



#083-1617

HEALTH, SAFETY & RISK MANAGEMENT  
 Michael O'Rourke  
 Program Administrator

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## Environmental Hygiene Report

Attn: Dr. Charles Khoury  
 District Superintendent  
 Ulster Board of Cooperative Educational Services  
 175 Route 32N, New Paltz, NY 12561  
 Prepared by: Michael O'Rourke, RPIH – No. 0500399

<b>Location(s)</b>	Center for Alternative Education
<b>Project No.</b>	083-1617
<b>Site Visit(s)</b>	September 15 & 30, 2016
<b>Report Date</b>	November 8, 2016
<b>Investigator(s)</b>	Michael O'Rourke Brian Colandrea

**Ulster County BOCES Health, Safety & Risk Management does not assert that all potential health or safety hazards at this site were evaluated during this survey. This survey is strictly limited to that which is identified in the Project Scope of the report.**

**BRINGING ULSTER COUNTY SCHOOLS TOGETHER TO ENHANCE TEACHING & LEARNING**

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 Onteora Central Schools • Rondout Valley Central Schools • Saugerties Central Schools • Walkkill Central Schools

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**Author's Note:** Parenthetical numerals at the end of a sentence reference the work with the corresponding notation in the **References** section. *Please read this report in its entirety, including any attached appendices, to fully understand this investigation.*

## **Executive Summary**

Per the requirements of Subpart 67-4: Lead Testing in School Drinking Water, we sampled water outlets at the Ulster BOCES Center for Alternative Education,, including the child care, on September 15 & 30, 2016. The regulation defines a water outlet as one that is currently or may potentially be used for cooking or drinking. We identified a total of 51 such water outlets in the building. There were five other locations sampled in this facility using the DOH's protocol prior to the enactment of the law. Of these 56 locations, zero exceeded the 15 parts per billion (ppb) action level. Per 67-4.4, there are no further actions required at this time. A copy of this report will be forwarded to the Ulster County Health Department.

## **Project Scope**

Identify appropriate potable water sampling locations and collect samples from plumbing fixtures at the Ulster BOCES Center for Alternative Education, for analysis for lead content. Review the data and information and prepare a written report for the Ulster BOCES administration.

## **Materials & Methods**

All samples were collected from the type of plumbing fixtures where potable water is commonly drawn using the NYSDOH protocol. First-draw samples for lead were collected after the water had sat in the pipes for at least eight hours. All samples were collected in 250 ml containers provided by EnviroTest Laboratories in Newburgh, NY. The samples were returned

to the laboratory two days after sampling for analysis per the lab's directives. EnviroTest is NYS ELAP-approved (#10142) for potable and non-potable water analysis.

## **Results Summary**

All sample results and other data were reported to the administration of the local educational agency (LEA) via phone, fax, or e-mail as they became available to our department. **See Appendix for full laboratory reports.**

### **Water Samples that Exceeded Action Level**

#### **Center for Alternative Education**

<b>Sample</b>	<b>Location</b>	<b>Result (ppb)</b>
---	No Samples Above the Action Level	---

## **Discussion**

In order to be used as healthful fluid for human consumption, water must be free from organisms that are capable of causing disease and from minerals and organic substances that could produce adverse physiological effects. (1) The Safe Drinking Water Act sets maximum contaminant levels (MCLs) for numerous contaminants. These include various inorganic, volatile organic, and synthetic organic compounds. Public water systems are required to do initial and periodic testing of their source water.

## **Comments & Recommendations**

Per the requirements of Subpart 67-4: Lead Testing in School Drinking Water, we sampled water outlets at the Ulster BOCES Center for Alternative Education,, including the child care, on September 15 & 30, 2016. The child care is no longer run by Ulster BOCES but the agency still owns and maintains that portion of the building. The regulation defines a water outlet as one that is currently or may potentially be used for cooking or drinking. We identified a total of 51 such water outlets in the building. There were five other locations sampled in this facility using the DOH's protocol prior to the enactment of the law. Of these 56 locations, zero exceeded the 15 parts per billion (ppb) action level.

