

CERTIFICATE OF ANALYSIS

Chain of Custody: 657447	Job Name: Patuxent Valley Middle School	Date Submitted: 04/26/2024
Client: Howard County Public School System	Job Location: 9151 Vollmerhausen Road, Savage, MD 20763	Date Analyzed: 05/06/2024
Address: 10910 Route 108 Ellicott City Maryland 21042	Job Number: 13.041	Report Date: 05/07/2024
Attention: Christopher Madden	P.O. Number: Not Provided	Date Sampled: 04/24/2024 - 04/25/2024
		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
657447-1	1: PVMS-1 Flush	04/25/2024 6:31 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Right Hand Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-2	2: PVMS-2 First-Draw	04/25/2024 5:23 AM	Ice Machine (Stand Alone), Yes (= Consumption), Kitchen, , Ice Maker, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-3	3: PVMS-3 First-Draw	04/25/2024 5:24 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-4	4: PVMS-4 First-Draw	04/25/2024 5:25 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-5	5: PVMS-5 First-Draw	04/25/2024 5:26 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-6	6: PVMS-6 First-Draw	04/25/2024 5:27 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	1.2 ug/L	
657447-7	7: PVMS-7 First-Draw	04/25/2024 5:28 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-8	8: PVMS-8 First-Draw	04/25/2024 5:29 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-9	9: PVMS-9 First-Draw	04/25/2024 5:29 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-10	10: PVMS-10 First-Draw	04/25/2024 5:32 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	
657447-11	11: PVMS-11 First-Draw	04/25/2024 5:33 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	
657447-12	12: PVMS-12 First-Draw	04/25/2024 5:36 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-13	13: PVMS-13 First-Draw	04/25/2024 5:40 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	

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657447-14	14: PVMS-14 First-Draw	04/25/2024 5:42 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-15	15: PVMS-15 First-Draw	04/25/2024 5:44 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	
657447-16	16: PVMS-16 First-Draw	04/25/2024 5:45 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	2.4 ug/L	
657447-17	17: PVMS-18 First-Draw	04/25/2024 6:07 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-18	18: PVMS-18BW First-Draw	04/24/2024 7:02 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, , Bottle Filler, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-19	19: PVMS-19 First-Draw	04/25/2024 5:56 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), , Sink, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-20	20: PVMS-20 First-Draw	04/25/2024 5:56 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), , Sink, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-21	21: PVMS-21 First-Draw	04/25/2024 5:57 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), , Sink, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-22	22: PVMS-22 First-Draw	04/25/2024 5:58 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), , Sink, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-23	23: PVMS-23 First-Draw	04/25/2024 5:59 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), , Sink, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-24	24: PVMS-24 First-Draw	04/25/2024 6:01 AM	Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), , Sink, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-25	25: PVMS-25F First-Draw	04/25/2024 5:50 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-26	26: PVMS-27 First-Draw	04/25/2024 6:05 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	

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657447-27	27: PVMS-28 First-Draw	04/25/2024 6:05 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-28	28: PVMS-30S First-Draw	04/24/2024 6:55 AM	Combination Sink - Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-29	29: PVMS-30F First-Draw	04/25/2024 6:11 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Nurse's Office/Health Room, , Bubblers, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-30	30: PVMS-31 First-Draw	04/25/2024 6:17 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-31	31: PVMS-32 First-Draw	04/25/2024 6:19 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	
657447-32	32: PVMS-33 First-Draw	04/25/2024 6:19 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	
657447-33	33: PVMS-35 First-Draw	04/25/2024 6:20 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	
657447-34	34: PVMS-36 First-Draw	04/25/2024 6:21 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	
657447-35	35: PVMS-37 First-Draw	04/25/2024 6:23 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	
657447-36	36: PVMS-38 First-Draw	04/25/2024 6:24 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	
657447-37	37: PVMS-39F First-Draw	04/25/2024 6:25 AM	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubblers, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-38	38: PVMS-39S First-Draw	04/24/2024 6:59 AM	Combination Sink - Faucet, Cold, Yes (= Consumption), Classroom, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	

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657447-39	39: PVMS-40 First-Draw	04/25/2024 6:28 AM	Faucet, Cold, Yes (= Consumption), Media Center, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-40	40: PVMS-42 First-Draw	04/25/2024 5:51 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-41	41: PVMS-43 First-Draw	04/25/2024 5:51 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Fountain, Main Bldg, 2nd Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-42	42: PVMS-44 First-Draw	04/25/2024 6:15 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-43	43: PVMS-45 First-Draw	04/25/2024 5:40 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, , Fountain, Main Bldg, 1st Floor	Furnace AA	Lead	1 ug/L	<1 ug/L	
657447-44	44: PVMS-46 First-Draw	04/25/2024 5:42 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Locker Room, , Fountain, 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
Certification:

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

Analyst(s): Nida McGarvey


Technical Director _____
George Land

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