



CERTIFICATE OF ANALYSIS

Chain of Custody: 633086
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Northfield Elementary School
Job Location: 9125 Northfield Road, Ellicott City,
MD 21042
Job Number: 13.048
P.O. Number: Not Provided

Date Submitted: 02/18/2022
Date Analyzed: 02/22/2022
Report Date: 02/23/2022
Date Sampled: 02/17/2022 - 02/18/2022
Person Submitting: Jeff Klenk

Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Date/Time	Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
633086-1	NFES-1 Flush	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
633086-2	NFES-2 First-Draw	02/17/2022 5:20 pm	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Kitchen, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-3	NFES-2BW First-Draw	02/18/2022 5:12 pm	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	
633086-4	NFES-3 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-5	NFES-4 First-Draw	02/17/2022 5:20 pm	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-6	NFES-5 First-Draw	02/17/2022 5:20 pm	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-7	NFES-6 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	
633086-8	NFES-7 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-9	NFES-8 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-10	NFES-9F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.59 ug/L	
633086-11	NFES-9S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-12	NFES-10F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-13	NFES-10S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-14	NFES-11F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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633086-15	NFES-11S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-16	NFES-12F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.52 ug/L	
633086-17	NFES-12S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-18	NFES-13F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-19	NFES-13S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-20	NFES-14 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-21	NFES-15 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-22	NFES-16 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-23	NFES-17F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-24	NFES-17S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-25	NFES-18F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-26	NFES-18S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-27	NFES-19F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-28	NFES-19S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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633086-29	NFES-20F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-30	NFES-20S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-31	NFES-21F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-32	NFES-21S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-33	NFES-22 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-34	NFES-23 First-Draw	02/17/2022 5:20 pm	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-35	NFES-24F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-36	NFES-24S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-37	NFES-25F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-38	NFES-25S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-39	NFES-26F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-40	NFES-26S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-41	NFES-27F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.73 ug/L	
633086-42	NFES-27S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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633086-43	NFES-28F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	98 ug/L	98.4 ug/L. This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
633086-44	NFES-28S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	24 ug/L	24.0 ug/L. This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
633086-45	NFES-29F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	2.7 ug/L	
633086-46	NFES-29S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-47	NFES-30 First-Draw	02/17/2022 5:20 pm	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain , Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-48	NFES-31 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-49	NFES-32F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-50	NFES-32S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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AMA Sample Number	Client Sample Number	Sample Collection Information		Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
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633086-51	NFES-33F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-52	NFES-33S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-53	NFES-34F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-54	NFES-34S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-55	NFES-35F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-56	NFES-35S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-57	NFES-36 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Office, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-58	NFES-37F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-59	NFES-37S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-60	NFES-38 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-61	NFES-39F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-62	NFES-39S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-63	NFES-40F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-64	NFES-40S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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633086-65	NFES-41F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-66	NFES-41S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-67	NFES-42F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-68	NFES-42S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-69	NFES-43 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-70	NFES-44F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-71	NFES-44S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-72	NFES-45F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-73	NFES-45S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-74	NFES-46F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-75	NFES-46S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-76	NFES-47 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-77	NFES-48 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-78	NFES-49S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	



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633086-79	NFES-50F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-80	NFES-50S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-81	NFES-51F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.9 ug/L	
633086-82	NFES-51S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.53 ug/L	
633086-83	NFES-52F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
633086-84	NFES-52S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-85	NFES-53F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-86	NFES-53S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.66 ug/L	
633086-87	NFES-54F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.98 ug/L	
633086-88	NFES-54S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.92 ug/L	
633086-89	NFES-55F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.96 ug/L	
633086-90	NFES-55S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-91	NFES-56F First-Draw	02/17/2022 5:20 pm	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-92	NFES-56S First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Classroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



CERTIFICATE OF ANALYSIS

Chain of Custody: 633086
Client: Howard County Public School System
Address: 10910 Route 108
Ellicott City, MD 21042
Attention: Jeff Klenk

Job Name: Northfield Elementary School
Job Location: 9125 Northfield Road, Ellicott City,
MD 21042
Job Number: 13.048
P.O. Number: Not Provided

Date Submitted: 02/18/2022
Date Analyzed: 02/22/2022
Report Date: 02/23/2022
Date Sampled: 02/17/2022 - 02/18/2022
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					
633086-93	NFES-57 First-Draw	02/17/2022 5:20 pm	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-94	NFES-58 First-Draw	02/17/2022 5:20 pm	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
633086-95	NFES-59 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.71 ug/L	
633086-96	NFES-60 First-Draw	02/18/2022 5:12 pm	Faucet, Cold, Consumption, Storage Room/Area, , Sink, Main Bldg, 1st Floor	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)

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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