

CERTIFICATE OF ANALYSIS

5940 Waterloo Road,

NY ELAP

Chain of Custody: 663919

Address:

Attention:

Client: Howard County Public School System

Job Name: Waterloo Elementary School

Date Submitted: 11/25/2024 **Date Analyzed:** 12/17/2024

10910 Route 108 Ellicott City

Christopher Madden

Columbia, MD 21045 **Job Number:** 13.062

Job Location:

P.O. Number:

Report Date: 12/20/2024

Maryland 21042

13.00

Date Sampled: 11/19/2024 - 11/22/2024

Person Submitting: John D. Farmer, III

Summary of Drinking Water Analysis for Metals

Not Provided

AMA Sample Number	Client Sample Number	Date/Time	Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
663919-1	: WATES-1 First-Draw	11/19/2024 6:40 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.54 ug/L	
663919-2	: WATES-2 First-Draw	11/19/2024 6:45 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.65 ug/L	
663919-3	: WATES-3 First-Draw	11/19/2024 6:44 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
663919-4	: WATES-4 First-Draw	11/21/2024 6:14 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-5	: WATES-4BW First- Draw	11/22/2024 6:32 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Classroom, See Floor Plan, Bottle Fill, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-6	: WATES-5 First-Draw	11/19/2024 6:39 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-7	: WATES-7 First-Draw	11/21/2024 6:11 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-8	: WATES-7BW First- Draw	11/22/2024 6:31 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Fill, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-9	: WATES-8 First-Draw	11/19/2024 6:41 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-10	: WATES-9 First-Draw	11/19/2024 6:34 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.66 ug/L	
663919-11	: WATES-10 First- Draw	11/19/2024 6:35 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-12	: WATES-14 First- Draw	11/19/2024 6:37 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-13	: WATES-20 First- Draw	11/19/2024 6:37 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	



CERTIFICATE OF ANALYSIS

Columbia, MD 21045

NY ELAP 10920

Chain of Custody: 663919

Howard County Public School System Client:

Job Name: Waterloo Elementary School Job Location: 5940 Waterloo Road,

Date Submitted: 11/25/2024 Date Analyzed: 12/17/2024

Address: 10910 Route 108 Ellicott City

Job Number:

13.062

Not Provided

Report Date: 12/20/2024

Maryland 21042 Attention: Christopher Madden

P.O. Number:

Date Sampled:

Person Submitting: John D. Farmer, III

11/19/2024 - 11/22/2024

Summary of Drinking Water Analysis for Metals

AMA Sample	Client Sample	Date/Time	Location	Analysis	Sample	Reporting	Final	Comments
Number	Number			Туре	Analyte	Limit	Result	
663919-14	: WATES-32 First- Draw		Drinking Water Fountain - Cooler/Chiller Style					
		11/19/2024 6:32 AM	(Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
663919-15	: WATES-37 First- Draw	11/21/2024 6:09 AM	Drinking Water Fountain - Cooler/Chiller Style	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			(Refrigerated), Yes (= Consumption), Classroom,					
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
663919-16	: WATES-38 First- Draw	11/19/2024 6:20 AM	Drinking Water Fountain - Cooler/Chiller Style					
			(Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
	: WATES-39 First- Draw	11/19/2024 6:19 AM	Drinking Water Fountain - Cooler/Chiller Style					
663919-17			(Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	1.5 ug/L	
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
663919-18	: WATES-40 First- Draw	11/19/2024 6:18 AM	Drinking Water Fountain - Cooler/Chiller Style					
			(Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	<0.5 ug/L	
	Diaw		See Floor Plan, Fountain, Main Bldg, 1st Floor					
	: WATES-41 First- Draw	11/19/2024 6:17 AM	Drinking Water Fountain - Cooler/Chiller Style					
663919-19			(Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
663919-20	: WATES-42 First- Draw	11/19/2024 6:16 AM	Drinking Water Fountain - Cooler/Chiller Style					
			(Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
	: WATES-44 First- Draw	11/21/2024 6:06 AM	Drinking Water Fountain - Cooler/Chiller Style	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-21			(Refrigerated), Yes (= Consumption), Classroom,					
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
	: WATES-45 First- Draw	11/19/2024 6:11 AM	Drinking Water Fountain - Cooler/Chiller Style	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-22			(Refrigerated), Yes (= Consumption), Classroom,					
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
	: WATES-46 First- Draw	11/19/2024 6:13 AM	Drinking Water Fountain - Cooler/Chiller Style	ICP	Lead	0.5 ug/L	<0.5 ug/L	
663919-23			(Refrigerated), Yes (= Consumption), Classroom,					
			See Floor Plan, Fountain, Main Bldg, 1st Floor					
	: WATES-49 First- Draw	11/19/2024 6:12 AM	Drinking Water Fountain - Cooler/Chiller Style					
663919-24			(Refrigerated), Yes (= Consumption), Hallway, See	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			Floor Plan, Fountain, Main Bldg, 1st Floor					
663919-25	: WATES-52 First- Draw	ES-52 First- 11/19/2024 6:15 AM	Faucet, Cold, Yes (= Consumption), Hallway, See	ICP	Lead	0.5 ug/L	0.82 ug/L	
003313-23			Floor Plan, Sink, Main Bldg, 1st Floor	ICI	Leau	0.5 ug/ L	0.02 ug/ L	
663919-26	: WATES-57 First- Draw	11/19/2024 6:14 AM	Drinking Water Fountain - Cooler/Chiller Style	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			(Refrigerated), Yes (= Consumption), Classroom,					
	Diaw		See Floor Plan, Fountain, Main Bldg, 1st Floor					



CERTIFICATE OF ANALYSIS

Maryland Water Quality Lab #262W

Chain of Custody: 663919

Howard County Public School System

Job Name: Job Location: Waterloo Elementary School

Date Submitted: Date Analyzed:

11/25/2024

Client:

5940 Waterloo Road, Columbia, MD 21045

12/17/2024

Address: 10910 Route 108 Ellicott City

Maryland 21042

Job Number: 13.062 **Report Date:**

12/20/2024

Attention: Christopher Madden

P.O. Number:

Not Provided

Date Sampled:

11/19/2024 - 11/22/2024

John D. Farmer, III **Person Submitting:**

Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Date/Time	Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
663919-27	: WATES-2 Flush	11/19/2024 6:47 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Bldg, 1st Floor					Void: Sample not analyzed, associated 1st Draw <5.5ppb
663919-28	: WATES-3 Flush	11/19/2024 6:47 AM	Faucet, Cold, Yes (= Consumption), Media Center, See Floor Plan, Sink, Main Bldg, 1st Floor					Void: Sample not analyzed, associated 1st Draw <5.5ppb

Sample Collector: John D. Farmer, III

Certification:

Preparation Method: None

Analysis Method: ICP: EPA 200.8 (Rev. 5.4)

mg/L = Parts Per Million (ppm), N/A = Not Applicable, μg/L = Parts Per Billion, N/P = Not Provided

All results are to be considered preliminary and subject to change unless signed by the Technical Director

or Deputy.

Analyst(s): George Land

Technical Director

George Land

George Sand

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. The results apply only to the sample(s) tested as received. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA-LAP, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.