPANY CONTRACTING THIS WORK EnviroTest		VERBAL													
SAMPLE		SAMPLE IDENTIFICATION			NUMBER OF CONTAINERS SUBMITTED										#OF COOLERS	REMARKS	
DATE	TIME																
9/28/2018	0635	GGM:Girls Bathroom by Multipurpose Room Left Sink Resample			G	D			1								Lead (DW 200.8)
9/28/2018	0631	GFB:Ground Floor Faculty Room Kitchen Sink			G	D			1								Lead (DW 200.8)
RELINQUISHED BY: (SIGNATURE) <i>Thomas P. DeGraw</i>		COMPANY BOCES	DATE 9/28/18	TIME 1310	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	
SAMPLED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	
RELINQUISHED BY: (SIGNATURE)		COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	RECEIVED BY: (SIGNATURE)		COMP DATE	TIME	
RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>Christly Fischer</i>		DATE 9/28/18	TIME 13:10	CUSTODY INTACT YES NO	Cooler Temp(C): 22.4	LABORATORY REMARKS: ICE (Y/N) pH 7 CL2 _____ Resolved by _____ VC# 3											



LOGIN SAMPLE RECEIPT CHECK LIST

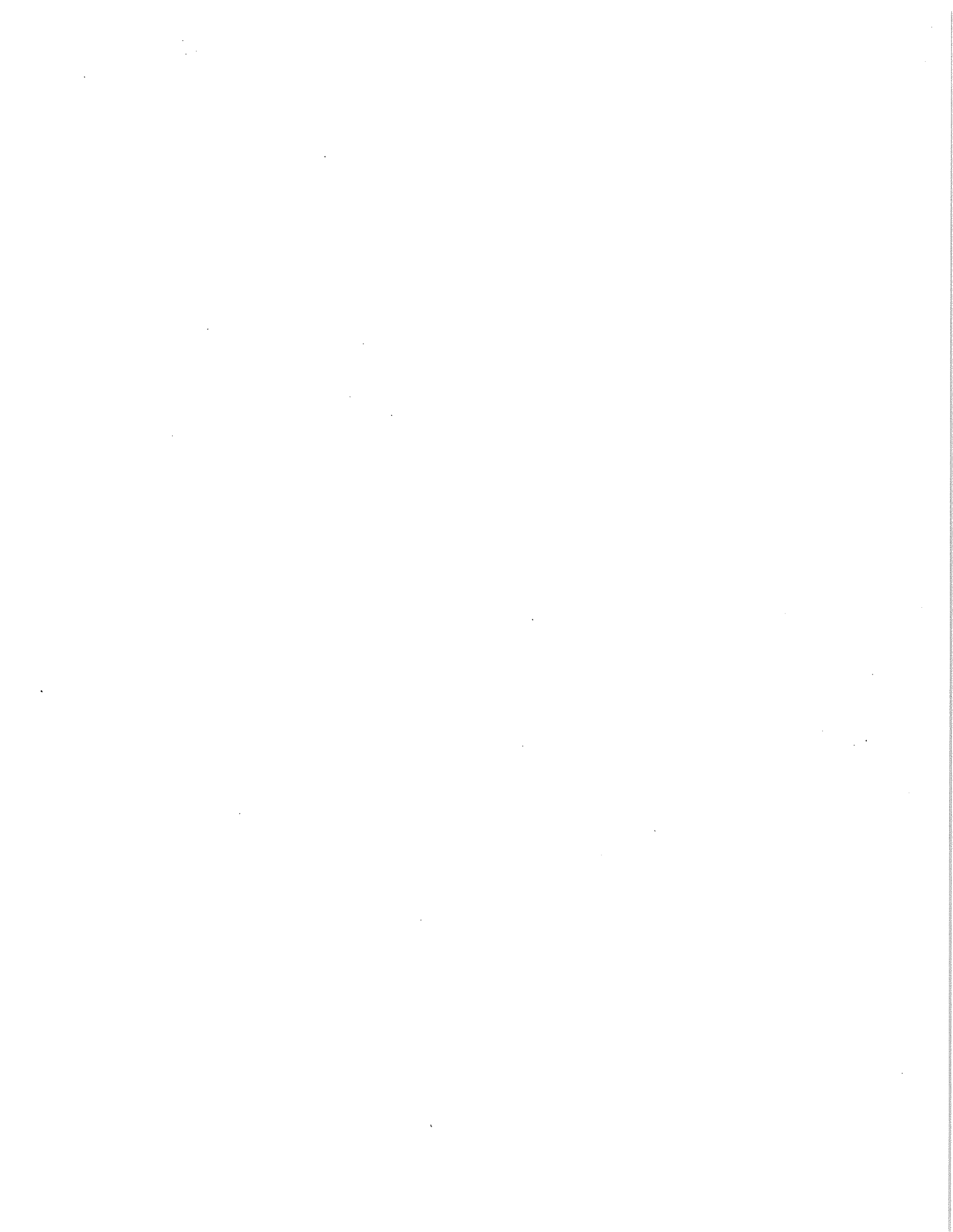
Client: Orange-Ulster BOCES

Job Number: 420-143397-1

SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spling

Login Number: 143397

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.	False	
Based on above criteria cooler temperature is acceptable.	True	Method does not require cooling. AE 9/28/18
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	



ANALYTICAL REPORT

Job Number: 420-143397-1

SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spling

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

10/04/2018

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

Envirotest Laboratories, Inc.

315 Fullerton Avenue, Newburgh, NY 12550

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METHOD SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-143397-1
SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

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: 420-143397-1

SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spiling

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Palentino, Gus J	GJP

SAMPLE SUMMARY

Client: Orange-Ulster BOCES

Job Number: 420-143397-1
SDG Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-143397-1	GGM: Girls' Bathroom By Multipurpose Room Left Sink	Drinking Water	09/28/2018 0635	09/28/2018 1310
420-143397-2	GFB: Ground Floor Faculty Room Kitchen Sink	Drinking Water	09/28/2018 0631	09/28/2018 1310

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-143397-1
Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spiling

Client Sample ID: GGM: Girls' Bathroom By Multipurpose Room
Lab Sample ID: 420-143397-1

Date Sampled: 09/28/2018 0635
Date Received: 09/28/2018 1310
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/02/2018 1901	
Prep Method: 200.7/200.8			Date Prepared:	10/02/2018 1553	
Pb	1.00 U	ug/L	1.00	1.00	1.0

Jack DeGraw
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

Job Number: 420-143397-1
Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spring

Client Sample ID: GFB: Ground Floor Faculty Room Kitchen Sink
Lab Sample ID: 420-143397-2

Date Sampled: 09/28/2018 0631
Date Received: 09/28/2018 1310
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/02/2018 1903	
Prep Method: 200.7/200.8			Date Prepared:	10/02/2018 1553	
Pb	2.54	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Orange-Ulster BOCES

Job Number:
Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spiling

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
Metals	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

Certification Information

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Sping

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), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), 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).

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), Propylene Glycol (8015D).

Definitions and Glossary

Client: Orange-Ulster BOCES

Job Number:

Sdg Number: Tuxedo UFSD - GGM & GFB Follow-Up Spiling

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.