

ANALYTICAL REPORT

Job Number: 420-208536-4

SDG Number: Columbus School (Col)

Job Description: Poughkeepsie City School

For:

Poughkeepsie City Schools

18 S Perry St

Poughkeepsie, NY 12601

Attention: Susan Stevens



Mary Hernandez

Customer Service Manager

reports@envirotestlaboratories.com

10/22/2021

cc: Ms. Renee Cusack

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

Envirotest Laboratories

315 Fullerton Avenue, Newburgh, NY 12550

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

METHOD SUMMARY

Client: Poughkeepsie City Schools

Job Number: 420-208536-4
SDG Number: Columbus School (Col)

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

Susan Stevens
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Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

Client Sample ID: COL 2nd FI WF
Lab Sample ID: 420-208536-44

Date Sampled: 10/07/2021 0522
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed:	10/14/2021 1526	
Prep Method: 200.7/200.8				Date Prepared:	10/13/2021 1407	
Lead	68	g	ug/L	1.0	1.0	1.0

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Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

Client Sample ID: COL aid Kitchen
Lab Sample ID: 420-208536-45

Date Sampled: 10/07/2021 0532
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/14/2021 1532	
Prep Method: 200.7/200.8			Date Prepared:	10/13/2021 1407	
Lead	9.0	ug/L	1.0	1.0	1.0

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Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

Client Sample ID: COL WF Basement 1
Lab Sample ID: 420-208536-46

Date Sampled: 10/07/2021 0529
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/14/2021 1535	
Prep Method: 200.7/200.8			Date Prepared:	10/13/2021 1407	
Lead	1.2	ug/L	1.0	1.0	1.0

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Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

Client Sample ID: COL Old Cafe Sink
Lab Sample ID: 420-208536-47

Date Sampled: 10/07/2021 0526
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/14/2021 1537	
Prep Method: 200.7/200.8			Date Prepared:	10/13/2021 1407	
Lead	12	ug/L	1.0	1.0	1.0

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Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

Client Sample ID: COL WF basement gym
Lab Sample ID: 420-208536-48

Date Sampled: 10/07/2021 0602
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed:	10/20/2021 1651	
Prep Method: 200.7/200.8				Date Prepared:	10/15/2021 1439	
Lead	120	g	ug/L	1.0	1.0	1.0

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Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

Client Sample ID: COL Nurse Sink
Lab Sample ID: 420-208536-49

Date Sampled: 10/07/2021 0516
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	10/14/2021 1539	
Prep Method: 200.7/200.8			Date Prepared:	10/13/2021 1407	
Lead	<1.0	ug/L	1.0	1.0	1.0

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Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

Client Sample ID: COL WF Lobby
Lab Sample ID: 420-208536-50

Date Sampled: 10/07/2021 0518
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4		Date Analyzed:		10/14/2021 1541	
Prep Method: 200.7/200.8		Date Prepared:		10/13/2021 1407	
Lead	5.0	ug/L	1.0	1.0	1.0

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Poughkeepsie, NY 12601

Job Number: 420-208536-4
Sdg Number: Columbus School (Col)

STUDENT SERVICES WING

Client Sample ID: COL SS WF
Lab Sample ID: 420-208536-51

Date Sampled: 10/07/2021 0520
Date Received: 10/08/2021 1610
Client Matrix: Drinking Water

Analyte	Result/Qualifier		Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4				Date Analyzed:	10/14/2021 1548	
Prep Method: 200.7/200.8				Date Prepared:	10/13/2021 1407	
Lead	16	g	ug/L	1.0	1.0	1.0

DATA REPORTING QUALIFIERS

Client: Poughkeepsie City Schools

Job Number:
Sdg Number: Columbus School (Col)

Lab Section	Qualifier	Description
Metals	g	Result fails applicable NYS drinking water standards

Certification Information

Client: Poughkeepsie City Schools

Job Number:

Sdg Number: Columbus School (Col)

