

CERTIFICATE OF ANALYSIS

Chain of Custody: 656123	Job Name: Northfield Elementary School	Date Submitted: 03/08/2024
Client: Howard County Public School System	Job Location: 9125 Northfield Road, Ellicott City, MD 21042	Date Analyzed: 03/15/2024
Address: 10910 Route 108 Ellicott City Maryland 21042	Job Number: 13.048	Report Date: 03/15/2024
Attention: Christopher Madden	P.O. Number: Not Provided	Date Sampled: 03/06/2024 - 03/08/2024
		Person Submitting: John D. Farmer, III

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
656123-1	1: NFES-1 Flush	03/08/2024 6:19 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Right Hand Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-2	2: NFES-2 First-Draw	03/08/2024 5:09 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-3	3: NFES-2BW First-Draw	03/06/2024 7:23 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Cafeteria, , Bottle Filler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-4	4: NFES-3 First-Draw	03/08/2024 5:11 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-5	5: NFES-4 First-Draw	03/08/2024 5:12 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-6	6: NFES-5 First-Draw	03/08/2024 5:13 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-7	7: NFES-6 First-Draw	03/08/2024 5:16 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	1.4 ug/L	
656123-8	8: NFES-7 First-Draw	03/08/2024 5:18 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-9	9: NFES-9F First-Draw	03/08/2024 5:19 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-10	10: NFES-10F First-Draw	03/08/2024 5:20 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-11	11: NFES-11F First-Draw	03/08/2024 5:21 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-12	12: NFES-12F First-Draw	03/08/2024 5:22 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-13	13: NFES-13F First-Draw	03/08/2024 5:24 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	

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656123-14	14: NFES-14 First-Draw	03/08/2024 5:25 AM	Faucet, Cold, Yes (= Consumption), Media Center, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-15	15: NFES-17F First-Draw	03/08/2024 5:27 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-16	16: NFES-18F First-Draw	03/08/2024 5:28 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-17	17: NFES-19F First-Draw	03/08/2024 5:29 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-18	18: NFES-20F First-Draw	03/08/2024 5:30 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-19	19: NFES-23 First-Draw	03/08/2024 5:35 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-20	20: NFES-24F First-Draw	03/08/2024 5:34 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-21	21: NFES-25F First-Draw	03/08/2024 5:36 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-22	22: NFES-26F First-Draw	03/08/2024 5:36 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-23	23: NFES-27F First-Draw	03/08/2024 5:37 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	1.2 ug/L	
656123-24	24: NFES-29F First-Draw	03/08/2024 5:40 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-25	25: NFES-30 First-Draw	03/08/2024 5:42 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	2.6 ug/L	

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656123-26	26: NFES-32F First-Draw	03/08/2024 5:43 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-27	27: NFES-33F First-Draw	03/08/2024 5:44 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-28	28: NFES-34F First-Draw	03/08/2024 5:45 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-29	29: NFES-35F First-Draw	03/08/2024 5:46 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-30	30: NFES-37F First-Draw	03/08/2024 5:48 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-31	31: NFES-39F First-Draw	03/08/2024 5:50 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-32	32: NFES-40F First-Draw	03/08/2024 5:51 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-33	33: NFES-41F First-Draw	03/08/2024 5:52 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-34	34: NFES-42F First-Draw	03/08/2024 5:53 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-35	35: NFES-44F First-Draw	03/08/2024 5:55 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-36	36: NFES-45F First-Draw	03/08/2024 5:56 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-37	37: NFES-46F First-Draw	03/08/2024 5:57 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	

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656123-38	38: NFES-49F First-Draw	03/08/2024 6:00 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-39	39: NFES-50F First-Draw	03/08/2024 6:01 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-40	40: NFES-51F First-Draw	03/08/2024 6:05 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-41	41: NFES-52F First-Draw	03/08/2024 6:06 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-42	42: NFES-53F First-Draw	03/08/2024 6:07 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-43	43: NFES-54F First-Draw	03/08/2024 6:08 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-44	44: NFES-55F First-Draw	03/08/2024 6:09 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-45	45: NFES-56F First-Draw	03/08/2024 6:11 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-46	46: NFES-57 First-Draw	03/08/2024 6:12 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-47	47: NFES-58 First-Draw	03/08/2024 6:13 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
656123-48	48: NFES-59 First-Draw	03/08/2024 6:16 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	

Analysis Method: APHA SM 3113B (GFAA)

Preparation Method: None

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

Sample Collector: Christopher Madden & John D. Farmer, III (BWs)

Certification:

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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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