



# CERTIFICATE OF ANALYSIS

**Chain of Custody:** 631883  
**Client:** Howard County Public School System  
**Address:** 10910 Route 108  
Ellicott City, MD 21042  
**Attention:** Jeff Klenk

**Job Name:** Patapsco Middle School  
**Job Location:** 8885 Old Frederick Road, Ellicott City,  
MD 21043  
**Job Number:** 13.051  
**P.O. Number:** Not Provided

**Date Submitted:** 12/29/2021  
**Date Analyzed:** 01/06/2022  
**Report Date:** 01/06/2022  
**Date Sampled:** 12/23/2021  
**Person Submitting:** Jeff Klenk

## Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Date/Time	Sample Collection Information Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
631883-1	PMS 2 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Kitchen, , Sink, ,	ICP	Lead	0.5 ug/L	1.1 ug/L	
631883-2	PMS 3 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Kitchen, , Sink, ,	ICP	Lead	0.5 ug/L	1.2 ug/L	
631883-3	PMS 5 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Office, , Sink, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
631883-4	PMS 7 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
631883-5	PMS 8 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
631883-6	PMS 11 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Classroom, , Sink, ,	ICP	Lead	0.5 ug/L	0.8 ug/L	0.80 ug/L.
631883-7	PMS 13 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Classroom, , Sink, ,	ICP	Lead	0.5 ug/L	3.1 ug/L	
631883-8	PMS 14 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
631883-9	PMS 15 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, ,	ICP	Lead	0.5 ug/L	5.3 ug/L	
631883-10	PMS 20 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
631883-11	PMS 22 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Classroom, , Sink, ,	ICP	Lead	0.5 ug/L	5.1 ug/L	
631883-12	PMS 23 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Classroom, , Sink, ,	ICP	Lead	0.5 ug/L	2 ug/L	2.0 ug/L.
631883-13	PMS 24 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Classroom, , Sink, ,	ICP	Lead	0.5 ug/L	4.1 ug/L	
631883-14	PMS 29 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Locker Room, , Fountain, ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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631883-15	PMS 30 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Locker Room, , Fountain, ,		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
631883-16	PMS 31 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,		ICP	Lead	0.5 ug/L	1.4 ug/L	
631883-17	PMS 33 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,		ICP	Lead	0.5 ug/L	2.3 ug/L	
631883-18	PMS 42 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,		ICP	Lead	0.5 ug/L	5.1 ug/L	
631883-19	PMS 44 First-Draw	12/23/2021 6:17 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , Fountain, ,		ICP	Lead	0.5 ug/L	2 ug/L	2.0 ug/L.
631883-20	PMS 45 First-Draw	12/23/2021 6:17 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, ,		ICP	Lead	0.5 ug/L	0.82 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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