

## CERTIFICATE OF ANALYSIS

<b>Chain of Custody:</b> 652923	<b>Job Name:</b> Running Brook Elementary School	<b>Date Submitted:</b> 11/17/2023
<b>Client:</b> Howard County Public School System	<b>Job Location:</b> 5215 W Running Brook Road, Columbia, MD 21044	<b>Date Analyzed:</b> 11/26/2023
<b>Address:</b> 10910 Route 108 Ellicott City Maryland 21042	<b>Job Number:</b> 13.066	<b>Report Date:</b> 11/28/2023
<b>Attention:</b> Christopher Madden	<b>P.O. Number:</b> Not Provided	<b>Date Sampled:</b> 11/17/2023 <b>Person Submitting:</b> 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
652923-1	25: RBES-1 First-Draw	11/17/2023 5:26:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	1.1 ug/L	
652923-2	26: RBES-2 First-Draw	11/17/2023 5:27:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-3	24: RBES-3 First-Draw	11/17/2023 5:25:00 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	9.2 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
652923-4	23: RBES-4 First-Draw	11/17/2023 5:24:00 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-5	21: RBES-6F First-Draw	11/17/2023 5:22:00 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	
652923-6	20: RBES-7F First-Draw	11/17/2023 5:21:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-7	19: RBES-8 First-Draw	11/17/2023 5:20:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-8	18: RBES-10F First-Draw	11/17/2023 5:19:00 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	
652923-9	17: RBES-11F First-Draw	11/17/2023 5:19:00 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	
652923-10	16: RBES-13 First-Draw	11/17/2023 5:18:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-11	15: RBES-14 First-Draw	11/17/2023 5:18:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-12	13: RBES-15F First-Draw	11/17/2023 5:16:00 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	

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652923-13	12: RBES-16F First-Draw	11/17/2023 5:15:00 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	
652923-14	11: RBES-17F First-Draw	11/17/2023 5:15:00 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	
652923-15	14: RBES-18F First-Draw	11/17/2023 5:17:00 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	
652923-16	10: RBES-20F First-Draw	11/17/2023 5:14:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-17	9: RBES-21F First-Draw	11/17/2023 5:13:00 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	
652923-18	8: RBES-22F First-Draw	11/17/2023 5:12:00 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	
652923-19	6: RBES-24 First-Draw	11/17/2023 5:09:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-20	7: RBES-25 First-Draw	11/17/2023 5:10:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-21	5: RBES-26F First-Draw	11/17/2023 5:08:00 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	
652923-22	4: RBES-27F First-Draw	11/17/2023 5:07:00 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	
652923-23	3: RBES-28F First-Draw	11/17/2023 5:06:00 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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652923-24	2: RBES-29F First-Draw	11/17/2023 5:05:00 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	
652923-25	22: RBES-30 First-Draw	11/17/2023 5:23:00 AM	Faucet, Cold, Yes (= Consumption), Office, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	1.7 ug/L	
652923-26	1: RBES-31 First Draw	11/17/2023 5:04:00 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-27	31: RBES-32F First-Draw	11/17/2023 5:34:00 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	
652923-28	29: RBES-33 First-Draw	11/17/2023 5:32:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-29	30: RBES-34 First-Draw	11/17/2023 5:33:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652923-30	28: RBES-35F First-Draw	11/17/2023 5:32:00 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	
652923-31	27: RBES-36F First-Draw	11/17/2023 5:31:00 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	
652923-32	33: RBES-37F First-Draw	11/17/2023 5:36:00 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	
652923-33	32: RBES-38F First-Draw	11/17/2023 5:35:00 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	

Analysis Method: APHA SM 3113B (GFAA)  
mg/L = Parts Per Million (ppm), N/A = Not Applicable, µg/L = Parts Per Billion, N/P = Not Provided

Sample Collector: Shannon King  
Certification:

**Analyst(s):** Nida McGarvey

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.