

## CERTIFICATE OF ANALYSIS

<b>Chain of Custody:</b>	674607	<b>Job Name:</b>	Wilde Lake High School	<b>Date Submitted:</b>	11/12/2025
<b>Client:</b>	Howard County Public School System	<b>Job Location:</b>	5460 Trumpeter Road, Columbia, MD 21044	<b>Date Analyzed:</b>	12/03/2025
<b>Address:</b>	10910 Clarksville Pike Ellicott City MD 21042	<b>Job Number:</b>	13.058	<b>Report Date:</b>	12/04/2025
<b>Attention:</b>	Christopher Madden	<b>P.O. Number:</b>	Not Provided	<b>Date Sampled:</b>	11/11/2025 - 11/12/2025
				<b>Person Submitting:</b>	Joel Ortiz

### 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
674607-1	: WLHS-1 First Draw	11/11/2025 5:53 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, See Floor Plan, Fountain, Main Bldg, Basement	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-2	: WLHS-2 First Draw	11/11/2025 5:55 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, See Floor Plan, Fountain, Main Bldg, Basement	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-3	: WLHS-3 First Draw	11/11/2025 5:56 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, Basement	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-4	: WLHS-4 First Draw	11/11/2025 5:57 AM	Ice Machine (Stand Alone), Yes (= Consumption), Storage Room/Area, See Floor Plan, Ice Maker, Main Bldg, Basement	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-5	: WLHS-5 Flush	11/11/2025 5:57 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-7	: WLHS-7 First Draw	11/11/2025 5:44 AM	Commercial Kitchen Kettle, Cold (i.e., faucet leading into kettle), Yes (= Consumption), Kitchen, See Floor Plan, Tap, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
674607-8	: WLHS-8 First Draw	11/11/2025 5:49 AM	Ice Machine (Stand Alone), Yes (= Consumption), Kitchen, See Floor Plan, Ice Maker, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-9	: WLHS-9 First Draw	11/11/2025 5:46 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-10	: WLHS-10 First Draw	11/11/2025 5:40 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.1 ug/L	
674607-11	: WLHS-11 First Draw	11/11/2025 5:38 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	
674607-12	: WLHS-12 First Draw	11/12/2025 5:28 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	
674607-13	: WLHS-13 First Draw	11/11/2025 5:35 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	
674607-14	: WLHS-17 First Draw	11/11/2025 5:27 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	

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<b>Attention:</b>	Christopher Madden	<b>P.O. Number:</b>	Not Provided	<b>Date Sampled:</b>	11/11/2025 - 11/12/2025
				<b>Person Submitting:</b>	Joel Ortiz

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674607-15	: WLHS-19 First Draw	11/11/2025 5:25 AM	Faucet, Cold, Yes (= Consumption), Office, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-16	: WLHS-20 First Draw	11/11/2025 5:21 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
674607-17	: WLHS-22 First Draw	11/11/2025 5:16 AM	Faucet, Cold, Yes (= Consumption), Storage Room/Area, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	9.5 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
674607-18	: WLHS-24 First Draw	11/11/2025 5:12 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	
674607-19	: WLHS-24BW First Draw	11/12/2025 5:22 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Filler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-20	: WLHS-25 First Draw	11/11/2025 5:07 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	
674607-21	: WLHS-26 First Draw	11/11/2025 5:05 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	
674607-22	: WLHS-27 First Draw	11/11/2025 5:09 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	
674607-23	: WLHS-28 First Draw	11/12/2025 5:25 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	
674607-24	: WLHS-21F First-Draw	11/11/2025 5:18 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-25	: WLHS-29F First-Draw	11/12/2025 5:19 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-26	: WLHS-29S First-Draw	11/11/2025 5:36 AM	Combination Sink - Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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674607-27	: WLHS-30 First-Draw	11/11/2025 5:21 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-28	: WLHS-32 First-Draw	11/11/2025 5:20 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-29	: WLHS-33 First-Draw	11/11/2025 5:19 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-30	: WLHS-34 First-Draw	11/11/2025 5:18 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-31	: WLHS-35 First-Draw	11/11/2025 5:17 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-32	: WLHS-36 First-Draw	11/11/2025 5:16 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-33	: WLHS-38 First-Draw	11/11/2025 5:03 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	
674607-34	: WLHS-39 First-Draw	11/12/2025 5:12 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	
674607-35	: WLHS-40 First-Draw	11/11/2025 5:08 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
674607-36	: WLHS-41 First-Draw	11/11/2025 5:06 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	
674607-37	: WLHS-43 First-Draw	11/11/2025 5:09 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-38	: WLHS-46 First-Draw	11/11/2025 5:14 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 3rd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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674607-39	: WLHS-47 First-Draw	11/12/2025 5:07 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 3rd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-40	: WLHS-48 First-Draw	11/11/2025 5:11 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 3rd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-41	: WLHS-49 First-Draw	11/12/2025 5:05 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 3rd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674607-43	: WLHS-50 First-Draw	11/11/2025 5:43 AM	Faucet, Cold, Yes (= Consumption), Concessions, See Floor Plan, Sink, Main Bldg, 3rd Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
674607-44	: WLHS-51 First-Draw	11/11/2025 5:45 AM	Spigot (with threadings for hose connection), Yes (= Consumption), Concessions, See Floor Plan, Spigot, Main Bldg, 3rd Floor	ICP	Lead	0.5 ug/L	0.57 ug/L	
674607-45	: WLHS-6 Flush	11/12/2025 5:35 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor					Void: Sample not analyzed, associated 1st draw <5.5ppb.
674607-46	: WLHS-7 Flush	11/12/2025 5:36 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor					Void: Sample not analyzed, associated 1st draw <5.5ppb.
674607-47	: WLHS-9 Flush	11/12/2025 5:35 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, ug/L = Parts Per Billion, N/P = Not Provided

Sample Collector: Christopher Madden & 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** JP Littleton