



CERTIFICATE OF ANALYSIS

Chain of Custody: 661747	Job Name: Spencerville Adventist Academy	Date Submitted: 09/12/2024
Client: Chesapeake 7th Day Adventist Conference	Job Location: 2502 Spencerville Road, Spencerville MD 20868	Date Analyzed: 09/26/2024
Address: 6600 Martin Road Columbia Maryland 21044	Job Number: Not Provided	Report Date: 09/26/2024
Attention: Kenneth Roe	P.O. Number: Not Provided	Date Sampled: 09/05/2024
		Person Submitting: Maria France

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
661747-1	1: SAA-NO-FLR1-121 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, Inside Room 121 Nurses station, Sink located in the bathroom , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-2	2: SAA-CR-FLR1-129 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Hallway, Inside Room 129 Pre-K, Sink located in the back of the room , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.79 ug/L	
661747-3	3: SAA-DF-FLR1-O129-1 First-Draw	09/05/2024 7:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside Pre-K Classroom in the hallway by main office, In the hallway water fountain with bottle filler, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-4	4: SAA-DF-FLR1-O129-2 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside Pre-K Classroom in the hallway by main office, In the hallway water fountain without bottle filler , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-5	5: SAA-CR-FLR1-132 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 132 Kindergarden, Sink located in the back of the room , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.57 ug/L	
661747-6	6: SAA-CR-FLR1-133 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 133 First Grade, Sink located in the back of the room , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.59 ug/L	
661747-7	7: SAA-CR-FLR1-136 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 136 Second Grade, Sink located in the back of the room , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-8	8: SAA-TL-FLR1-138 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, Inside Elementary Teachers Lounge , As you walk into the room straight ahead , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-9	9: SAA-DF-FLR1-0144 First-Draw	09/05/2024 7:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler, Yes (= Consumption), Hallway, Outside of The Art Room , In the hallway between the Art room and Boys bathroom , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-10	10: SAA-TL-FLR1-155 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Teachers' Lounge/Break Room, Inside the Highschool	ICP	Lead	0.5 ug/L	0.65 ug/L	

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			Teachers Lounge , As you walk into the room straight ahead , Main Bldg, 1st Floor					
661747-11	11: SAA-DF-FLR1-0157-1 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside the Highschool Teachers Lounge in the Highschool Commons, Inside the Highschool Commons, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-12	12: SAA-DF-FLR1-0157-2 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside the Highschool Teachers Lounge in the Highschool Commons, Inside the Highschool Commons, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-13	13: SAA-IM-FLR1-177 First-Draw	09/05/2024 7:00 AM	Ice Machine (Stand Alone), Yes (= Consumption), Kitchen, Inside the Kitchen , In the Right Corner of the kitchen , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-14	14: SAA-KS-FLR1-177-1 First-Draw	09/05/2024 7:00 AM	Multiple Compartment Sink - Faucet, Cold, Yes (= Consumption), Kitchen, Inside the Kitchen , On the back wall of the kitchen next to the ovens, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	3.0 ug/L	
661747-15	15: SAA-KS-FLR1-177-2 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, No (= Non-Consumption), Kitchen, Inside the Kitchen , On the back wall of the kitchen next to the ovens , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.60 ug/L	
661747-16	16: SAA-KS-FLR1-177-3 First-Draw	09/05/2024 7:00 AM	Multiple Compartment Sink - Faucet, Cold, Yes (= Consumption), Kitchen, Inside the Kitchen , In the bottom left corner of the kitchen , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.51 ug/L	
661747-17	17: SAA-KS-FLR1-177-4 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, No (= Non-Consumption), Kitchen, Inside the Kitchen , In the bottom left corner of the kitchen , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	0.93 ug/L	
661747-18	18: SAA-KS-FLR1-177-5 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, No (= Non-Consumption), Kitchen, Inside the Kitchen , In the bottom left corner of the kitchen , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-19	19: SAA-KS-FLR1-177-6 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, No (= Non-Consumption), Kitchen, Inside the Kitchen , Next to the entrance door Leading to The MPR room 178, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.9 ug/L	



