

CERTIFICATE OF ANALYSIS

Chain of Custody: 652920	Job Name: Cradlerock Elementary School	Date Submitted: 11/17/2023
Client: Howard County Public School System	Job Location: 6700 Cradlerock Way, Columbia, MD 21045	Date Analyzed: 11/25/2023
Address: 10910 Route 108 Ellicott City Maryland 21042	Job Number: 13.035	Report Date: 11/28/2023
Attention: Christopher Madden	P.O. Number: Not Provided	Date Sampled: 11/15/2023 - 11/16/2023
		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
		AM	Main Bldg, 1st Floor					Outlet was out of order at time of sampling. Consultant erroneously sampled a non-consumption outlet.
652920-2	17: CRES-3 Flush	11/16/2023 04:49:00 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652920-3	6: CRES-4 First-Draw	11/15/2023 05:27:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Cafeteria, , Bubbler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652920-4	18: CRES-4BW First-Draw	11/16/2023 04:55:00 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	
652920-5	3: CRES-5F First-Draw	11/15/2023 05:24:00 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	
652920-6	5: CRES-6F First-Draw	11/15/2023 05:26:00 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	
652920-7	2: CRES-7F First-Draw	11/15/2023 05:23:00 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	
652920-8	4: CRES-8 First-Draw	11/15/2023 05:25:00 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	
652920-9	1: CRES-9F First-Draw	11/15/2023 05:22:00 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	
652920-10	15: CRES-10 First-Draw	11/15/2023 05:41:00 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652920-11	16: CRES-11 First-Draw	11/15/2023 05:43:00 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652920-12	8: CRES-12F First-Draw	11/15/2023 05:31:00 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	
652920-13	9: CRES-13 First-Draw	11/15/2023 05:33:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Bubblers Style (Non-Refrigerated), Yes (=	Furnace AA	Lead	1 ug/L	<1 ug/L	

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AMA Sample Number	Client Sample Number	Date/Time	Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
			Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor					
652920-14	19: CRES-13BW First-Draw	11/16/2023 04:53:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, , Bottle Filler, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
652920-15	10: CRES-14F First-Draw	11/15/2023 05:34:00 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	
652920-16	11: CRES-15F First-Draw	11/15/2023 05:35:00 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	
652920-17	12: CRES-16F First-Draw	11/15/2023 05:36:00 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	
652920-18	13: CRES-17F First-Draw	11/15/2023 05:37:00 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	
652920-19	14: CRES-18 First-Draw	11/15/2023 05:38:00 AM	Faucet, Cold, Yes (= Consumption), Office, , Sink, 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 & John Farmer (BW & Flush Sample(s))
Certification:

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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