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), Biochemical Oxygen Demand (SM 5210B), Chemical Oxygen Demand (EPA 410.4), Dissolved Oxygen (SM 4500 O C), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (353.2), Setttable Solids (SM 2540F), Total Suspended Solids (SM 2540 C), 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). Pyridine

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: Poughkeepsie City Schools

Job Number:

Sdg Number: Columbus School (Col)

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 NYS DOH LAB # 10142 NJDEP LAB # NY105 CT DOPH# PH-0554
Lab Address 316 Fullerton Avenue, Newburgh, NY 12560 Phone (845) 562-0890
Field Office Address 312 Titusville Rd, Poughkeepsie, NY 12603 Field Office Phone (845) 229-6536

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CLIENT NAME Poughkeepsie City Schools		PWS NUMBER	MATRIX TYPE		REQUIRED Containers												PAGE 1 of 1								
CLIENT ADDRESS 18 So. Perry St. Poughkeepsie NY 12601		CLIENT (SITE) CONTACT marcos Rodriguez		COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) D (Drinking Water) or W (Waste Water) Indicate SOLID OR SEMISOLID Chlorine Residual	Total # of Containers	40 mL	40mL Vials HCl	40mL Vials Sulfuric	250mL Plastic	250 mL Plastic Nitric Acid	250mL Plastic Sulfuric Acid	250mL Plastic Sodium Hydroxide	250 Amber Sulfuric	Liter Plastic	Liter Amber Glass	Liter Amber HCl	125 mL Sterile Sodium Thio	125mL Sterile	Other	TURNAROUND TIME (Biz Days)		NON-TESTING CHARGES			
CLIENT PHONE (845) 451-4996		P.O. NUMBER/ PROJECT NUMBER 020365																		NORMAL		P/U		SAMP	
EMAIL (TO SEND REPORT) mrodriguez@poughkeepsieschools.org																				RUSH (Y/N)		GRAB		COMP	
PROJECT LOCATION Columbus School (001)																				RUSH (# Biz Days)		REPORTING			
SAMPLE DATE		SAMPLE TIME		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED												Analysis Requested							
10-7	5:22	2nd Fl W.F		G	D					1										Lead					
10/7	5:32	old Kitchen		G	D					1									Lead						
10/7	5:29	W.F. Basement 1		G	D					1									Lead						
10/7	5:26	old cafe Sink		G	D					1									Lead						
10/7	6:02	W.F. 2. basement gym		G	D					1									Lead						
10/7	5:16	Nurse Sink		G	D					1									Lead						
10/7	5:18	W.F. Lobby		G	D					1									Lead						
10-7	5:20	S.S. W.F		G	D					1									Lead						
																			Lead						

NOTES:		RELINQUISHED BY: (Print) marcos Rodriguez		COMPANY Poughkeepsie City Schools	DATE 10/8/21	TIME 12:15	RECEIVED BY: (Print) S3	COMPANY ETZ	DATE 10-8-21	TIME 12:17
		RELINQUISHED BY: (Print) S3		COMPANY ETZ	DATE 10-8-21	TIME 15:30	RECEIVED BY: (Print) MMA	COMPANY ETZ	DATE 10-8-21	TIME 17:00
		RELINQUISHED BY: (Print) B.K.		COMPANY B.K.	DATE 10-8-21	TIME 16:10	RECEIVED BY: (Print)	COMPANY	DATE	TIME
RECEIVED FOR ETL BY: (Print) Nate Kelly		DATE 10/8/21	TIME 16:10	CUSTODY INTACT? YES	COOLER TEMP 2:1	ETL REMARKS: ICE (Y/N) pH/Preservation Check				

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Poughkeepsie City Schools

Job Number: 420-208536-4
SDG Number: Columbus School (Col)

Login Number: 208536

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	2.1C
Cooler Temp. is within method specified range.(0-4 C PW, 0-6 C NPW, or BAC <10 C	True	
If false, was sample received on ice within 6 hours of collection.	NA	
Based on above criteria cooler temperature is acceptable.	True	
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	