



# CERTIFICATE OF ANALYSIS

**Chain of Custody:** 641262  
**Client:** Howard County Public School System  
**Address:** 10910 Route 108  
Ellicott City, MD 21042  
**Attention:** Jeff Klenk

**Job Name:** Hanover Hills Elementary School  
**Job Location:** 7030 Banbury Drive, Hanover, MD  
21076  
**Job Number:** 13.999  
**P.O. Number:** Not Provided

**Date Submitted:** 11/02/2022  
**Date Analyzed:** 11/09/2022  
**Report Date:** 11/09/2022  
**Date Sampled:** 10/26/2022 & 10/27/2022 JK  
**Person Submitting:** Jeff Klenk

## Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Date/Time	Location	Sample Collection Information	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
641262-1	HHES 1 First-Draw	10/26/2022 6:40 am	Ice Machine (Stand Alone), Consumption, Kitchen, , Ice Maker, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-2	HHES 2 First-Draw	10/26/2022 6:40 am	Faucet, Cold, Consumption, Kitchen, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	0.92 ug/L	
641262-3	HHES 3 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Cafeteria, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-4	HHES 3BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Cafeteria, , Chiller Style, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-5	HHES 4 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-6	HHES 4BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-7	HHES 5 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-8	HHES 6F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-9	HHES 7F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-10	HHES 8F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-11	HHES 9F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-12	HHES 10F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-13	HHES 11F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-14	HHES 12F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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AMA Sample Number	Client Sample Number	Sample Collection Information		Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
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641262-15	HHES 13F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-16	HHES 14F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-17	HHES 15F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-18	HHES 16 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-19	HHES 16BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-20	HHES 17F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.94 ug/L	
641262-21	HHES 18F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
641262-22	HHES 19F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-23	HHES 20F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-24	HHES 22 F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-25	HHES 23F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-26	HHES 24F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-27	HHES 25F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-28	HHES 26 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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641262-29	HHES 27F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-30	HHES 28F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-31	HHES 29F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-32	HHES 30F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-33	HHES 31F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-34	HHES 32F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-35	HHES 33F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-36	HHES 34F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-37	HHES 35F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-38	HHES 36F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-39	HHES 37 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-40	HHES 37BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-41	HHES 38 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-42	HHES 39 First-Draw	10/26/2022 6:40 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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641262-43	HHES 40 First-Draw	10/26/2022 6:40 am	Faucet, Cold, Consumption, Media Center, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	1.4 ug/L	
641262-44	HHES 41S First-Draw	10/27/2022 6:19 am	Combination Sink - Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-45	HHES 41F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Nurse's Office/Health Room, , Fountain, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-46	HHES 42 First-Draw	10/26/2022 6:40 am	Faucet, Cold, Consumption, Nurse's Office/Health Room, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-47	HHES 43 First-Draw	10/26/2022 6:40 am	Faucet, Cold, Consumption, Staff Workroom, , Sink, Main Bldg, 1st Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-48	HHES 45F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-49	HHES 46 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-50	HHES 47 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-51	HHES 47BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-52	HHES 48 First-Draw	10/26/2022 6:40 am	Faucet, Cold, Consumption, Teachers' Lounge/Break Room, , Sink, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-53	HHES 49F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	0.56 ug/L	
641262-54	HHES 50F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-55	HHES 51F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-56	HHES 52F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor		ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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641262-57	HHES 53F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-58	HHES 54F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-59	HHES 55 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-60	HHES 55BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-61	HHES 56F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-62	HHES 57F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-63	HHES 58F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-64	HHES 59F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-65	HHES 60F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-66	HHES 61F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-67	HHES 62F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-68	HHES 63F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-69	HHES 65F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-70	HHES 66F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



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641262-71	HHES 67 First-Draw	10/26/2022 6:40 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-72	HHES 67BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-73	HHES 68F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
641262-74	HHES 69F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-75	HHES 70F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-76	HHES 71F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-77	HHES 72F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-78	HHES 73F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-79	HHES 74F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-80	HHES 75F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-81	HHES 76F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-82	HHES 77F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-83	HHES 78 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-84	HHES 79 First-Draw	10/26/2022 6:40 am	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Consumption, Hallway, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	



# CERTIFICATE OF ANALYSIS

**Chain of Custody:** 641262  
**Client:** Howard County Public School System  
**Address:** 10910 Route 108  
Ellicott City, MD 21042  
**Attention:** Jeff Klenk

**Job Name:** Hanover Hills Elementary School  
**Job Location:** 7030 Banbury Drive, Hanover, MD  
21076  
**Job Number:** 13.999  
**P.O. Number:** Not Provided

**Date Submitted:** 11/02/2022  
**Date Analyzed:** 11/09/2022  
**Report Date:** 11/09/2022  
**Date Sampled:** 10/26/2022 & 10/27/2022 JK  
**Person Submitting:** Jeff Klenk

## Summary of Drinking Water Analysis for Metals

AMA Sample Number	Client Sample Number	Sample Collection Information		Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
		Date/Time	Location					
641262-85	HHES 79BW First-Draw	10/27/2022 6:19 am	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Consumption, Hallway, , Chiller Style, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	
641262-86	HHES 80F First-Draw	10/26/2022 6:40 am	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated), Consumption, Classroom, , Fountain, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	< 0.5 ug/L	

**Analysis Methods:** Flame AA: APHA SM3111B (1999, 22nd Ed.), Furnace AA: APHA SM3113B (2010, 22nd Ed.), ICP: EPA 200.8 (Rev. 5.4)

**Sample Collector:** Jeff Klenk (all BWs & 41S) & Daniel Wooddell (all others)  
**Certification:**

mg/L = Parts Per Million (ppm), N/A = Not Applicable, ug/L = Parts Per Billion, N/P = Not Provided

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

**Analyst(s):** Jean-Paul Littleton

**Technical Director** George Land

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