

Maryland **Water Quality** Lab #262W

Chain of Custody: 674609 Job Name:

Thunderhill Elementary

Date Submitted:

11/12/2025

NY ELAP

Client: Howard County Public School System School 9357 Mellenbrook Road,

Date Analyzed:

12/03/2025

Address:

Attention:

10910 Clarksville Pike Ellicott City

Columbia, MD 21045 13.075

Report Date:

12/04/2025

MD 21042

Christopher Madden

Job Number: P.O. Number:

Job Location:

Not Provided

Date Sampled:

11/05/2025 - 11/06/2025

Person Submitting:

Joel Ortiz

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
674609-1	: THES-1 Flush	11/06/2025 6:23 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-2	: THES-2 Flush	11/06/2025 6:25 AM	Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	5.5 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
674609-3	: THES-3 First-Draw	11/06/2025 5:24 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-4	: THES-3BW First- Draw	11/05/2025 6:47 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Cafeteria, See Floor Plan, Bottle Filler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-5	: THES-4 First-Draw	11/06/2025 5:26 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-6	: THES-5F First-Draw	11/06/2025 5:28 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-7	: THES-6F First-Draw	11/06/2025 5:30 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-8	: THES-7F First-Draw	11/06/2025 5:31 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-9	: THES-8F First-Draw	11/06/2025 5:38 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-10	: THES-9F First-Draw	11/06/2025 5:39 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-11	: THES-10F First- Draw	11/06/2025 5:40 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-12	: THES-11F First- Draw	11/06/2025 5:41 AM	Combination Sink - Fountain - Bubbler Style (Non- Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.51 ug/L	



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MD 21042

Christopher Madden Attention:

P.O. Number: Not Provided **Date Sampled:**

11/05/2025 - 11/06/2025

Joel Ortiz **Person Submitting:**

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	
674609-13	: THES-12F First- Draw	44/06/0005 5 40 444	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L		
		11/06/2025 5:43 AM	Refrigerated), Yes (= Consumption), Classroom, See				<0.5 ug/L	
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
674600 44	: THES-13 First-Draw	44/06/0005 5 40 444	Drinking Water Fountain - Cooler/Chiller Style	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-14		11/06/2025 5:43 AM	(Refrigerated), Yes (= Consumption), Hallway, See					
			Floor Plan, Fountain, Main Bldg, 1st Floor					
674609-15	: THES-14 First-Draw	11/06/2025 5:45 AM	Faucet, Cold, Yes (= Consumption), Classroom, See	ICP	ICP Lead	0.5 ug/L	<0.5 ug/L	
		. ,	Floor Plan, Sink, Main Bldg, 1st Floor					
	: THES-15F First-		Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-16	Draw	11/06/2025 5:47 AM	Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-16F First-	11/06/2025 5:48 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP L			<0.5 ug/L	
674609-17	Draw		Refrigerated), Yes (= Consumption), Classroom, See		Lead	0.5 ug/L		
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-17F First- Draw	11/06/2025 5:48 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP		0.5 ug/L	<0.5 ug/L	
674609-18			Refrigerated), Yes (= Consumption), Classroom, See		Lead			
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-20F First- Draw	11/06/2025 5:51 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-19			Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-21F First- Draw	11/06/2025 5:52 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-20			Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-22F First- Draw	11/06/2025 5:54 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-21			Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-23F First- Draw	11/06/2025 5:55 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-22			Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-24F First- Draw	11/06/2025 5:56 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-23			Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor			-	-	
			Combination Sink - Fountain - Bubbler Style (Non-					
674609-24	: THES-25F First-	11/06/2025 5:57 AM	Refrigerated), Yes (= Consumption), Classroom, See	ICP	Lead	0.5 ug/L	<0.5 ug/L	
	Draw	Draw		Floor Plan, Bubbler, Main Bldg, 1st Floor			Ç.	0, -



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Joel Ortiz **Person Submitting:**

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
Number			Combination Sink - Fountain - Bubbler Style (Non-	туре	Analyte	LIIIII	nesuit	
674609-25	: THES-27F First- Draw	11/06/2025 5:59 AM	Refrigerated), Yes (= Consumption), Classroom, See	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-29F First- Draw	11/06/2025 6:00 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-26			Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	THE 205 5: .		Combination Sink - Fountain - Bubbler Style (Non-					
674609-27	: THES-30F First- Draw	11/06/2025 6:01 AM	Refrigerated), Yes (= Consumption), Classroom, See	ICP	Lead	0.5 ug/L	<0.5 ug/L	
	Diaw		Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-31F First-	11/06/2025 6:02 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-28	Draw		Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
674609-29	: THES-32 First-Draw	11/06/2025 6:04 AM	Faucet, Cold, Yes (= Consumption), Classroom, See	ICP	Lead	0.5 ug/L	0.62 ug/L	
		11/00/2023 0.0 17(1)	Floor Plan, Sink, Main Bldg, 1st Floor			0.0 48, 2	0.02 08/ 2	
674609-30	: THES-35F First- Draw	11/06/2025 6:11 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
674600 24	: THES-36F First- Draw	11/06/2025 6:07 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-31			Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor					
			Combination Sink - Fountain - Bubbler Style (Non-					
674609-32	: THES-37F First-	11/06/2025 6:08 AM	Refrigerated), Yes (= Consumption), Classroom, See	ICP	Lead	0.5 ug/L	<0.5 ug/L	
074003 32	Draw		Floor Plan, Bubbler, Main Bldg, 1st Floor					
		rst- 11/06/2025 6:12 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-33	: THES-38F First- Draw		Refrigerated), Yes (= Consumption), Classroom, See					
			Floor Plan, Bubbler, Main Bldg, 1st Floor					
	: THES-39 First-Draw	11/06/2025 6:15 AM	Faucet, Cold, Yes (= Consumption), Office, See Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
674609-34			Plan, Sink, Main Bldg, 1st Floor					
674609-35	: THES-40F First- Draw	11/06/2025 6:16 AM	Combination Sink - Fountain - Bubbler Style (Non-	ICP	Lead	0.5 ug/L	<0.5 ug/L	
			Refrigerated), Yes (= Consumption), Nurse's					
			Office/Health Room, See Floor Plan, Bubbler, Main					
			Bldg, 1st Floor					
			Faucet, Cold, Yes (= Consumption), Teachers'			0.5 ug/L	<0.5 ug/L	
674609-36	: THES-41 First-Draw	41 First-Draw 11/06/2025 6:20 AM	Lounge/Break Room, See Floor Plan, Sink, Main	ICP	Lead			
			Bldg, 1st Floor					



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Not Provided

				.,				
AMA Sample	Client Sample	Date/Time	Location	Analysis	Sample	Reporting	Final	Comments
Number	Number			Type	Analyte	Limit	Result	
674609-37	: THES-42 First-Draw	11/06/2025 6:17 AM	, Yes (= Consumption), Nurse's Office/Health Room, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

Sample Collector: Christopher Madden

Certification:

Preparation Method: None $mg/L = Parts Per Million (ppm), N/A = Not Applicable, <math>\mu g/L = Parts Per Million (ppm), N/A = Not Applicable, <math>\mu g/L = Parts Per Million (ppm)$

Christopher Madden

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

or Deputy.

Analyst(s): JP Littleton

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

Address:

Attention:

Technical

Director JP Littleton

12/03/2025

11/05/2025 - 11/06/2025

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