Per 67-4.4, there are no further actions required at this time. A copy of this report will be forwarded to the Ulster County Health Department. The Ulster BOCES Career & Tech Center was sampled on October 16<sup>th</sup> and a report will be issued when we receive the results.

## **References**

1. **American Water Works Association:** *Water Quality and Treatment*. New York, NY: McGraw-Hill, 1990
2. **Bailey, R.A. et. al.:** *Chemistry of the Environment*. New York, NY: Academic Press, 1978.
3. **USEPA:** *3Ts for Reducing Lead in Drinking Water in Schools*. Washington, DC: USEPA, 2006.

# **APPENDIX**

Laboratory Report(s)

## **ANALYTICAL REPORT**

Job Number: 420-110753-1  
SDG Number: Port Ewen Childcare  
Job Description: Ulster BOCES

For:  
Ulster BOCES  
175 Roue 32 North  
New Paltz, NY 12561

Attention: Michael O'Rourke



---

Meredith W Ruthven  
Customer Service Manager  
mruthven@envirotestlaboratories.com  
10/31/2016

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: Ulster BOCES

Job Number: 420-110753-1  
SDG Number: Port Ewen Childcare

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
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: Ulster BOCES

Job Number: 420-110753-1  
SDG Number: Port Ewen Childcare

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
EPA 200.8 Rev.5.4	Sirico, Derek	DS

## SAMPLE SUMMARY

Client: Ulster BOCES

Job Number: 420-110753-1  
SDG Number: Port Ewen Childcare

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-110753-1	B1, Room 109 Sink	Drinking Water	09/15/2016 0700	09/23/2016 1215
420-110753-2	B2, Room 110 Big Sink	Drinking Water	09/15/2016 0701	09/23/2016 1215
420-110753-3	B3, Room 110 Small Sink	Drinking Water	09/15/2016 0702	09/23/2016 1215
420-110753-4	B4, Room 111 Sink	Drinking Water	09/15/2016 0704	09/23/2016 1215
420-110753-5	B5, Room 112 Sink	Drinking Water	09/15/2016 0706	09/23/2016 1215
420-110753-6	B6, Room 112 Bathroom Sink	Drinking Water	09/15/2016 0708	09/23/2016 1215
420-110753-7	B7, CAE Health Office Sink	Drinking Water	09/15/2016 0730	09/23/2016 1215
420-110753-8	B8, CAE Health Office Toilet Room Sink	Drinking Water	09/15/2016 0730	09/23/2016 1215
420-110753-9	B9, 1st Office After Smoke Doors, Sink	Drinking Water	09/15/2016 0732	09/23/2016 1215
420-110753-10	B10, 2nd Office After Smoke Doors, Sink	Drinking Water	09/15/2016 0734	09/23/2016 1215
420-110753-11	B11, 1st Toilet Room After Smoke Doors, Sink	Drinking Water	09/15/2016 0736	09/23/2016 1215
420-110753-12	B12, 2nd Toilet Room After Smoke Doors, Sink	Drinking Water	09/15/2016 0738	09/23/2016 1215
420-110753-13	B13, Conference Room Sink	Drinking Water	09/15/2016 0740	09/23/2016 1215
420-110753-14	B14. Childcare Storage Room Sink	Drinking Water	09/15/2016 0742	09/23/2016 1215

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B1, Room 109 Sink  
**Lab Sample ID:** 420-110753-1

Date Sampled: 09/15/2016 0700  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1344	
Prep Method: 200			Date Prepared:	10/16/2016 0900	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B2, Room 110 Big Sink  
**Lab Sample ID:** 420-110753-2

Date Sampled: 09/15/2016 0701  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1346	
Prep Method: 200			Date Prepared:	10/16/2016 0900	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B3, Room 110 Small Sink  
**Lab Sample ID:** 420-110753-3

Date Sampled: 09/15/2016 0702  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1347	
Prep Method: 200			Date Prepared:	10/16/2016 0900	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B4, Room 111 Sink  
**Lab Sample ID:** 420-110753-4

Date Sampled: 09/15/2016 0704  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1348	
Prep Method: 200			Date Prepared:	10/16/2016 0900	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B5, Room 112 Sink  
**Lab Sample ID:** 420-110753-5

