

CERTIFICATE OF ANALYSIS

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|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------|
| Chain of Custody: 662092 | Job Name: Lake Elkhorn Middle School | Date Submitted: 09/27/2024 |
| Client: Howard County Public School System | Job Location: 6680 Cradlerock Way, Columbia, MD 21045 | Date Analyzed: 10/03/2024 |
| Address: 10910 Route 108 Ellicott City Maryland 21042 | Job Number: 13.035 | Report Date: 10/03/2024 |
| Attention: Christopher Madden | P.O. Number: 115.24.B7 | Date Sampled: 09/18/2024 - 09/19/2024 |
| | | 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 |
|-------------------|-----------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|-----------------|--------------|----------|
| 662092-1 | : LEMS-1 First Draw | 09/18/2024 5:32 AM | Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, 207, Combo Bubbler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-2 | : LEMS-1BW First-Draw | 09/19/2024 6:06 AM | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Cafeteria, 207, Combo Bottle Filler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-3 | : LEMS-2 First-Draw | 09/18/2024 5:29 AM | Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Locker Room, 236, Bubbler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-4 | : LEM-3 First-Draw | 09/18/2024 5:31 AM | Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Locker Room, 232, Bubbler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-5 | : LEM-4 First-Draw | 09/18/2024 5:26 AM | Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside Gym , Combo Bubbler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-6 | : LEMS-4BW First-Draw | 09/19/2024 6:05 AM | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, Outside Gym , Combo Bottle Filler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-7 | : LEMS-5 First-Draw | 09/18/2024 5:09 AM | Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), 216, Most Left Sink, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.51 ug/L | |
| 662092-8 | : LEMS-6 First-Draw | 09/18/2024 5:09 AM | Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), 216, Right of LEMS-5, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.55 ug/L | |
| 662092-9 | : LEMS-7 First-Draw | 09/18/2024 5:10 AM | Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), 216, Right of LEMS-6, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-10 | : LEMS-8 First-Draw | 09/18/2024 5:11 AM | Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), 216, Right of LEMS-7, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-11 | : LEMS-9 First-Draw | 09/18/2024 5:12 AM | Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), 216, Most Right Sink, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.68 ug/L | |
| 662092-12 | : LEMS-10 First-Draw | 09/18/2024 5:18 AM | Drinking Water Fountain - Bubbler Style (Non-Refrigerated), Yes (= Consumption), Hallway, Outside 132, Bubbler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 3.9 ug/L | |

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| 662092-13 | : LEMS-11 First-Draw | 09/18/2024 5:22 AM | Faucet, Cold, Yes (= Consumption), Media Center, Office, Sink, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-14 | : LEMS-13 First-Draw | 09/18/2024 5:24 AM | Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside 96, Combo Bubbler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-15 | : LEMS-13BW First-Draw | 09/19/2024 6:06 AM | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, Outside 96, Combo Bottle Filler, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |
| 662092-16 | : LEMS-14 First-Draw | 09/18/2024 5:07 AM | Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, 163, Sink, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | 0.60 ug/L | |
| 662092-17 | : LEMS-15 First-Draw | 09/18/2024 5:13 AM | Faucet, Cold, Yes (= Consumption), Classroom (Home Economics), 216, Center Island, Main Bldg, 1st Floor | ICP | Lead | 0.5 ug/L | <0.5 ug/L | |

Sample Collector: John D. Farmer, III
Certification:

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

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

Analyst(s): Paul Littleton



**Technical
Director** George Land

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