



CERTIFICATE OF ANALYSIS

Chain of Custody: 639966
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Folly Quarter Middle School
Job Location: 13500 Triadelphia Ridge Road,
Ellicott City, MD 21042
Job Number: 13.081
P.O. Number: Not Provided

Date Submitted: 09/30/2022
Date Analyzed: 10/06/2022
Report Date: 10/07/2022
Date Sampled: 09/28/2022 - 09/29/2022
Person Submitting: Jeff Klenk

Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Date/Time	Location	Sample Collection Information	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
639966-1	FQMS 1 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.3 ug/L	
639966-2	FQMS 3 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.3 ug/L	
639966-3	FQMS 6 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	0.8 ug/L	0.80 ug/L.
639966-4	FQMS 10 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	0.82 ug/L	
639966-5	FQMS 13 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	3 ug/L	3.0 ug/L.
639966-6	FQMS 14 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	3.7 ug/L	
639966-7	FQMS 15 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.1 ug/L	
639966-8	FQMS 16 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L.
639966-9	FQMS 17 First-Draw	09/29/2022 6:35 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.1 ug/L	
639966-10	FQMS 18 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Locker Room, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.3 ug/L	
639966-11	FQMS 19 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Locker Room, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	0.8 ug/L	0.80 ug/L.
639966-12	FQMS 20 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Cafeteria, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	0.84 ug/L	
639966-13	FQMS 21 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	5.2 ug/L	
639966-14	FQMS 22 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	4.5 ug/L	



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639966-15	FQMS 23 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	3.4 ug/L	
639966-16	FQMS 24 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	4.6 ug/L	
639966-17	FQMS 25 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	11 ug/L	10.5 ug/L. This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
639966-18	FQMS 26 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	3.3 ug/L	
639966-19	FQMS 27 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom (Home Economics), , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	4 ug/L	4.0 ug/L.
639966-20	FQMS 28 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	0.96 ug/L	
639966-21	FQMS 29 Flush	09/28/2022 6:08 am	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	6.1 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
639966-22	FQMS 30 Flush	09/28/2022 6:08 am	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.4 ug/L	
639966-23	FQMS 31 Flush	09/28/2022 6:08 am	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.2 ug/L	
639966-24	FQMS 32 First-Draw	09/28/2022 6:08 am	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	0.73 ug/L	
639966-25	FQMS 34 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	0.97 ug/L	



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639966-26	FQMS 38 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	0.73 ug/L	
639966-27	FQMS 41 First-Draw	09/28/2022 6:08 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	0.84 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 & Daniel Wooddell
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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