

## CERTIFICATE OF ANALYSIS

<b>Chain of Custody:</b> 662705	<b>Job Name:</b> West Friendship Elementary School	<b>Date Submitted:</b> 10/11/2024
<b>Client:</b> Howard County Public School System	<b>Job Location:</b> 12500 Frederick Road, West Friendship, MD 21794	<b>Date Analyzed:</b> 10/18/2024
<b>Address:</b> 10910 Route 108 Ellicott City Maryland 21042	<b>Job Number:</b> 13.032	<b>Report Date:</b> 10/18/2024
<b>Attention:</b> Christopher Madden	<b>P.O. Number:</b> 115.24.B7	<b>Date Sampled:</b> 10/10/2024 - 10/11/2024
		<b>Person Submitting:</b> 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
662705-1	: WFES-1 First-Draw	10/10/2024 6:05 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Right Hand Sink, Main Bldg, 1st Floor	ICP	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 (= Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662705-3	: WFES-2BW First-Draw	10/11/2024 6:27 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle 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	
662705-5	: WFES-5F First-Draw	10/10/2024 5:49 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.4 ug/L	
662705-6	: WFES-6F First-Draw	10/10/2024 5:48 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.3 ug/L	
662705-7	: WFES-9 First-Draw	10/10/2024 5:46 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662705-8	: WFES-10F First-Draw	10/10/2024 5:45 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	4.9 ug/L	
662705-9	: WFES-11F First-Draw	10/10/2024 5:41 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	5.2 ug/L	
662705-10	: WFES-12F First-Draw	10/10/2024 5:40 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.2 ug/L	
662705-11	: WFES-14F First-Draw	10/10/2024 5:43 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	4.2 ug/L	
662705-12	: WFES-16F First-Draw	10/10/2024 5:36 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.0 ug/L	

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662705-13	: WFES-17F First-Draw	10/10/2024 5:35 AM	Combination Sink - Fountain - Bubblers 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 - Bubblers 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 - Bubblers 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 - Bubblers 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 - Bubblers 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 - Bubblers 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 - Bubblers 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 - Bubblers 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 - Bubblers 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 - Bubblers 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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662705-25	: WFES-28F First-Draw	10/10/2024 5:16 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, 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	

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

Sample Collector: John D. Farmer, III  
Certification:

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

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