



CERTIFICATE OF ANALYSIS

Chain of Custody: 633075
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Elkridge Elementary School
Job Location: 7075 Montgomery Road, Elkridge, MD
21075
Job Number: 13.020
P.O. Number: Not Provided

Date Submitted: 02/18/2022
Date Analyzed: 02/24/2022
Report Date: 02/25/2022
Date Sampled: 02/15/2022 - 02/16/2022
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					
633075-1	EES-01 First-Draw	02/16/2022 5:18 am	Ice Machine (Stand Alone), Consumption, Kitchen, , Ice Maker, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-2	EES-02 First-Draw	02/16/2022 5:18 am	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	4 ug/L	4.0 ug/L.
633075-3	EES-03 First-Draw	02/15/2022 5:00 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Cafeteria, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-4	EES-03BF First-Draw	02/16/2022 5:18 am	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Cafeteria, , Bottle Filler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-5	EES-04 First-Draw	02/16/2022 5:18 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.71 ug/L	
633075-6	EES-05 First-Draw	02/16/2022 5:18 am	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.1 ug/L	
633075-7	EES-06F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-8	EES-06S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-9	EES-07F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-10	EES-07S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-11	EES-08 First-Draw	02/16/2022 5:00 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-12	EES-09 First-Draw	02/16/2022 5:18 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
633075-13	EES-10 First-Draw	02/15/2022 5:00 am	Refrigerator Water Dispenser -- Not required if non-metal water line, Consumption, Teachers' Lounge/Break Room, , Water Dispenser, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.51 ug/L	
633075-14	EES-011 First-Draw	02/16/2022 5:18 am	Faucet, Cold, Consumption, Staff Workroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.9 ug/L	



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633075-15	EES-12F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L.
633075-16	EES-12S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.8 ug/L	
633075-17	EES-13F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.53 ug/L	
633075-18	EES-13S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
633075-19	EES-14F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.9 ug/L	
633075-20	EES-14S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2 ug/L	2.0 ug/L.
633075-21	EES-15F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.85 ug/L	
633075-22	EES-15S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
633075-23	EES-16F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
633075-24	EES-16S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.7 ug/L	
633075-25	EES-17F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
633075-26	EES-17S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
633075-27	EES-18F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.6 ug/L	
633075-28	EES-18S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.5 ug/L	



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633075-29	EES-19F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	5.7 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
633075-30	EES-19S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3 ug/L	3.0 ug/L.
633075-31	EES-20F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.74 ug/L	
633075-32	EES-20S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
633075-33	EES-21F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	5.4 ug/L	
633075-34	EES-21S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.3 ug/L	
633075-35	EES-22F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
633075-36	EES-22S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	
633075-37	EES-23F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.9 ug/L	
633075-38	EES-23S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	4.6 ug/L	



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633075-39	EES-26F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	9.6 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
633075-40	EES-26S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.7 ug/L	
633075-41	EES-27F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.6 ug/L	0.60 ug/L.
633075-42	EES-27S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
633075-43	EES-28F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-44	EES-28S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
633075-45	EES-29F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.6 ug/L	
633075-46	EES-29S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.9 ug/L	
633075-47	EES-30F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.66 ug/L	
633075-48	EES-30S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	
633075-49	EES-31F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.6 ug/L	



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633075-50	EES-31S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L.
633075-51	EES-32 First-Draw	02/15/2022 5:00 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-52	EES-33 First-Draw	02/15/2022 5:00 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-53	EES-34F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-54	EES-34S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.3 ug/L	
633075-55	EES-35F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-56	EES-35S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
633075-57	EES-36F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-58	EES-36S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
633075-59	EES-37F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-60	EES-37S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.84 ug/L	
633075-61	EES-39S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	4.3 ug/L	
633075-62	EES-40F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.68 ug/L	
633075-63	EES-40S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	3.1 ug/L	



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633075-64	EES-41F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.56 ug/L	
633075-65	EES-41S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
633075-66	EES-42F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.76 ug/L	
633075-67	EES-42S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2.4 ug/L	
633075-68	EES-43 First-Draw	02/15/2022 5:00 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-69	EES-44 First-Draw	02/15/2022 5:00 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-70	EES-45 First-Draw	02/16/2022 5:18 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.74 ug/L	
633075-71	EES-46F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
633075-72	EES-46S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2.7 ug/L	
633075-73	EES-47F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.8 ug/L	0.80 ug/L.
633075-74	EES-47S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
633075-75	EES-48F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2.8 ug/L	
633075-76	EES-48S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	4.1 ug/L	
633075-77	EES-49F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	



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633075-78	EES-49S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
633075-79	EES-50F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.8 ug/L	0.80 ug/L.
633075-80	EES-50S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L.
633075-81	EES-52F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2 ug/L	2.0 ug/L.
633075-82	EES-52S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	3.9 ug/L	
633075-83	EES-53F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2.8 ug/L	
633075-84	EES-53S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2.7 ug/L	
633075-85	EES-54F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.62 ug/L	
633075-86	EES-54S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.88 ug/L	
633075-87	EES-55F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	0.88 ug/L	
633075-88	EES-55S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	3.4 ug/L	
633075-89	EES-56F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
633075-90	EES-56S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	4.7 ug/L	
633075-91	EES-57F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2.2 ug/L	



CERTIFICATE OF ANALYSIS

Chain of Custody: 633075
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Elkridge Elementary School
Job Location: 7075 Montgomery Road, Elkridge, MD
21075
Job Number: 13.020
P.O. Number: Not Provided

Date Submitted: 02/18/2022
Date Analyzed: 02/24/2022
Report Date: 02/25/2022
Date Sampled: 02/15/2022 - 02/16/2022
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					
633075-92	EES-57S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	
633075-93	EES-58F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
633075-94	EES-58S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
633075-95	EES-59F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-96	EES-59S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633075-97	EES-60S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	2.6 ug/L	
633075-98	EES-61F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	0.8 ug/L	0.80 ug/L.
633075-99	EES-61S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
633075-100	EES-62F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1 ug/L	1.0 ug/L.
633075-101	EES-62S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, Ground Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
633075-102	EES-63F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	
633075-103	EES-63S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.69 ug/L	
633075-104	EES-64F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
633075-105	EES-64S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	



CERTIFICATE OF ANALYSIS

Chain of Custody: 633075
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Elkridge Elementary School
Job Location: 7075 Montgomery Road, Elkridge, MD
21075
Job Number: 13.020
P.O. Number: Not Provided

Date Submitted: 02/18/2022
Date Analyzed: 02/24/2022
Report Date: 02/25/2022
Date Sampled: 02/15/2022 - 02/16/2022
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					
633075-106	EES-65F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.93 ug/L	
633075-107	EES-65S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
633075-108	EES-66F First-Draw	02/15/2022 5:00 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.6 ug/L	
633075-109	EES-66S First-Draw	02/16/2022 5:18 am	Combination Sink - Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
633075-110	EES-67 First-Draw	02/16/2022 5:18 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.1 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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