

CERTIFICATE OF ANALYSIS

Chain of Custody:	654053	Job Name:	Ilchester Elementary School	Date Submitted:	12/22/2023
Client:	Howard County Public School System	Job Location:	4981 Ilchester Road, Ellicott City, MD 21043	Date Analyzed:	01/06/2024
Address:	10910 Route 108 Ellicott City Maryland 21042	Job Number:	13.057	Report Date:	01/08/2024
Attention:	Christopher Madden	P.O. Number:	Not Provided	Date Sampled:	12/19/2023 - 12/21/2023
				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
654053-1	1: IES-1 First-Draw	12/21/2023 5:38 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Right Sink, Main Bldg, 1st Floor					SAMPLE ERRONEOUSLY COLLECTED.
654053-2	2: IES-2 First-Draw	12/21/2023 5:39 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Cafeteria, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
654053-3	3: IES-2BW First-Draw	12/19/2023 5:53 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Cafeteria, , Bottle Fill, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.55 ug/L	
654053-4	4: IES-3 First-Draw	12/21/2023 5:42 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	
654053-5	5: IES-4 First-Draw	12/21/2023 5:44 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.52 ug/L	
654053-6	6: IES-11 First-Draw	12/21/2023 5:46 AM	Faucet, Cold, Yes (= Consumption), Media Center, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	4.0 ug/L	
654053-7	7: IES-12 First-Draw	12/21/2023 6:01 AM	Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.71 ug/L	
654053-8	8: IES-26F First-Draw	12/21/2023 6:12 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.63 ug/L	
654053-9	9: IES-27F First-Draw	12/21/2023 6:12 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
654053-10	10: IES-28F First-Draw	12/21/2023 6:14 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	
654053-11	11: IES-29F First-Draw	12/21/2023 6:14 AM	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Classroom, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.80 ug/L	
654053-12	12: IES-30 First-Draw	12/21/2023 5:41 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.59 ug/L	
654053-13	13: IES-31 First-Draw	12/21/2023 6:09 AM	Faucet, Cold, Yes (= Consumption), Staff Workroom, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.5 ug/L	

CERTIFICATE OF ANALYSIS

Chain of Custody:	654053	Job Name:	Ilchester Elementary School	Date Submitted:	12/22/2023
Client:	Howard County Public School System	Job Location:	4981 Ilchester Road, Ellicott City, MD 21043	Date Analyzed:	01/06/2024
Address:	10910 Route 108 Ellicott City Maryland 21042	Job Number:	13.057	Report Date:	01/08/2024
Attention:	Christopher Madden	P.O. Number:	Not Provided	Date Sampled:	12/19/2023 - 12/21/2023
				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
654053-14	15: IES-33 First-Draw	12/21/2023 6:05 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	2.5 ug/L	
654053-15	16: IES-34 First-Draw	12/21/2023 6:07 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.0 ug/L	
654053-16	17: IES-36 First-Draw	12/21/2023 5:54 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, Basement	ICP	Lead	0.5 ug/L	0.70 ug/L	
654053-17	18: IES-44 First-Draw	12/21/2023 5:55 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, Basement	ICP	Lead	0.5 ug/L	0.64 ug/L	
654053-18	19: IES-45 First-Draw	12/21/2023 5:55 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, Basement	ICP	Lead	0.5 ug/L	0.68 ug/L	
654053-19	20: IES-56 First-Draw	12/21/2023 5:54 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, Basement	ICP	Lead	0.5 ug/L	0.51 ug/L	
654053-20	21: IES-60 First-Draw	12/21/2023 5:48 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, , Bubbler, Main Bldg, Basement	ICP	Lead	0.5 ug/L	0.62 ug/L	
654053-21	22: IES-62 First-Draw	12/21/2023 6:05 AM	Refrigerator Water Dispenser -- Not required if non-metal water line, Yes (= Consumption), Staff Workroom, , Dispenser, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
654053-22	23: IES-1 Flush	12/21/2023 6:18 AM	Faucet, Cold, Yes (= Consumption), Kitchen, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.0 ug/L	

Sample Collector: John Farmer & Christopher Madden (BW Sample)
Certification:

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

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