

CERTIFICATE OF ANALYSIS

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|--|--|---|
| Chain of Custody: 663914 | Job Name: Centennial Lane Elementary School | Date Submitted: 11/25/2024 |
| Client: Howard County Public School System | Job Location: 3825 Centennial Lane, Ellicott City, MD 21042 | Date Analyzed: 12/07/2024 |
| Address: 10910 Route 108 Ellicott City Maryland 21042 | Job Number: 13.005 | Report Date: 12/10/2024 |
| Attention: Christopher Madden | P.O. Number: Not Provided | Date Sampled: 11/12/2024 - 11/14/2024 |
| | | Person Submitting: John D. Farmer, III |
| | | Revised: 12/11/2024 (Revision #1) |

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 |
|-------------------|-----------------------|--------------------|---|---------------|----------------|-----------------|--------------|----------|
| 663914-1 | : CLES-1 Flush | 11/12/2024 6:13 AM | Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink - Right Faucet, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 1.8 ug/L | |
| 663914-2 | : CLES-2 Flush | 11/12/2024 6:13 AM | Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink Closest to Exit, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 2.0 ug/L | |
| 663914-3 | : CLES-3 First-Draw | 11/12/2024 6:10 AM | Faucet, Cold, Yes (= Consumption), Kitchen, See Floor Plan, Sink in Front of CLES-2, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 1.5 ug/L | |
| 663914-4 | : CLES-4F First-Draw | 11/12/2024 6:07 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 1.2 ug/L | |
| 663914-5 | : CLES-5F First-Draw | 11/12/2024 6:05 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-6 | : CLES-6 First-Draw | 11/12/2024 6:02 AM | Bottle Filler/Drinking Fountain Combo Unit - 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 | |
| 663914-7 | : CLES-6BW First-Draw | 11/13/2024 6:43 AM | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, See Floor Plan, Bottle Fill, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-8 | : CLES-7 First-Draw | 11/14/2024 6:13 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 | |
| 663914-9 | : CLES-8 First-Draw | 11/12/2024 5:08 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 | |
| 663914-10 | : CLES-9 First-Draw | 11/12/2024 5:11 AM | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-11 | : CLES-13 First-Draw | 11/12/2024 5:17 AM | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-12 | : CLES-16 First-Draw | 11/12/2024 5:17 AM | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |

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| 663914-13 | : CLES-18F First-Draw | 11/12/2024 5:20 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.55 ug/L | |
| 663914-14 | : CLES-19F First-Draw | 11/12/2024 5:21 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.60 ug/L | |
| 663914-15 | : CLES-20F First-Draw | 11/12/2024 5:22 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-16 | : CLES-21F First-Draw | 11/12/2024 5:24 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-17 | : CLES-22F First-Draw | 11/12/2024 5:25 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-18 | : CLES-23F First-Draw | 11/12/2024 5:28 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.73 ug/L | |
| 663914-19 | : CLES-24F First-Draw | 11/12/2024 5:29 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.51 ug/L | |
| 663914-20 | : CLES-25F First-Draw | 11/12/2024 5:31 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.80 ug/L | |
| 663914-21 | : CLES-26F First-Draw | 11/12/2024 5:32 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.80 ug/L | |
| 663914-22 | : CLES-27F First-Draw | 11/12/2024 5:33 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.66 ug/L | |
| 663914-23 | : CLES-28F First-Draw | 11/12/2024 5:35 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.65 ug/L | |
| 663914-24 | : CLES-29 First-Draw | 11/12/2024 5:38 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 | |

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| 663914-25 | : CLES-30 First-Draw | 11/13/2024 6:36 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 | 0.52 ug/L | |
| 663914-26 | : CLES-32 First-Draw | 11/12/2024 5:40 AM | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-27 | : CLES-35 First-Draw | 11/12/2024 5:41 AM | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-28 | : CLES-36 First-Draw | 11/12/2024 5:43 AM | Faucet, Cold, Yes (= Consumption), Media Center, See Floor Plan, Sink, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.75 ug/L | |
| 663914-29 | : CLES-37 First-Draw | 11/12/2024 5:45 AM | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-30 | : CLES-40 First-Draw | 11/12/2024 5:47 AM | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-31 | : CLES-41 First-Draw | 11/12/2024 5:48 AM | Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, See Floor Plan, Sink, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-32 | : CLES-42 First-Draw | 11/12/2024 5:50 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 | |
| 663914-33 | : CLES-43S First-Draw | 11/13/2024 6:39 AM | Combination Sink - Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, See Floor Plan, Combo Sink, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.62 ug/L | |
| 663914-34 | : CLES-43F First-Draw | 11/12/2024 5:51 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Nurse's Office/Health Room, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-35 | : CLES-44F First-Draw | 11/12/2024 5:53 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-36 | : CLES-45F First-Draw | 11/13/2024 6:41 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubblers, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |

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| 663914-37 | : CLES-48 First-Draw | 11/12/2024 5:55 AM | Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-38 | : CLES-49 First-Draw | 11/12/2024 5:59 AM | Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Hallway, See Floor Plan, Fountain, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 663914-39 | : CLES-50F First-Draw | 11/12/2024 5:14 AM | Combination Sink - Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Classroom, See Floor Plan, Bubbler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.85 ug/L | |

Sample Collector: John D. Farmer, III
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



Technical Director _____
George Land

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