

CERTIFICATE OF ANALYSIS

Jeffers Hill Elementary

Maryland **Water Quality** Lab #262W

Chain of Custody: 662174 Job Name:

Job Location:

Job Number:

Date Submitted:

09/27/2024

NY ELAP

Client:

Howard County Public School System

School 6001 Tamar Drive, Columbia,

Date Analyzed:

10/02/2024

Address:

10910 Route 108 Ellicott City

MD 21045 13.014

Report Date: 10/03/2024

Maryland 21042

Attention:

Christopher Madden

P.O. Number: 115.24.B7 **Date Sampled: Person Submitting:** 09/18/2024 - 09/19/2024 Christopher Madden

Cummany of Drinking Water Applysis for Motals

Summary of Drinking Water Analysis for Metals AMA Sample Client Sample Date/Time Location Analysis Sample Reporting Final Comments										
Number	Number	Date/ Time	Location	Type	Analyte	Limit	Result	Comments		
Italiibei	Number		Faucet, Cold, Yes (= Consumption), Kitchen, (See	турс	Analyte	Lilling	Result			
662174-1	: JHES-1 Flush	09/18/2024 5:52 AM	Floor Plan), Faucent, Right Compartment, Main	ICP	Lead	0.5 ug/L	2.5 ug/L			
00217 . 1			Bldg, 1st Floor							
662174-2	: JHES-2 First-Draw	09/18/2024 5:25 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L			
662174-3	: JHES-2BW First- Draw	09/19/2024 6:18 AM	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Cafeteria, (See Floor Plan), Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L			
662174-4	: JHES-3 First-Draw	09/18/2024 5:26 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, by Cafeteria (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L			
662174-5	: JHES-4 First-Draw	09/18/2024 5:29 AM	Faucet, Cold, Yes (= Consumption), Nurse's Office/Health Room, Health Suite (See Floor Plan), Faucet, Cold, Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L			
662174-6	: JHES-8 First-Draw	09/18/2024 5:33 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Hallway, by Gym (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L			
662174-7	: JHES-9 First-Draw	09/18/2024 5:36 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Teachers' Lounge/Break Room, Staff Lounge (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	<0.5 ug/L			
662174-8	: JHES-12 First-Draw	09/18/2024 5:38 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 48 (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	6.4 ug/L	This result meets or exceeds the 5.5ppb action level as established by MDE for schools.		



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Summary of Drinking Water Analysis for Metals

Client Sample Number	Date/Time	Location	Analysis Type	Sample Analyte	Reporting Limit	Final Result	Comments
: JHES-15 First-Draw	09/18/2024 5:41 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 35 (Right) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.5 ug/L	
: JHES-19 First-Draw	09/18/2024 5:43 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 35 (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.3 ug/L	
: JHES-20 First-Draw	09/18/2024 5:45 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 18 (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.8 ug/L	
: JHES-24 First-Draw	09/18/2024 5:48 AM	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 5 (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor	ICP	Lead	0.5 ug/L	1.4 ug/L	
	: JHES-15 First-Draw : JHES-19 First-Draw : JHES-20 First-Draw	Number : JHES-15 First-Draw 09/18/2024 5:41 AM : JHES-19 First-Draw 09/18/2024 5:43 AM : JHES-20 First-Draw 09/18/2024 5:45 AM	Number Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 35 (Right) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 35 (Refrigerated), Yes (= Consumption), Classroom, 35 (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 18 (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 5 (Left) (See Floor Plan), Drinking Water Fountain - 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Cooler/Chiller Style (Refrigerated), Main Bldg, 1st (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st (Left) (See Floor Plan), Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Main Bldg, 1st (Left) (See Floor Plan), Drinking Water Fountain - Co	Number Drinking Water Fountain - Cooler/Chiller Style (Refrigerated), Yes (= Consumption), Classroom, 35 Lead 0.5 ug/L 1.5 ug/L Cooler/Chiller Style (Refrigerated), Wes (= Consumption), Classroom, 35 Lead 0.5 ug/L 1.5 ug/L Cooler/Chiller Style (Refrigerated), Main Bldg, 1st Floor F

Sample Collector: Christopher Madden

Certification:

Preparation Method: None

Analysis Method: ICP: EPA 200.8 (Rev. 5.4)

 $mg/L = Parts Per Million (ppm), N/A = Not Applicable, <math>\mu g/L = Parts Per Billion, N/P = Not Provided$

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



662174

Chain of Custody:

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 115.24.87
 Date Sampled:
 09/18/2024 - 09/19/2024

Person Submitting: Christopher Madden

Summary of Drinking Water Analysis for Metals

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, AlHA-LAP, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.