

Maryland **Water Quality** Lab #262W

NY ELAP

Chain of Custody: 656117 Job Name:

Job Number:

Hammond Elementary

School

8110 Aladdin Drive, Laurel, Job Location:

Date Analyzed:

03/13/2024

03/08/2024

Address:

Client:

10910 Route 108 Ellicott City

Howard County Public School System

MD 20723 13.064

03/15/2024 **Report Date:**

Date Submitted:

Maryland 21042 Christopher Madden Attention:

P.O. Number: Not Provided **Date Sampled:** 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
656117-1	1: HES-1 Flush	03/08/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.59 ug/L	
656117-2	2: HES-2 Flush	03/08/2024 7:01 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.7 ug/L	
656117-3	3: HES-3 First-Draw	03/08/2024 6:58 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.80 ug/L	
656117-4	4: HES-3BW First- Draw	03/06/2024 6:58 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Cafeteria, , Bottle Filler, Main Bldg, 1st Floor	ICP	ICP Lead 0.5 ug/L		1.8 ug/L	
656117-5	5: HES-4 First-Draw	03/08/2024 6:20 AM	Drinking Water Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	ICP Lead 0.5 ug/L		0.70 ug/L	
656117-6	6: HES-7 First-Draw	03/08/2024 6:28 AM	Drinking Water Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-7	7: HES-8 First-Draw	03/08/2024 6:22 AM	Drinking Water Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-8	8: HES-9 First-Draw	03/08/2024 6:22 AM	Drinking Water Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-9	9: HES-10 First-Draw	03/08/2024 6:23 AM	Drinking Water Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-10	10: HES-11 First- Draw	03/08/2024 6:23 AM	Drinking Water Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-11	11: HES-12F First- Draw	03/08/2024 6:25 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-12	12: HES-13F First- Draw	03/08/2024 6:25 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	



Maryland 21042

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CERTIFICATE OF ANALYSIS

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03/08/2024

Client: Howard County Public School System 8110 Aladdin Drive, Laurel, 03/13/2024 Date Analyzed: Job Location: MD 20723

10910 Route 108 Ellicott City 03/15/2024 Job Number: 13.064 **Report Date:**

Christopher Madden **Date Sampled:** 03/08/2024 Attention: P.O. Number: Not Provided

> **Person Submitting:** John D. Farmer, III

Summary of Drinking Water Analysis for Metals

AMA Sample	Client Sample	Date/Time	Location	Analysis	Sample	Reporting	Final	Comments	
Number	Number			Туре	Analyte	Limit	Result		
	13: HES-15F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-13	Draw	03/08/2024 6:26 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	14: HES-16F First- Draw		Combination Sink - Fountain - Bubbler Style (Non-						
656117-14		03/08/2024 6:26 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	15: HES-17F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-15	Draw	03/08/2024 6:29 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	16: HES-18F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-16	Draw	03/08/2024 6:29 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	ICP Lead 0.5 ug	0.5 ug/L	L <0.5 ug/L		
	Diaw		Bubbler, Main Bldg, 1st Floor						
	17: HES-19F First- Draw	17: UEC 10E Eirct		Combination Sink - Fountain - Bubbler Style (Non-					
656117-17		03/08/2024 6:31 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP Lead	0.5 ug/L	<0.5 ug/L			
			Bubbler, Main Bldg, 1st Floor						
656117-18	18: HES-20F First- Draw	First- 03/08/2024 6:32 AM	Combination Sink - Fountain - Bubbler Style (Non-						
			Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	19: HES-21F First- Draw		Combination Sink - Fountain - Bubbler Style (Non-						
656117-19		03/08/2024 6:33 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	20: HES-22F First- Draw	O. LIEC 225 5:	Combination Sink - Fountain - Bubbler Style (Non-						
656117-20		03/08/2024 6:36 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	24 UEC 225 5'		Combination Sink - Fountain - Bubbler Style (Non-						
656117-21	21: HES-23F First-	03/08/2024 6:36 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
	Draw		Bubbler, Main Bldg, 1st Floor			_	_		
			Combination Sink - Fountain - Bubbler Style (Non-						
656117-22	22: HES-24F First-	03/08/2024 6:37 AM	Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
	Draw	Bubbler, Main Bldg, 1st Floor		<u>-</u>	<u>-</u>				
		Combination Sink - Found	Combination Sink - Fountain - Bubbler Style (Non-						
656117-23	23: HES-25F First- Draw	03/08/2024 6:37 AM	Refrigerated), Yes (= Consumption), Classroom,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
		•	Bubbler, Main Bldg, 1st Floor			<u>-</u>	<u>-</u>		
			Combination Sink - Fountain - Bubbler Style (Non-						
656117-24	24: HES-26F First- Draw	03/08/2024 6:33 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	0.69 ug/L		
			Bubbler, Main Bldg, 1st Floor			0,			



