



# CERTIFICATE OF ANALYSIS

**Chain of Custody:** 630501  
**Client:** Howard County Public School System  
**Address:** 10910 Route 108  
Ellicott City, MD 21042  
**Attention:** Jeff Klenk

**Job Name:** Jeffers Hill Elementary School  
**Job Location:** 6001 Tamar Drive, Columbia, MD  
21045  
**Job Number:** 13.014  
**P.O. Number:** Not Provided

**Date Submitted:** 10/28/2021  
**Date Analyzed:** 11/03/2021  
**Report Date:** 11/04/2021  
**Date Sampled:** 10/28/2021  
**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					
630501-1	: JHES 1 Flush	10/28/2021 5:56 am	Faucet, Cold, Consumption, Kitchen, , Sink, ,	ICP	Lead	0.5 ug/L	1.7 ug/L	
630501-2	: JHES 2 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Cafeteria, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630501-3	: JHES 3 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630501-4	: JHES 4 First Draw	10/28/2021 5:56 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, ,	ICP	Lead	0.5 ug/L	0.51 ug/L	
630501-5	: JHES 8 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630501-6	: JHES 9 First Draw	10/28/2021 5:56 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630501-7	: JHES 11 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , Fountain, ,	ICP	Lead	0.5 ug/L	5.8 ug/L	This results meets or exceeds the 5.5ppb action level as established by MDE for schools.
630501-8	: JHES 15 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , Fountain, ,	ICP	Lead	0.5 ug/L	5 ug/L	5.0 ug/L
630501-9	: JHES 16 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , Fountain, ,	ICP	Lead	0.5 ug/L	6.4 ug/L	This results meets or exceeds the 5.5ppb action level as established by MDE for schools.
630501-10	: JHES 18 First Draw	10/28/2021 5:56 am	Faucet, Cold, Consumption, Classroom, , Sink, ,	ICP	Lead	0.5 ug/L	5.3 ug/L	
630501-11	: JHES 19 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , Fountain, ,	ICP	Lead	0.5 ug/L	2.3 ug/L	
630501-12	: JHES 20 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , Fountain, ,	ICP	Lead	0.5 ug/L	2.1 ug/L	



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		Date/Time	Location					
630501-13	: JHES 23 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , Fountain, ,	ICP	Lead	0.5 ug/L	1.9 ug/L	
630501-14	: JHES 24 First Draw	10/28/2021 5:56 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , Fountain, ,	ICP	Lead	0.5 ug/L	1.8 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  
**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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