

CERTIFICATE OF ANALYSIS

Chain of Custody: 662179	Job Name: Clarksville Middle School	Date Submitted: 09/27/2024
Client: Howard County Public School System	Job Location: 6535 South Trotter Road, Clarksville MD	Date Analyzed: 10/03/2024
Address: 10910 Route 108 Ellicott City Maryland 21042	Job Number: 13.031	Report Date: 10/03/2024
Attention: Christopher Madden	P.O. Number: 115.24.B7	Date Sampled: 09/24/2024 - 09/25/2024
		Person Submitting: Christopher Madden

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
662179-1	CMS-1: CMS-1 First-Draw	09/25/2024 5:50 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	13.6 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
662179-2	CMS-2: CMS-2 First-Draw	09/25/2024 5:52 AM	Ice Machine (Stand Alone), Yes (= Consumption), Kitchen, , Ice Maker, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-3	CMS-3: CMS-3 First-Draw	09/25/2024 5:48 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
662179-4	CMS-4: CMS-4 First-Draw	09/25/2024 5:59 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside Café (L), See Floor Plan, Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-5	CMS-4BW: CMS-4BW First-Draw	09/24/2024 7:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, Outside Café, See Floor Plan, Bottle Filler , Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-6	CMS-5: CMS-5 First-Draw	09/25/2024 6:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside Café (R), See Floor Plan, Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-7	CMS-7: CMS-7 First-Draw	09/25/2024 6:03 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	
662179-8	CMS-8: CMS-8 First-Draw	09/25/2024 6:04 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.81 ug/L	
662179-9	CMS-9: CMS-9 First-Draw	09/25/2024 6:05 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.93 ug/L	
662179-10	CMS-10: CMS-10 First-Draw	09/25/2024 6:06 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.73 ug/L	
662179-11	CMS-11: CMS-11 First-Draw	09/25/2024 6:07 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.77 ug/L	
662179-12	CMS-13: CMS-13 First-Draw	09/25/2024 6:10 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.85 ug/L	
662179-13	CMS-14: CMS-14 First-Draw	09/25/2024 6:11 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway,	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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			Outside Staff Lounge, See Floor Plan, Fountain, Main, 1st Floor					
662179-14	CMS-15: CMS-15 First-Draw	09/25/2024 6:13 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, Off 3 and 4, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
662179-15	CMS-16: CMS-16 First-Draw	09/25/2024 6:15 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside 10, See Floor Plan, Combo Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-16	CMS-17: CMS-17 First-Draw	09/25/2024 6:16 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, Off 6 and 7, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.0 ug/L	
662179-17	CMS-18: CMS-18 First-Draw	09/25/2024 6:19 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, Outside Media, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.70 ug/L	
662179-18	CMS-19: CMS-19 First-Draw	09/25/2024 6:20 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Media Work Room, See Floor Plan, Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-19	CMS-20: CMS-20 First-Draw	09/25/2024 6:22 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, Media Work Room, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
662179-20	CMS-22: CMS-22 First-Draw	09/25/2024 6:24 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, Off 13 and 14, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
662179-21	CMS-23: CMS-23 First-Draw	09/25/2024 6:26 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, Off 17, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	3.3 ug/L	
662179-22	CMS-27: CMS-27 First-Draw	09/25/2024 6:27 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside 22, See Floor Plan, Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-23	CMS-29: CMS-29 First-Draw	09/25/2024 6:33 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Additional Hallway R, See Floor Plan, Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-24	CMS-30: CMS-30 First-Draw	09/25/2024 6:34 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Additional Hallway L, See Floor Plan, Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
662179-25	CMS-31: CMS-31 First-Draw	09/25/2024 6:31 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, Staff Lounge, See Floor Plan, Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.65 ug/L	

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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: Christopher Madden Certification:					
Analyst(s): Paul Littleton				All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.					



Technical Director _____
George Land

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