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Attention: Christopher Madden

P.O. Number: Not Provided

Date Sampled: Person Submitting:

John D. Farmer, III

Summary of Drinking Water Analysis for Metals

AMA Sample	Client Sample	Date/Time	Location	Analysis	Sample	Reporting	Final	Comments	
Number	Number			Туре	Analyte	Limit	Result		
	25: HES-27F First- Draw		Combination Sink - Fountain - Bubbler Style (Non-						
656117-25		03/08/2024 6:34 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
	Diaw		Bubbler, Main Bldg, 1st Floor						
	26: HES-28F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-26	Draw	03/08/2024 6:39 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
	Diaw		Bubbler, Main Bldg, 1st Floor						
	27: HES-29F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-27	Draw	03/08/2024 6:39 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
	Diaw		Bubbler, Main Bldg, 1st Floor						
	28: HES-30F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-28	Draw	03/08/2024 6:42 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
	Diaw		Bubbler, Main Bldg, 1st Floor						
	29: HES-31F First- Draw	29. HES-31F First-		Combination Sink - Fountain - Bubbler Style (Non-					
656117-29		03/08/2024 6:44 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	30: HES-32F First- Draw		Combination Sink - Fountain - Bubbler Style (Non-						
656117-30		03/08/2024 6:45 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	31: HES-33F First- Draw	03/08/2024 6·45 AM	Combination Sink - Fountain - Bubbler Style (Non-						
656117-31			Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	32: HES-34F First- Draw		Combination Sink - Fountain - Bubbler Style (Non-						
656117-32		03/08/2024 6:49 AM	Refrigerated), Yes (= Consumption), Classroom, ,	Classroom, , ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	33: HES-35F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-33	Draw	03/08/2024 6:48 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	34: HES-36F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-34	Draw	03/08/2024 6:49 AM	Refrigerated), Yes (= Consumption), Classroom, , ICP	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	35: HES-37F First-	FS_37F Firet_	Combination Sink - Fountain - Bubbler Style (Non-						
656117-35	Draw	03/08/2024 6:50 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
			Bubbler, Main Bldg, 1st Floor						
	36: HES-38F First-		Combination Sink - Fountain - Bubbler Style (Non-						
656117-36	Draw	03/08/2024 6:50 AM	Refrigerated), Yes (= Consumption), Classroom, ,	ICP	Lead	0.5 ug/L	<0.5 ug/L		
	DidW		Bubbler, Main Bldg, 1st Floor						



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Summary of Drinking Water Analysis for Metals

Not Provided

AMA Sample Number	Client Sample Number	Date/Time	Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
656117-37	37: HES-39F First- Draw	03/08/2024 6:51 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-38	38: HES-40F First- Draw	03/08/2024 6:52 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-39	39: HES-41F First- Draw	03/08/2024 6:52 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-40	40: HES-42 First- Draw	03/08/2024 6:13 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-41	41: HES-44 First- Draw	03/08/2024 6:17 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-42	42: HES-45F First- Draw	03/08/2024 6:17 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Nurse's Office/Health Room, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
656117-43	43: HES-46 First- Draw	03/08/2024 6:25 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
656117-44	44: HES-49F First- Draw	03/08/2024 6:15 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.56 ug/L	
656117-45	45: HES-50 First- Draw	03/08/2024 6:17 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	4.2 ug/L	

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

Preparation Method: None

 $mg/L = Parts Per Million (ppm), N/A = Not Applicable, <math>\mu g/L = Parts Per Billion, N/P = Not Provided$

Sample Collector: Maria Burnette & John D. Farmer, III (BWs)

Certification:

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

or Deputy.

Analyst(s): Paul Littleton



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AMA Sample	Client Sample	Date/Time	Location		Analysis	Sample	Reporting	Final	Comments
Number	Number				Туре	Analyte	Limit	Result	

Not Provided

Technical

Director George Land

Goorge Smal

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