

CERTIFICATE OF ANALYSIS

Maryland **Water Quality** Lab #262W

Chain of Custody: 662705

Job Name:

P.O. Number:

West Friendship Elementary

Friendhsip, MD 21794

School

115.24.B7

10/11/2024

NY ELAP

Howard County Public School System Client:

Job Location:

12500 Frederick Road, West Date Analyzed: 10/18/2024

Address:

10910 Route 108 Ellicott City

Job Number: 13.032 **Report Date:**

Date Submitted:

10/18/2024

Maryland 21042 Christopher Madden Attention:

Date Sampled:

10/10/2024 - 10/11/2024

Person Submitting: John D. Farmer, III

Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Date/Time	Location	Analysis	Sample	Reporting Limit	Final Result	Comments
662705-1	: WFES-1 First-Draw	10/10/2024 6:05 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Right	Type ICP	Analyte Lead	0.5 ug/L	3.7 ug/L	
002703 1	. WILS ITHSUBIAN	10, 10, 2024 0.03 AIVI	Hand Sink, Main Bldg, 1st Floor	ICI	Lead	0.5 ug/ L	3.7 ug/L	
662705-2	: WFES-2 First-Draw	10/10/2024 5:51 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (=	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor					
			Bottle Filler/Drinking Fountain Combo Unit - Bottle					
662705-3	: WFES-2BW First- Draw	10/11/2024 6:27 AM	Filler, Yes (= Consumption), Cafeteria, , Bottle Filler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662705-4	: WFES-3 First-Draw	10/10/2024 5:50 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.7 ug/L	
		10/10/2024 5:49 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP		0.5 ug/L		
662705-5	: WFES-5F First-Draw		Refrigerated), Yes (= Consumption), Classroom, ,		Lead		3.4 ug/L	
			Bubbler, Main Bldg, 1st Floor					
662705-6	: WFES-6F First-Draw	10/10/2024 5:48 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	3.3 ug/L	
002705-0	. vvrE3-or riist-Draw		Bubbler, Main Bldg, 1st Floor	ICP	Leau	U.5 ug/L	3.3 ug/L	
	: WFES-9 First-Draw	10/10/2024 5:46 AM	Drinking Water Fountain - Cooler/Chiller Style					
662705-7			(Refrigerated), Yes (= Consumption), Hallway, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			Bubbler, Main Bldg, 1st Floor					
	: WFES-10F First- Draw	10/10/2024 5:45 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	4.9 ug/L	
662705-8			Refrigerated), Yes (= Consumption), Classroom, ,					
			Bubbler, Main Bldg, 1st Floor Combination Sink - Fountain - Bubbler Style (Non-					
662705-9	: WFES-11F First- Draw	10/10/2024 5:41 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	5.2 ug/L	
002703-9			Bubbler, Main Bldg, 1st Floor	101	Leau	0.5 46/ 5		
	: WFES-12F First- Draw	10/10/2024 5:40 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP		0.5 ug/L	3.2 ug/L	
662705-10			Refrigerated), Yes (= Consumption), Classroom, ,		Lead			
			Bubbler, Main Bldg, 1st Floor					
662705-11	: WFES-14F First- Draw	10/10/2024 5:43 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP		0.5 ug/L	4.2 ug/L	
			Refrigerated), Yes (= Consumption), Classroom, ,		Lead			
			Bubbler, Main Bldg, 1st Floor					
662705 12	: WFES-16F First- Draw	t- 10/10/2024 5:36 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	3.0 ug/L	
662705-12			Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor					
			Dubblet, Mail Blug, 13t Hool					



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10910 Route 108 Ellicott City

Maryland 21042

Christopher Madden Attention:

Job Number: 13.032

P.O. Number: 115.24.B7

Date Sampled:

10/10/2024 - 10/11/2024

Person Submitting: John D. Farmer, III

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
662705-13	: WFES-17F First- Draw	10/10/2024 5:35 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	5.9 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
662705-14	: WFES-18F First- Draw	10/10/2024 5:30 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.7 ug/L	
662705-15	: WFES-19F First- Draw	10/10/2024 5:29 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.6 ug/L	
662705-16	: WFES-20F First- Draw	10/10/2024 5:28 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
662705-17	: WFES-21F First- Draw	10/10/2024 5:25 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.1 ug/L	
662705-18	: WFES-22F First- Draw	10/10/2024 5:24 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.4 ug/L	
662705-19	: WFES-23F First- Draw	10/10/2024 5:22 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.0 ug/L	
662705-20	: WFES-24F First- Draw	10/10/2024 5:20 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.1 ug/L	
662705-21	: WFES-25 First-Draw	10/10/2024 5:23 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662705-22	: WFES-26S First- Draw	10/11/2024 6:25 AM	Combination Sink - Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	7.8 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
662705-23	: WFES-26F First- Draw	10/10/2024 5:18 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Nurse's Office/Health Room, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.0 ug/L	
662705-24	: WFES-27F First- Draw	10/10/2024 5:17 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.6 ug/L	



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AMA Sample	Client Sample	Date/Time	Location	Analysis	Sample	Reporting	Final	Comments
Number	Number	•		Type	Analyte	Limit	Result	
662705-25	: WFES-28F First- Draw	10/10/2024 5:16 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.8 ug/L	
662705-26	: WFES-29 First-Draw	10/10/2024 5:14 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.51 ug/L	
662705-27	: WFES-31 First-Draw	10/10/2024 6:01 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.73 ug/L	
662705-28	: WFES-32 First-Draw	10/10/2024 5:52 AM	Ice Machine (Stand Alone), Yes (= Consumption), Cafeteria, , Ice Maker, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

Sample Collector: John D. Farmer, III Certification:

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

Preparation Method: None

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): Paul Littleton

Technical Director

George Land

George Smal

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