



# CERTIFICATE OF ANALYSIS

**Chain of Custody:** 630996  
**Client:** Howard County Public School System  
**Address:** 10910 Route 108  
Ellicott City, MD 21042  
**Attention:** Jeff Klenk

**Job Name:** Glenwood Middle School  
**Job Location:** 2680 Route 97, Glenwood, MD 21738  
**Job Number:** 13.069  
**P.O. Number:** Not Provided

**Date Submitted:** 11/12/2021  
**Date Analyzed:** 11/19/2021  
**Report Date:** 11/19/2021  
**Date Sampled:** 10/29/2021  
**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					
630996-1	GMS 1 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Kitchen, , Sink,	Furnace AA	Lead	1 ug/L	3.2 ug/L	
630996-2	GMS 2 First Draw	10/29/2021 5:30 am	Ice Machine, Consumption, Kitchen, , Ice Machine,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-3	GMS 3 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Kitchen, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-4	GMS 4 First Draw	10/29/2021 5:30 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-5	GMS 5 First Draw	10/29/2021 5:30 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-6	GMS 6 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink,	Furnace AA	Lead	1 ug/L	1.2 ug/L	
630996-7	GMS 7 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink,	Furnace AA	Lead	1 ug/L	2.3 ug/L	
630996-8	GMS 8 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink,	Furnace AA	Lead	1 ug/L	1.9 ug/L	
630996-9	GMS 9 First Draw	10/29/2021 5:30 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-10	GMS 10 First Draw	10/29/2021 5:30 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-11	GMS 11 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink,	Furnace AA	Lead	1 ug/L	2.4 ug/L	
630996-12	GMS 12 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink,	Furnace AA	Lead	1 ug/L	1.6 ug/L	
630996-13	GMS 13 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink,	Furnace AA	Lead	1 ug/L	3.5 ug/L	
630996-14	GMS 14 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink,	Furnace AA	Lead	1 ug/L	3.2 ug/L	



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		Date/Time	Location					
630996-15	GMS 15 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink,	Furnace AA	Lead	1 ug/L	4.1 ug/L	
630996-16	GMS 16 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink,	Furnace AA	Lead	1 ug/L	4.7 ug/L	
630996-17	GMS 17 First Draw	10/29/2021 5:30 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-18	GMS 19 First Draw	10/29/2021 5:30 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain,	Furnace AA	Lead	1 ug/L	1.5 ug/L	
630996-19	GMS 20 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	1 ug/L	1.0 ug/L
630996-20	GMS 22 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Media Center, , Sink,	Furnace AA	Lead	1 ug/L	1.3 ug/L	
630996-21	GMS 23 First Draw	10/29/2021 5:30 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630996-22	GMS 25 First Draw	10/29/2021 5:30 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	1.2 ug/L	



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

mg/L = Parts Per Million (ppm), N/A = Not Applicable, µg/L = Parts Per Billion, N/P = Not Provided

**Analyst(s):** Nida McGarvey

**Sample Collector:** Jeff Klenk  
**Certification:**

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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