

CERTIFICATE OF ANALYSIS

Chain of Custody:	652093	Job Name:	Pointers Run Elementary School	Date Submitted:	10/20/2023
Client:	Howard County Public School System	Job Location:	6600 South Trotter Road, Clarksville, MD 21029	Date Analyzed:	10/27/2023
Address:	10910 Route 108 Ellicott City Maryland 21042	Job Number:	Not Provided	Report Date:	10/27/2023
Attention:	Christopher Madden	P.O. Number:	Not Provided	Date Sampled:	10/11/2023
				Person Submitting:	John Farmer

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
652093-1	1: PRES-1A First-Draw	10/11/2023 4:54:00 AM	Commercial Sprayer, Cold, Yes (= Consumption), Kitchen, , Sprayer, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.53 ug/L	
652093-2	2: PRES-1B First-Draw	10/11/2023 4:55:00 AM	Multiple Compartment Sink - Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.96 ug/L	
652093-3	3: PRES-2 First-Draw	10/11/2023 4:57:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
652093-4	4: PRES-2BW First-Draw	10/13/2023 6:09:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, , Bottle Filler, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.58 ug/L	
652093-5	5: PRES-3 First-Draw	10/11/2023 4:59:00 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.66 ug/L	
652093-6	6: PRES-4 First-Draw	10/11/2023 5:00:00 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.85 ug/L	
652093-7	7: PRES-5F First-Draw	10/11/2023 5:02:00 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	2.7 ug/L	
652093-9	9: PRES-9F First-Draw	10/11/2023 5:03:00 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	2.0 ug/L	
652093-10	10: PRES-15F First-Draw	10/11/2023 5:07:00 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	2.1 ug/L	
652093-11	11: PRES-16 First-Draw	10/11/2023 5:08:00 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.58 ug/L	
652093-12	12: PRES-17 First-Draw	10/11/2023 5:44:00 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.64 ug/L	
652093-13	13: PRES-18F First-Draw	10/11/2023 5:45:00 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	5.3 ug/L	

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652093-14	14: PRES-22F First-Draw	10/11/2023 5:46:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	2.8 ug/L	
652093-15	15: PRES-29 First-Draw	10/11/2023 5:10:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Bubblers, Main, 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.
652093-16	16: PRES-29BW First-Draw	10/13/2023 6:10:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, , Bottle Filler, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.67 ug/L	
652093-17	17: PRES-30 First-Draw	10/11/2023 5:11:00 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.63 ug/L	
652093-18	18: PRES-36F First-Draw	10/11/2023 5:13:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 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.
652093-19	19: PRES-37 First-Draw	10/11/2023 5:14:00 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
652093-20	20: PRES-43 First-Draw	10/11/2023 5:48:00 AM	Faucet, Cold, Yes (= Consumption), Media Center, , Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	9.9 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
652093-21	21: PRES-44 First-Draw	10/11/2023 5:18:00 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.92 ug/L	
652093-22	22: PRES-47F First-Draw	10/11/2023 5:21:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	3.3 ug/L	
652093-23	23: PRES-48F First-Draw	10/11/2023 5:23:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	3.1 ug/L	
652093-24	24: PRES-51F First-Draw	10/11/2023 5:24:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	3.2 ug/L	
652093-25	25: PRES-52 First-Draw	10/11/2023 5:25:00 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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652093-26	26: PRES-54F First-Draw	10/11/2023 5:28:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
652093-27	27: PRES-55F First-Draw	10/11/2023 5:28:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.2 ug/L	
652093-28	28: PRES-56F First-Draw	10/11/2023 5:29:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	3.1 ug/L	
652093-29	29: PRES-59F First-Draw	10/11/2023 5:31:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
652093-30	30: PRES-60F First-Draw	10/11/2023 5:33:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	3.9 ug/L	
652093-31	31: PRES-62F First-Draw	10/11/2023 5:35:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.54 ug/L	
652093-32	32: PRES-63F First-Draw	10/11/2023 5:36:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.78 ug/L	
652093-33	33: PRES-64F First-Draw	10/11/2023 5:38:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.0 ug/L	
652093-34	34: PRES-65F First-Draw	10/11/2023 5:39:00 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
652093-35	35: PRES-66 First-Draw	10/11/2023 5:40:00 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.67 ug/L	
652093-36	36: PRES-67 First-Draw	10/11/2023 5:41:00 AM	Faucet, Cold, Yes (= Consumption), Office, , Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.61 ug/L	
652093-37	37: PRES-68 First-Draw	10/11/2023 5:42:00 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, , Sink, Main, 1st Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
652093-38	38: PRES-69 First-Draw	10/11/2023 4:53:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	



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652093-39	39: PRES-61F First-Draw	10/11/2023 5:30:00 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

Analysis Method: ICP: EPA 200.8 (Rev. 5.4)

Preparation Method: None

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

Analyst(s): Paul Littleton

Sample Collector: Shannon King/John Farmer (BW Samples)

Certification:

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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