



CERTIFICATE OF ANALYSIS

Chain of Custody: 630090
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Talbott Springs Elementary School
Job Location: 9550 Basket Ring Road, Columbia,
MD 21045
Job Number: 13.01
P.O. Number: Not Provided

Date Submitted: 10/13/2021
Date Analyzed: 10/18/2021
Report Date: 10/19/2021
Date Sampled: 10/12/2021 - 10/13/2021
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
630090-1	-1: TSES 14 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-2	-2: TSES 17 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-3	-3: TSES 2 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Cafeteria, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-4	-4: TSES 3 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-5	-5: TSES 32F First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-6	-6: TSES 34F First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Classroom, , ,	Furnace AA	Lead	1 ug/L	16 ug/L	15.8 ug/L. This results meets or exceeds the 5.5ppb action level as established by MDE for schools.
630090-7	-7: TSES 5 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-8	-8: TSES 6 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-9	-9: TSES 1 Flush	10/13/2021 5:50 am	Faucet, Cold, Consumption, Kitchen, , Sink,	Furnace AA	Lead	1 ug/L	2 ug/L	2.0 ug/L
630090-10	-10: TSES 12 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-11	-11: TSES 13 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-12	-12: TSES 15 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Office, , Sink,	Furnace AA	Lead	1 ug/L	2.2 ug/L	
630090-13	-13: TSES 18 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	



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630090-14	-14: TSES 19 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-15	-15: TSES 23 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-16	-16: TSES 24 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-17	-17: TSES 25 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink,	Furnace AA	Lead	1 ug/L	4.1 ug/L	
630090-18	-18: TSES 30 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-19	-19: TSES 32S First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-20	-20: TSES 4S First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	3 ug/L	3.0 ug/L
630090-21	-21: TSES 7 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-22	-22: TSES 8 First Draw	10/13/2021 5:50 am	Faucet, Cold, Consumption, Classroom, , Sink,	Furnace AA	Lead	1 ug/L	2.3 ug/L	
630090-23	-23: PB216 3 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	Furnace AA	Lead	1 ug/L	< 1 ug/L	
630090-24	-24: PB216 4 First Draw	10/12/2021 5:38 am	Drinking Water Fountain - Cooler/Chiller Style, Consumption, Hallway, , ,	Furnace AA	Lead	1 ug/L	< 1 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)				Sample Collector: Jeff Klenk				
mg/L = Parts Per Million (ppm), N/A = Not Applicable, µg/L = Parts Per Billion, N/P = Not Provided				Certification:				
Analyst(s): Nida McGarvey				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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