



# CERTIFICATE OF ANALYSIS

**Chain of Custody:** 640025  
**Client:** Howard County Public School System  
**Address:** 10910 Route 108  
Ellicott City, MD 21042  
**Attention:** Jeff Klenk

**Job Name:** Homewood School  
**Job Location:** 10914 Clarksville Pike, Ellicott City,  
MD 21042  
**Job Number:** 13.080  
**P.O. Number:** Not Provided

**Date Submitted:** 09/30/2022  
**Date Analyzed:** 10/06/2022  
**Report Date:** 10/07/2022  
**Date Sampled:** 09/21/2022 - 09/22/2022  
**Person Submitting:** Jeff Klenk

## Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Sample Collection Information		Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
		Date/Time	Location					
640025-1	HWS 1 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-2	HWS 2 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-3	HWS 6 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L.
640025-4	HWS 7 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
640025-5	HWS 8 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-6	HWS 9 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.62 ug/L	
640025-7	HWS 10 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-8	HWS 11 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-9	HWS 11BW First-Draw	09/22/2022 6:35 am	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-10	HWS 12 First-Draw	09/21/2022 6:15 am	Ice Machine (Stand Alone), Consumption, Kitchen, , Ice Maker, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-11	HWS 13 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
640025-12	HWS 14 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Cafeteria, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-13	HWS 15 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-14	HWS 16 First-Draw	09/21/2022 6:15 am	#REF! faucet, cold - consumption -teacher lounge sink-main building-first floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	JK



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640025-15	HWS 17 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Teachers' Lounge/Break Room, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-16	HWS 20 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-17	HWS 21 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.94 ug/L	
640025-18	HWS 22 First-Draw	09/21/2022 6:15 am	Faucet, Cold, Consumption, Staff Workroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-19	HWS 23 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
640025-20	HWS 24 First-Draw	09/21/2022 6:15 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	

**Analysis Methods:** Flame AA: APHA SM3111B (1999, 22nd Ed.), Furnace AA: APHA SM3113B (2010, 22nd Ed.), ICP: EPA 200.8 (Rev. 5.4)

**Sample Collector:** Jeff Klenk & Gautam Tele  
**Certification:**

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):** Jean-Paul Littleton

**Technical Director**  
George Land

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