Date Sampled: 09/15/2016 0706  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1348	
Prep Method: 200			Date Prepared:	10/16/2016 0900	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B6, Room 112 Bathroom Sink  
**Lab Sample ID:** 420-110753-6

Date Sampled: 09/15/2016 0708  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1349	
Prep Method: 200			Date Prepared:	10/16/2016 0900	
Pb	2.0	ug/L	1.0	1.0	1.0



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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B7, CAE Health Office Sink  
**Lab Sample ID:** 420-110753-7

Date Sampled: 09/15/2016 0730  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1350	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B8, CAE Health Office Toilet Room Sink  
**Lab Sample ID:** 420-110753-8

Date Sampled: 09/15/2016 0730  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1353	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B9, 1st Office After Smoke Doors, Sink  
**Lab Sample ID:** 420-110753-9

Date Sampled: 09/15/2016 0732  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1355	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B10, 2nd Office After Smoke Doors, Sink  
**Lab Sample ID:** 420-110753-10

Date Sampled: 09/15/2016 0734  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1356	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	1.4	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B11,1st Toilet Room After Smoke Doors, Sink  
**Lab Sample ID:** 420-110753-11

Date Sampled: 09/15/2016 0736  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1357	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B12, 2nd Toilet Room After Smoke Doors, Sink  
**Lab Sample ID:** 420-110753-12

Date Sampled: 09/15/2016 0738  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1358	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B13, Conference Room Sink  
**Lab Sample ID:** 420-110753-13

Date Sampled: 09/15/2016 0740  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1358	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	8.6	ug/L	1.0	1.0	1.0

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New Paltz, NY 12561

Job Number: 420-110753-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** B14. Childcare Storage Room Sink  
**Lab Sample ID:** 420-110753-14

Date Sampled: 09/15/2016 0742  
Date Received: 09/23/2016 1215  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/19/2016 1359	
Prep Method: 200			Date Prepared:	10/16/2016 0930	
Pb	1.4	ug/L	1.0	1.0	1.0



## DATA REPORTING QUALIFIERS

Client: Ulster BOCES

Job Number:  
Sdg Number: Port Ewen Childcare

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

## Certification Information

Client: Ulster BOCES

Job Number:

Sdg Number: Port Ewen Childcare

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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, 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

Client: Ulster BOCES

Job Number:

Sdg Number: Port Ewen Childcare

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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.

# EnviroTest Laboratories, Inc.

## CHAIN OF CUSTODY

REPORT# (Lab Use Only)

110753

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

PROJECT REFERENCE: Port Ewen Childcare  
 ENVIROTEST PROJECT MANAGER: Debra Bayer  
 CLIENT (SITE) PM: results to: morourke@ulsterbocees.org  
 CLIENT NAME: Ulster BOCES  
 CLIENT ADDRESS: 175 Route 32 North, New Paltz, New York 12561  
 COMPANY CONTRACTING THIS WORK (if applicable):

SAMPLE DATE	TIME	SAMPLE IDENTIFICATION	PROJECT LOCATION		MATRIX TYPE	REQUIRED ANALYSES							# OF COOLERS	REMARKS
			CAE	TOWN		Total # of Containers	40ml Vials HCl	Liter Amber HCl	250ml Plastic Nitric Acid	250ml Plastic Sulfuric Acid	Liter Plastic	250ml Plastic		
9/15/2016	7:00	B1, Room 109 sink				1								Lead (DW 200.8)
9/15/2016	7:01	B2, Room 110 big sink				1								Lead (DW 200.8)
9/15/2016	7:02	B3, Room 110 small sink				1								Lead (DW 200.8)
9/15/2016	7:04	B4, Room 111 sink				1								Lead (DW 200.8)
9/15/2016	7:06	B5, Room 112 sink				1								Lead (DW 200.8)
9/15/2016	7:08	B6, Room 112 bathroom sink				1								Lead (DW 200.8)
9/15/2016	7:30	B7, CAE Health office sink				1								Lead (DW 200.8)
9/15/2016	7:30	B8, CAE Health office toilet room sink				1								Lead (DW 200.8)
9/15/2016	7:32	B9, 1st office after smoke doors, sink				1								Lead (DW 200.8)
9/15/2016	7:34	B10, 2nd office after smoke doors, sink				1								Lead (DW 200.8)
9/15/2016	7:36	B11, 1st toilet room after smoke doors, sink				1								Lead (DW 200.8)
9/15/2016	7:38	B12, 2nd toilet room after smoke doors, sink				1								Lead (DW 200.8)
9/15/2016	7:40 AM	B13, Conference room sink				1								Lead (DW 200.8)

