Maryland Water Quality Lab #262

NY ELAP Lab ID 10920

CERTIFICATE OF ANALYSIS

Chain of Custody:	685971	**Job Name:**	Howard County Career & Technical Education Center (CTEC)	**Date Submitted:**	10/30/2026
Client:	Howard County Public School System	**Job Location:**	10920 Clarksville Pike, Ellicott City, MD 21042	**Date Analyzed:**	11/06/2026
Address:	10910 Clarksville Pike Ellicott City MD 21042	**Job Number:**	Not Provided	**Report Date:**	11/06/2026
Attention:	John Farmer	**P.O. Number:**	Not Provided	**Date Sampled:**	10/27/2026 - 10/30/2026
				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
685971-1	: CTEC-1 First-Draw	10/27/2026 5:46 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.2 ug/L	
685971-2	: CTEC-2 First-Draw	10/28/2026 5:54 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
685971-3	: CTEC-3 First-Draw	10/27/2026 5:44 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.6 ug/L	
685971-4	: CTEC-4 First-Draw	10/28/2026 5:52 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-5	: CTEC-5 First-Draw	10/27/2026 5:43 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-6	: CTEC-6 First-Draw	10/27/2026 5:42 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, See Floor Plan, Sink, Main Buildling, 1st Floor	ICP	Lead	0.5 ug/L	0.89 ug/L	
685971-7	: CTEC-7 First-Draw	10/27/2026 5:40 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
685971-8	: CTEC-8 First-Draw	10/27/2026 5:38 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	4.5 ug/L	
685971-9	: CTEC-15 First-Draw	10/27/2026 5:58 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	0.70 ug/L	
685971-10	: CTEC-18 First-Draw	10/27/2026 5:57 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Building D, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-11	: CTEC-18BW First-Draw	10/28/2026 6:04 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Fill, Building D, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-12	: CTEC-19 First-Draw	10/27/2026 5:53 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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685971-13	: CTEC-21 First-Draw	10/27/2026 5:54 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-14	: CTEC-22 First-Draw	10/27/2026 5:12 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	8.3 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
685971-15	: CTEC-26 First-Draw	10/27/2026 5:59 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	1.0 ug/L	
685971-16	: CTEC-C1 First-Draw	10/27/2026 5:49 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-17	: CTEC-C1BW First-Draw	10/28/2026 5:28 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Fill, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-18	: CTEC-C2 First-Draw	10/28/2026 5:32 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building , 1st Floor	ICP	Lead	0.5 ug/L	0.93 ug/L	
685971-19	: CTEC-C3 First-Draw	10/27/2026 5:06 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building , 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
685971-20	: CTEC-C4 First-Draw	10/28/2026 5:34 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	7.0 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
685971-21	: CTEC-C5 First-Draw	10/28/2026 5:35 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	1.7 ug/L	
685971-22	: CTEC-C6 First-Draw	10/28/2026 5:37 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	2.2 ug/L	
685971-23	: CTEC-C7 First-Draw	10/28/2026 5:36 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	3.1 ug/L	
685971-24	: CTEC-C8 First-Draw	10/27/2026 5:12 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-25	: CTEC-C9 First-Draw	10/28/2026 5:39 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-26	: CTEC-C14 First-Draw	10/28/2026 5:43 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	0.51 ug/L	

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685971-27	: CTEC-C15 First-Draw	10/27/2026 5:13 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	0.58 ug/L	
685971-28	: CTEC-C16 First-Draw	10/30/2026 5:13 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	3.4 ug/L	
685971-29	: CTEC-C17 First-Draw	10/28/2026 5:46 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
685971-30	: CTEC-C19 First-Draw	10/30/2026 5:14 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	0.63 ug/L	
685971-31	: CTEC-C20 First-Draw	10/28/2026 5:48 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building , 1st Floor	ICP	Lead	0.5 ug/L	6.8 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
685971-32	: CTEC-C22 First-Draw	10/28/2026 5:59 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-33	: CTEC-C23 First-Draw	10/28/2026 5:45 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	8.0 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.
685971-34	: CTEC-C24 First-Draw	10/30/2026 5:10 AM	Faucet, Cold, Yes (= Consumption), Classroom, See Floor Plan, Sink, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	0.90 ug/L	
685971-35	: CTEC-C26 First-Draw	10/27/2026 5:14 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-36	: CTEC-C27 First-Draw	10/28/2026 5:40 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-37	: CTEC-C27BW First-Draw	10/30/2026 5:06 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Fill, Main Building , 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-38	: CTEC-C28 First-Draw	10/27/2026 5:05 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-39	: CTEC-C28BW First-Draw	10/28/2026 5:30 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Fill, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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				Person Submitting:	John Farmer

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AMA Sample Number	Client Sample Number	Date/Time	Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
685971-40	: CTEC-C29 First-Draw	10/30/2026 5:02 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Building, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
685971-41	: CTEC-20 First-Draw	10/28/2026 5:42 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Building, 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

Sample Collector: John Farmer
Certification:

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

Analyst(s): JP Littleton

Technical Director George Land

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