

CERTIFICATE OF ANALYSIS

Chain of Custody:	673868	Job Name:	Murray Hill Middle School	Date Submitted:	10/17/2025
Client:	Howard County Public School System	Job Location:	9989 Winter Sun Road, Laurel 20723	Date Analyzed:	10/27/2025
Address:	10910 Clarksville Pike Ellicott City MD 21042	Job Number:	Not Provided	Report Date:	10/28/2025
Attention:	Christopher Madden	P.O. Number:	Not Provided	Date Sampled:	10/07/2025 - 10/10/2025
				Person Submitting:	John Farmer

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
673868-1	: MHMS-2 First-Draw	10/07/2025 5:50 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.1 ug/L	
673868-2	: MHMS-3 First-Draw	10/07/2025 5:51 AM	Commercial Kitchen Kettle, Cold (i.e., faucet leading into kettle), Yes (= Consumption), Kitchen, See Floor Plan, Kettle, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
673868-3	: MHMS-4 First-Draw	10/07/2025 5:53 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.3 ug/L	
673868-4	: MHMS-5 First-Draw	10/07/2025 5:43 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	
673868-5	: MHMS-7 First-Draw	10/07/2025 5:11 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	
673868-6	: MHMS-7BW First-Draw	10/08/2025 6:33 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	
673868-7	: MHMS-8 First-Draw	10/07/2025 5:21 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	
673868-8	: MHMS-8BW First-Draw	10/08/2025 6:34 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	
673868-9	: MHMS-9 First-Draw	10/07/2025 5:23 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-10	: MHMS-10 First-Draw	10/10/2025 6:07 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	6.5 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
673868-11	: MHMS-11 First-Draw	10/07/2025 5:20 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	
673868-12	: MHMS-14 First-Draw	10/07/2025 5:19 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	3.0 ug/L	

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673868-13	: MHMS-16 First-Draw	10/07/2025 5:17 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	
673868-14	: MHMS-18 First-Draw	10/07/2025 5:15 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.74 ug/L	
673868-15	: MHMS-19 First-Draw	10/07/2025 5:14 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.72 ug/L	
673868-16	: MHMS-20 First-Draw	10/07/2025 5:13 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	
673868-17	: MHMS-21 First-Draw	10/07/2025 5:30 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-18	: MHMS-21BW First-Draw	10/08/2025 6:36 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Fill, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-19	: MHMS-22 First-Draw	10/07/2025 5:25 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-20	: MHMS-23 First-Draw	10/07/2025 5:26 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-21	: MHMS-24 First-Draw	10/07/2025 5:27 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-22	: MHMS-25 First-Draw	10/07/2025 5:28 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-23	: MHMS-26 First-Draw	10/07/2025 5:29 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-24	: MHMS-28 First-Draw	10/07/2025 5:32 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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673868-25	: MHMS-31 First-Draw	10/07/2025 5:37 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-26	: MHMS-32 First-Draw	10/07/2025 5:35 AM	Faucet, Cold, Yes (= Consumption), Media Center, See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
673868-27	: MHMS-33 First-Draw	10/07/2025 5:39 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
673868-28	: MHMS-2 Flush	10/10/2025 5:13:00 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor					Void: Sample not analyzed, associated 1st draw <5.5ppb.
673868-29	: MHMS-4 Flush	10/10/2025 5:14:00 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor					Void: Sample not analyzed, associated 1st draw <5.5ppb.

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 Farmer
Certification:

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

Analyst(s): JP Littleton,



Technical Director George Land

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