RELINQUISHED BY: (SIGNATURE) *Debra Bayer* COMPANY: *Ulster BOCES* DATE: *9/23/16* TIME: *12:15 pm*

SAMPLED BY: (SIGNATURE) *Debra Bayer* COMPANY: *Ulster BOCES* DATE: *9/23/16* TIME: *12:15 pm*

RELINQUISHED BY: (SIGNATURE) \_\_\_\_\_ COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RECEIVED FOR LABORATORY BY: (SIGNATURE) *[Signature]* DATE: *9/23/16* TIME: *10:15*

RECEIVED BY: (SIGNATURE) \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RECEIVED BY: (SIGNATURE) \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

LABORATORY REMARKS: ICE (Y/N) pH \_\_\_\_\_ CL2 \_\_\_\_\_ Reviewed by: \_\_\_\_\_



## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster BOCES

Job Number: 420-110753-1  
SDG Number: Port Ewen Childcare

**Login Number: 110753**

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	23.5C
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	

## **ANALYTICAL REPORT**

Job Number: 420-111108-1  
SDG Number: Port Ewen Childcare  
Job Description: Ulster BOCES

For:  
Ulster BOCES  
175 Roue 32 North  
New Paltz, NY 12561

Attention: Michael O'Rourke

*Meredith Ruthven*

---

Meredith W Ruthven  
Customer Service Manager  
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11/07/2016

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: Ulster BOCES

Job Number: 420-111108-1  
SDG Number: Port Ewen Childcare

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
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: Ulster BOCES

Job Number: 420-111108-1  
SDG Number: Port Ewen Childcare

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
EPA 200.8 Rev.5.4	Sirico, Derek	DS

## SAMPLE SUMMARY

Client: Ulster BOCES

Job Number: 420-111108-1  
SDG Number: Port Ewen Childcare

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-111108-1	1, Kitchen 3 bay sink left sink faucet	Drinking Water	09/30/2016 0633	09/30/2016 1128
420-111108-2	2, Kitchen 3 bay sink right faucet	Drinking Water	09/30/2016 0633	09/30/2016 1128
420-111108-3	3, Kitchen south wall sink faucet	Drinking Water	09/30/2016 0634	09/30/2016 1128
420-111108-4	4, Kitchen handwashing sink	Drinking Water	09/30/2016 0635	09/30/2016 1128
420-111108-5	5, Women's TR by Room 101, left sink faucet	Drinking Water	09/30/2016 0637	09/30/2016 1128
420-111108-6	6, Women's TR by Room 101, right sink faucet	Drinking Water	09/30/2016 0637	09/30/2016 1128
420-111108-7	7, Men's TR by Room 101, sink faucet	Drinking Water	09/30/2016 0638	09/30/2016 1128
420-111108-8	8, Unisex TR 1st floor left sink faucet	Drinking Water	09/30/2016 0639	09/30/2016 1128
420-111108-9	9, Unisex TR 1st floor right sink faucet	Drinking Water	09/30/2016 0639	09/30/2016 1128
420-111108-10	10, Room 108 sink faucet	Drinking Water	09/30/2016 0641	09/30/2016 1128
420-111108-11	11, 1st floor Men's TR by elevator left sink faucet	Drinking Water	09/30/2016 0643	09/30/2016 1128
420-111108-12	12, 1st floor Men's TR by elevator right sink faucet	Drinking Water	09/30/2016 0643	09/30/2016 1128
420-111108-13	13, water fountain by Nurse's office	Drinking Water	09/30/2016 0644	09/30/2016 1128
420-111108-14	14, 2nd floor faculty room sink faucet	Drinking Water	09/30/2016 0651	09/30/2016 1128
420-111108-15	15, 2nd floor faculty room women's TR sink faucet	Drinking Water	09/30/2016 0651	09/30/2016 1128
420-111108-16	16, 2nd floor faculty room men's TR sink faucet	Drinking Water	09/30/2016 0651	09/30/2016 1128
420-111108-17	17, 2nd floor water fountain by elevator	Drinking Water	09/30/2016 0652	09/30/2016 1128
420-111108-18	18, 2nd floor boys' TR left sink faucet	Drinking Water	09/30/2016 0653	09/30/2016 1128
420-111108-19	19, 2nd floor boys' TR right sink faucet	Drinking Water	09/30/2016 0653	09/30/2016 1128
420-111108-20	20, Room 210 sink faucet	Drinking Water	09/30/2016 0655	09/30/2016 1128
420-111108-21	21, Women's TR by Room 206 left sink faucet	Drinking Water	09/30/2016 0657	09/30/2016 1128
420-111108-22	22, Women's TR by Room 206 right sink faucet	Drinking Water	09/30/2016 0657	09/30/2016 1128
420-111108-23	23, Library sink faucet	Drinking Water	09/30/2016 0700	09/30/2016 1128
420-111108-24	24, Room 205 sink faucet	Drinking Water	09/30/2016 0702	09/30/2016 1128
420-111108-25	25, Room 204 single bay sink faucet	Drinking Water	09/30/2016 0703	09/30/2016 1128
420-111108-26	26, Room 204 double bay left sink faucet	Drinking Water	09/30/2016 0703	09/30/2016 1128
420-111108-27	27, Room 204 double bay right sink faucet	Drinking Water	09/30/2016 0703	09/30/2016 1128
420-111108-28	28, Room 202 center sink faucet	Drinking Water	09/30/2016 0707	09/30/2016 1128

