



# CERTIFICATE OF ANALYSIS

**Chain of Custody:** 630215  
**Client:** Howard County Public School System  
**Address:** 10910 Route 108  
Ellicott City, MD 21042  
**Attention:** Jeff Klenk

**Job Name:** St. Johns Lane Elementary School  
**Job Location:** 2960 St John's Lane, Ellicott City, MD  
21042  
**Job Number:** 13.028  
**P.O. Number:** Not Provided

**Date Submitted:** 10/28/2021  
**Date Analyzed:** 11/03/2021  
**Report Date:** 11/04/2021  
**Date Sampled:** 10/19/2021 - 10/20/2021  
**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					
630215-1	1: SJLES 5 First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-2	2: SJLES 8F First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Bubbler Style, Consumption, Classroom, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-3	3: SJLES 9F First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Bubbler Style, Consumption, Classroom, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-4	4: SJLES 10F First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Bubbler Style, Consumption, Classroom, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-5	5: SJLES 16 First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-6	6: SJLES 19 First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-7	7: SJLES 20 First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Bubbler Style, Consumption, Hallway, , ,	ICP	Lead	0.5 ug/L	0.81 ug/L	
630215-8	8: SJLES 21 First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	ICP	Lead	0.5 ug/L	1.6 ug/L	
630215-9	9: SJLES 27 First Draw	10/19/2021 5:35 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-10	10: SJLES 1 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Kitchen, , Sink, , ,	ICP	Lead	0.5 ug/L	6.7 ug/L	This results meets or exceeds the 5.5ppb action level as established by MDE for schools.
630215-11	11: SJLES 2 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-12	12: SJLES 3 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink, , ,	ICP	Lead	0.5 ug/L	0.97 ug/L	
630215-13	13: SJLES 4 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink, , ,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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630215-14	14: SJLES 6 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	1.5 ug/L	
630215-15	15: SJLES 7 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	0.61 ug/L	
630215-16	16: SJLES 8S First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L
630215-17	17: SJLES 9S First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	2.4 ug/L	
630215-18	18: SJLES 11 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L
630215-19	19: SJLES 13 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	2 ug/L	2.0 ug/L
630215-20	20: SJLES 14 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-21	21: SJLES 15 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Workroom, , Sink,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-22	22: SJLES 17 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-23	23: SJLES 18 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Workroom, , Sink,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-24	24: SJLES 22 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	6.1 ug/L	This results meets or exceeds the 5.5ppb action level as established by MDE for schools.
630215-25	25: SJLES 24 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	1.1 ug/L	
630215-26	26: SJLES 26 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink,	ICP	Lead	0.5 ug/L	0.81 ug/L	



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		Date/Time	Location					
630215-27	27: SJLES 28 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-28	28: SJLES 29 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	4.1 ug/L	
630215-29	29: SJLES 30 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
630215-30	30: SJLES 31 First Draw	10/20/2021 5:11 am	Faucet, Cold, Consumption, Classroom, , Sink,	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)

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

**Analyst(s):** Jean-Paul Littleton

**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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