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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
661747-20	20: SAA-DF-FLR1-0190 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside The Girls Locker Room, Between The Girls Bathroom and Locker room , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-21	21: SAA-DF-FLR1-0193 First-Draw	09/05/2024 7:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside the Boys Locker Room, Between the Boys Locker room and Bathroom, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-22	22: SAA-DF-FLR1-0195 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Bubblers Style (Non-Refrigerated), Yes (= Consumption), Outdoors, Outside the back door of the building leading to the playground, Outside the Back door of the building to the right of the door , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-23	23: SAA-IM-FLR1-195 First-Draw	09/05/2024 7:00 AM	Ice Machine (Stand Alone), Yes (= Consumption), Laundry Room, Inside the laundry room attached to the athletic closet, inside the laundry room attached to the athletic closet , Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-24	24: SAA-CR-FLR2-201 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 201 5th Grade, Sink located in the back of the room , Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
661747-25	25: SAA-CR-FLR2-202 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 202 6th Grade, Sink located in the back of the room , Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	1.1 ug/L	
661747-26	26: SAA-CR-FLR2-203 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 203 7th Grade, Sink located in the back of the room , Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	0.86 ug/L	
661747-27	27: SAA-CR-FLR2-204 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 204 8th Grade, Sink located in the back of the room , Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	1.0 ug/L	
661747-28	28: SAA-DF-FLR2-0204-1 First-Draw	09/05/2024 7:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside the 8th Grade classroom in middleschool hallway, In the hallway directly outside of room 204, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	

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661747-29	29: SAA-DF-FLR2-O204-2 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside the 8th Grade classroom in middleschool hallway, In the hallway directly outside of room 204, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-30	30: SAA-CR-FLR2-207 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 207 3rd Grade, Sink located in the back of the room , Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	0.63 ug/L	
661747-31	31: SAA-CR-FLR2-208 First-Draw	09/05/2024 7:00 AM	Faucet, Cold, Yes (= Consumption), Classroom, Inside Room 208 4th Grade, Sink located in the back of the room , Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-32	32: SAA-DF-FLR2-O210-1 First-Draw	09/05/2024 7:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside 4th Grade in the hallway , In the hallway directly outside of room 210, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-33	33: SAA-DF-FLR2-O210-2 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside 4th Grade in the hallway , Inside the hallway directly outside of room 210, Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-34	34: SAA-DF-FLR2-O236-1 First-Draw	09/05/2024 7:00 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside the Girls Bathroom in the upstairs Highschool wing, In the Highschool Hallway outside of the girls bathroom , Main Bldg, 2nd Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L	
661747-35	35: SAA-DF-FLR2-O236-2 First-Draw	09/05/2024 7:00 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, Outside the Girls Bathroom in the upstairs Highschool wing, In the Highschool Hallway outside of the girls bathroom , Main Bldg, 2nd 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: Wesley Huffman
Certification:

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



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Analyst(s): Paul Littleton								

Technical Director George Land

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. The results apply only to the sample(s) tested as received. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA-LAP, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



QC Summary for SDG #81225

Overview

Analysis Type: ICP
Sample Type: Lead Water
Analysis Date: 09/25/2024

Samples Included

661747-1, 661747-2, 661747-3, 661747-4, 661747-5, 661747-6, 661747-7, 661747-8, 661747-9,
661747-10, 661747-11, 661747-12, 661747-13, 661747-14, 661747-15, 661747-16, 661747-17,
661747-18, 661747-19, 661747-20

Preparation Blank



Result: -0.000 ppm

Report Limit Verification Sample



Percent Recovery: 108.8 %

Duplicates

RPD: N/A

Matrix Spike Analysis



Spiked Sample Percent Recovery: 88.3%
Spike Duplicate Percent Recovery: 89.1%
RPD: 0.9%

Matrix Blank



Result: -0.000 ppm

Lab Control Sample #1



Percent Recovery: 88.61 %

Lab Control Sample #2



Percent Recovery: 88.46 %

Reference Sample



Percent Recovery: 95.9%

Calibration Curve



Correlation: 1.0

Serial Dilution / Bench Spike

Serial Dilution RPD: N/A
Bench Spike Percent Recovery: N/A

Notes



QC Summary for SDG #81226

Overview

Analysis Type: ICP
Sample Type: Lead Water
Analysis Date: 09/26/2024

Samples Included

661747-21, 661747-22, 661747-23, 661747-24, 661747-25, 661747-26, 661747-27, 661747-28,
661747-29, 661747-30, 661747-31, 661747-32, 661747-33, 661747-34, 661747-35

Preparation Blank ✓

Result: -0.000 ppm

Report Limit Verification Sample ✓

Percent Recovery: 110.8 %

Duplicates

RPD: N/A

Matrix Spike Analysis ✓

Spiked Sample Percent Recovery: 86.6%
Spike Duplicate Percent Recovery: 88.2%
RPD: 1.8%

Matrix Blank ✓

Result: -0.000 ppm

Lab Control Sample #1 ✓

Percent Recovery: 89.35 %

Lab Control Sample #2 ✓

Percent Recovery: 86.93 %

Reference Sample ✓

Percent Recovery: 95.9%

Calibration Curve ✓

Correlation: 1.0

Serial Dilution / Bench Spike

Serial Dilution RPD: N/A
Bench Spike Percent Recovery: N/A

Notes

Both Duplicate results are below the reporting limit, making RPD limits for these QC samples not applicable.