## SAMPLE SUMMARY

Client: Ulster BOCES

Job Number: 420-111108-1  
SDG Number: Port Ewen Childcare

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
420-111108-29	29, Room 202 north wall right sink faucet	Drinking Water	09/30/2016 0707	09/30/2016 1128
420-111108-30	30, Room 202 north wall left sink faucet	Drinking Water	09/30/2016 0708	09/30/2016 1128
420-111108-31	31, Room 202 east wall sink faucet	Drinking Water	09/30/2016 0708	09/30/2016 1128
420-111108-32	32, Room 202 prep room sink faucet	Drinking Water	09/30/2016 0709	09/30/2016 1128
420-111108-33	33, Room 203 sink faucet	Drinking Water	09/30/2016 0710	09/30/2016 1128
420-111108-34	34, Left TR across from Rm 206 sink faucet	Drinking Water	09/30/2016 0710	09/30/2016 1128
420-111108-35	35, Right across from Rm 206 left sink faucet	Drinking Water	09/30/2016 0711	09/30/2016 1128
420-111108-36	36, Right TR across from Rm 206 right sink faucet	Drinking Water	09/30/2016 0711	09/30/2016 1128
420-111108-37	37, Water fountain across from Room 201	Drinking Water	09/30/2016 0712	09/30/2016 1128

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 1, Kitchen 3 bay sink left sink faucet  
**Lab Sample ID:** 420-111108-1

Date Sampled: 09/30/2016 0633  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1304	
Prep Method: 200			Date Prepared:	10/28/2016 0930	
Pb	1.1	ug/L	1.0	1.0	1.0

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Sdg Number: Port Ewen Childcare

**Client Sample ID:** 2, Kitchen 3 bay sink right faucet  
**Lab Sample ID:** 420-111108-2

Date Sampled: 09/30/2016 0633  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1305	
Prep Method: 200			Date Prepared:	10/28/2016 0930	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 3, Kitchen south wall sink faucet  
**Lab Sample ID:** 420-111108-3

Date Sampled: 09/30/2016 0634  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1306	
Prep Method: 200			Date Prepared:	10/28/2016 0930	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 4, Kitchen handwashing sink  
**Lab Sample ID:** 420-111108-4

Date Sampled: 09/30/2016 0635  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1307	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 5, Women's TR by Room 101, left sink faucet  
**Lab Sample ID:** 420-111108-5

Date Sampled: 09/30/2016 0637  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1312	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0



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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 6, Women's TR by Room 101, right sink faucet  
**Lab Sample ID:** 420-111108-6

Date Sampled: 09/30/2016 0637  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1312	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 7, Men's TR by Room 101, sink faucet  
**Lab Sample ID:** 420-111108-7

Date Sampled: 09/30/2016 0638  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1313	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 8, Unisex TR 1st floor left sink faucet  
**Lab Sample ID:** 420-111108-8

Date Sampled: 09/30/2016 0639  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1314	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 9, Unisex TR 1st floor right sink faucet  
**Lab Sample ID:** 420-111108-9

Date Sampled: 09/30/2016 0639  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1315	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 10, Room 108 sink faucet  
**Lab Sample ID:** 420-111108-10

Date Sampled: 09/30/2016 0641  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1315	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 11, 1st floor Men's TR by elevator left sink  
**Lab Sample ID:** 420-111108-11

Date Sampled: 09/30/2016 0643  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1316	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 12, 1st floor Men's TR by elevator right sink  
**Lab Sample ID:** 420-111108-12

Date Sampled: 09/30/2016 0643  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1317	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 13, water fountain by Nurse's office  
**Lab Sample ID:** 420-111108-13

Date Sampled: 09/30/2016 0644  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1319	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0



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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 14, 2nd floor faculty room sink faucet  
**Lab Sample ID:** 420-111108-14

Date Sampled: 09/30/2016 0651  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1320	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 15, 2nd floor faculty room women's TR sink  
**Lab Sample ID:** 420-111108-15

Date Sampled: 09/30/2016 0651  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1321	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 16, 2nd floor faculty room men's TR sink faucet  
**Lab Sample ID:** 420-111108-16

Date Sampled: 09/30/2016 0651  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1322	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 17, 2nd floor water fountain by elevator  
**Lab Sample ID:** 420-111108-17

Date Sampled: 09/30/2016 0652  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1323	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 18, 2nd floor boys' TR left sink faucet  
**Lab Sample ID:** 420-111108-18

Date Sampled: 09/30/2016 0653  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1323	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 19, 2nd floor boys' TR right sink faucet  
**Lab Sample ID:** 420-111108-19

Date Sampled: 09/30/2016 0653  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1324	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 20, Room 210 sink faucet  
**Lab Sample ID:** 420-111108-20

Date Sampled: 09/30/2016 0655  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1325	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.9	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 21, Women's TR by Room 206 left sink faucet  
**Lab Sample ID:** 420-111108-21

Date Sampled: 09/30/2016 0657  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1326	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0



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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 22, Women's TR by Room 206 right sink faucet  
**Lab Sample ID:** 420-111108-22

Date Sampled: 09/30/2016 0657  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1327	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 23, Library sink faucet  
**Lab Sample ID:** 420-111108-23

Date Sampled: 09/30/2016 0700  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1329	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	3.5	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 24, Room 205 sink faucet  
**Lab Sample ID:** 420-111108-24

Date Sampled: 09/30/2016 0702  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1330	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 25, Room 204 single bay sink faucet  
**Lab Sample ID:** 420-111108-25

Date Sampled: 09/30/2016 0703  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1333	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	14	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 26, Room 204 double bay left sink faucet  
**Lab Sample ID:** 420-111108-26

Date Sampled: 09/30/2016 0703  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1334	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.3	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 27, Room 204 double bay right sink faucet  
**Lab Sample ID:** 420-111108-27

Date Sampled: 09/30/2016 0703  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1335	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	7.5	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 28, Room 202 center sink faucet  
**Lab Sample ID:** 420-111108-28

Date Sampled: 09/30/2016 0707  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1335	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	7.2	ug/L	1.0	1.0	1.0

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Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 29, Room 202 north wall right sink faucet  
**Lab Sample ID:** 420-111108-29

Date Sampled: 09/30/2016 0707  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1336	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	5.0	ug/L	1.0	1.0	1.0



Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 30, Room 202 north wall left sink faucet  
**Lab Sample ID:** 420-111108-30

Date Sampled: 09/30/2016 0708  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1339	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	6.4	ug/L	1.0	1.0	1.0

Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 31, Room 202 east wall sink faucet  
**Lab Sample ID:** 420-111108-31

Date Sampled: 09/30/2016 0708  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1339	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	3.5	ug/L	1.0	1.0	1.0

Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 32, Room 202 prep room sink faucet  
**Lab Sample ID:** 420-111108-32

Date Sampled: 09/30/2016 0709  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1340	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	6.8	ug/L	1.0	1.0	1.0

Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 33, Room 203 sink faucet  
**Lab Sample ID:** 420-111108-33

Date Sampled: 09/30/2016 0710  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1341	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 34, Left TR across from Rm 206 sink faucet  
**Lab Sample ID:** 420-111108-34

Date Sampled: 09/30/2016 0710  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1342	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 35, Right across from Rm 206 left sink faucet  
**Lab Sample ID:** 420-111108-35

Date Sampled: 09/30/2016 0711  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1343	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 36, Right TR across from Rm 206 right sink  
**Lab Sample ID:** 420-111108-36

Date Sampled: 09/30/2016 0711  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1343	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0

Michael O'Rourke  
Ulster BOCES  
175 Route 32 North  
New Paltz, NY 12561

Job Number: 420-111108-1  
Sdg Number: Port Ewen Childcare

**Client Sample ID:** 37, Water fountain across from Room 201  
**Lab Sample ID:** 420-111108-37

Date Sampled: 09/30/2016 0712  
Date Received: 09/30/2016 1128  
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/28/2016 1344	
Prep Method: 200			Date Prepared:	10/28/2016 1000	
Pb	1.0 U	ug/L	1.0	1.0	1.0



## DATA REPORTING QUALIFIERS

Client: Ulster BOCES

Job Number:  
Sdg Number: Port Ewen Childcare

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

## Certification Information

Client: Ulster BOCES

Job Number:

Sdg Number: Port Ewen Childcare

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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: Ulster BOCES

Job Number:

Sdg Number: Port Ewen Childcare

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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)

11108

PROJECT REFERENCE	Port Ewen Childcare	PROJECT NO.		MATRIX TYPE		REQUIRED ANALYSES	1	PAGE 2 of 3	1
ENVIROTEST PROJECT MANAGER	Debra Bayer	P.O. NUMBER		OTHER SPECIFY		40ml Vials HCl			
CLIENT (SITE) PM	results to: morourke@ulsterbooces.org	CLIENT PHONE		OTHER SPECIFY		250ml Plastic Nitric Acid			
CLIENT NAME	Ulster BOCES	CLIENT FAX		OTHER SPECIFY		250ml Plastic Sulfuric Acid			
CLIENT ADDRESS	175 Route 32 North, New Paltz, New York 12561			OTHER SPECIFY		Liter Plastic			
COMPANY CONTRACTING THIS WORK (if applicable)									

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	NUMBER OF CONTAINERS SUBMITTED							REMARKS	
								Total # of Containers	Liter Amber HCl	250ml Plastic Nitric Acid	250ml Plastic Sulfuric Acid	Liter Plastic	250ml Plastic	Terra Core		Other
9/30/2016	6:51	14, 2nd floor faculty room sink faucet						1	1							Lead (DW 200.8)
9/30/2016	6:51	15, 2nd floor faculty room women's TR sink faucet						1	1							Lead (DW 200.8)
9/30/2016	6:51	16, 2nd floor faculty room men's TR sink faucet						1	1							Lead (DW 200.8)
9/30/2016	6:52	17, 2nd floor water fountain by elevator						1	1							Lead (DW 200.8)
9/30/2016	6:53	18, 2nd floor boy's TR left sink faucet						1	1							Lead (DW 200.8)
9/30/2016	6:53	19, 2nd floor boy's TR right sink faucet						1	1							Lead (DW 200.8)
9/30/2016	6:55	20, Room 210 sink faucet						1	1							Lead (DW 200.8)
9/30/2016	6:57	21, Women's TR by room 206 left sink faucet						1	1							Lead (DW 200.8)
9/30/2016	6:57	22, Women's TR by room 206 right sink faucet						1	1							Lead (DW 200.8)
9/30/2016	7:00	23, Library sink faucet						1	1							Lead (DW 200.8)
9/30/2016	7:02	24, Room 205 sink faucet						1	1							Lead (DW 200.8)
9/30/2016	7:03	25, Room 204 single bay sink faucet						1	1							Lead (DW 200.8)
9/30/2016	7:03 AM	26, Room 204 double bay left sink faucet						1	1							Lead (DW 200.8)

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
<i>Debra Bayer</i>	9/30/16	11:28 AM			
SAMPLED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
<i>Debra Bayer</i>	9/30/16	11:28 AM			
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	COOLER TEMP (C)	LABORATORY REMARKS:	ICE Y <input checked="" type="checkbox"/> N <input type="checkbox"/> Z <input type="checkbox"/> pH <input type="checkbox"/> CL2 <input type="checkbox"/>	Reviewed by
<i>Debra Bayer</i>	9/30/16	11:28	YES	20.2°C			LM 9/30/16

Pre-preserved with nitric acid @ ETL. Nitric acid man'f by Fisher Chemical Lot # 161446

IR#3

11108

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

PROJECT REFERENCE Port Ewen Childcare	PROJECT NO.	PROJECT LOCATION CAE	MATRIX TYPE	REQUIRED ANALYSES	PAGE 3 of 3	1
ENVIROTEST PROJECT MANAGER Debra Bayer	P.O. NUMBER	TOWN	OTHER Specify	40ml Vials HCl	TURNAROUND TIME	
CLIENT (SITE) PM results to: morourke@ulsterboce.com	CLIENT PHONE	CLIENT FAX	COMPOSITE (C) OR GRAB (G) INDICATE	Liter Amber HCl	NORMAL	
CLIENT NAME Ulster BOCES			AQUEOUS (WATER)	250ml Plastic Nitric Acid	QUICK	
CLIENT ADDRESS 175 Route 32 North, New Palz, New York 12561			SOLID OR SEMISOLID	250ml Plastic Sulfuric Acid	VERBAL	
COMPANY CONTRACTING THIS WORK (if applicable):						
SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED		REMARKS		
DATE	TIME	DATE	TIME	Lead (DW 200.8)		
9/30/2016	7:03	27, Room 204 double bay right sink faucet		Lead (DW 200.8)		
9/30/2016	7:07	28, Room 202 center sink faucet		Lead (DW 200.8)		
9/30/2016	7:07	29, Room 202 north wall right sink faucet		Lead (DW 200.8)		
9/30/2016	7:08	30, Room 202 north wall left sink faucet		Lead (DW 200.8)		
9/30/2016	7:08	31, Room 202 east wall sink faucet		Lead (DW 200.8)		
9/30/2016	7:09	32, Room 202 prep room sink faucet		Lead (DW 200.8)		
9/30/2016	7:10	33, Room 203 sink faucet		Lead (DW 200.8)		
9/30/2016	7:10	34, left TR across from Rm 206 sink faucet		Lead (DW 200.8)		
9/30/2016	7:11	35, right TR across from Rm 206 left sink faucet		Lead (DW 200.8)		
9/30/2016	7:11	36, right TR across from Rm 206 right sink faucet		Lead (DW 200.8)		
9/30/2016	7:12	37, water fountain across from Room 201		Lead (DW 200.8)		
9/30/2016				Lead (DW 200.8)		
RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMP/DATE	TIME
<i>Debra Bayer</i>	Ulster BOCES	9/30/16	11:28 am			
SAMPLED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMP/DATE	TIME
<i>Debra Bayer</i>	Ulster BOCES	9/30/16	11:28 am			
RELINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	RECEIVED BY: (SIGNATURE)	COMP/DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) *D. Omerout* ETL DATE 9/30/16 TIME 1128

CUSTOMY INTACT YES NO

COOLER TEMP(C): 20.2°C

LABORATORY REMARKS: ICE (Y\_N)  CL2 \_\_\_\_\_ Reviewed by \_\_\_\_\_

IR#3

## LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster BOCES

Job Number: 420-111108-1  
SDG Number: Port Ewen Childcare

**Login Number: 111108**

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	20.2 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 9/30/16
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	Pre-preserved with nitric acid at ETL. KM 9/30/16
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	