

**Charles County Public Schools**

P.O. Box 2770  
5980 Radio Station Road  
La Plata, MD 20646

**Attention:**

Monday, February 24, 2025

***Certificate of Analysis***  
**FINAL**

**Project Information:**

Report for Lab No: 78016.

First Draw samples flushed by Martel on November 18, 2024 sampled by Martel on November 19, 2024.

Project Identification: MD HB 270

School: Matthew Henson Middle School.

**References and Important Notes:**

40CFR136=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act.

**Notices:**

Chain of Custody Form(s) are attached and are an integral part of this report.  
This report will be retained for at least five years and will be disposed of without notice.  
Measurement uncertainty for each listed test is available upon request.  
The results presented herein relate only to the samples or items tested.  
All samples tested were in acceptable condition, unless otherwise noted.

DL2020



# Certificate of Analysis

MARTEL NO. 78016 1 CLIENT SAMPLE IDENTIFICATION MHMS-1-FC Sample Date/Time 11/19/2024 05:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:00 BJ

MARTEL NO. 78016 2 CLIENT SAMPLE IDENTIFICATION MHMS-2-DC Sample Date/Time 11/19/2024 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:03 BJ

MARTEL NO. 78016 3 CLIENT SAMPLE IDENTIFICATION MHMS-3-DC Sample Date/Time 11/19/2024 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:05 BJ

MARTEL NO. 78016 4 CLIENT SAMPLE IDENTIFICATION MHMS-4-DC Sample Date/Time 11/19/2024 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:08 BJ

MARTEL NO. 78016 5 CLIENT SAMPLE IDENTIFICATION MHMS-5-FC Sample Date/Time 11/19/2024 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.25	ug/l	EPA .200.8	2	02/18/2025 18:10 BJ

MARTEL NO. 78016 6 CLIENT SAMPLE IDENTIFICATION MHMS-6-FC Sample Date/Time 11/19/2024 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:12 BJ

MARTEL NO. 78016 7 CLIENT SAMPLE IDENTIFICATION MHMS-7-FC Sample Date/Time 11/19/2024 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:22 BJ

**Martel Laboratories JDS Inc.**

1025 Cromwell Bridge Road - Baltimore, Maryland 21286  
PH 410-825-7790 martel@martellabs.com

CHARPS

**P 02**

02/24/2025



# Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78016 8	MHMS-8-IM	11/19/2024 05:25			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:27 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78016 9	MHMS-9-DC	11/19/2024 05:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:29 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78016 10	MHMS-10-DC	11/19/2024 05:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:32 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78016 12	MHMS-12-FC	11/19/2024 05:30			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:34 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78016 13	MHMS-13-DC	11/19/2024 05:32			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:37 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78016 14	MHMS-14-DC	11/19/2024 05:33			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:39 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78016 15	MHMS-15-FC	11/19/2024 05:35			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:42 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78016 16	MHMS-16-DC		11/19/2024 05:37			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:44 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78016 19	MHMS-19-BU		11/19/2024 05:22			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:46 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78016 20	MHMS-20-BU		11/19/2024 05:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 18:54 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78016 21	MHMS-21-BU		11/19/2024 05:37			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 19:01 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78016 1F	MHMS-1F-FC FLUSH		11/19/2024 05:43			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 19:04 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78016 5F	MHMS-5F-FC FLUSH		11/19/2024 05:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 19:06 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78016 6F	MHMS-6F-FC FLUSH		11/19/2024 05:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 19:09 BJ	



**Certificate of Analysis**

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
78016	7F	MHMS-7F-FC FLUSH				11/19/2024 05:50	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 19:11 BJ		

## MARTEL Chain of Custody Record

Martel Laboratories JDS Inc., 1025 Cromwell Bridge Rd., Baltimore, MD 21286, (410) 825-7790, FAX (410) 821-1054, email: martel@martellabs.com

### Charles County Public Schools Drinking Water Lead Testing

Bottle Type: 250 ml plastic, preserved with HNO3 Analysis: Lead (EPA 200.8)

Sample Start Date/Time: 11/19/24 5:17am End Date/Time: 11/19/24 5:50am  
 Sampler/Relinquished By: Neveson Simms-Clark Received at Martel by \_\_\_\_\_ Date/Time: 11/21/24

**34 Matthew Henson Middle School**  
**First Draw**

**3535 Livingston Road Indian Head, MD 20640**

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 10 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

Martel NO:

**78016**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubble, Water Fountain, Goose-neck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption C or NC?	Flush	Sample Time
							Flush Date	
1	1	MHMS-1-FC	sink	FC	Nurse's Office	C	11/18	5:17
2	2	MHMS-2-DC	water fountain	DC	gym	C	11/18	5:20
3	3	MHMS-3-DC	water fountain	DC	gym	C	11/18	5:20
4	4	MHMS-4-DC	water fountain	DC	cafeteria	C	11/18	5:22
5	5	MHMS-5-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on S Comp Sink	C	11/18	5:25
6	6	MHMS-6-FC	Sink - Middle fixture	FC	Kitchen - Middle Fixture on S Comp Sink	C	11/18	5:25
7	7	MHMS-7-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on S Comp Sink	C	11/18	5:25
8	8	MHMS-8-IM	Ice Machine	IM	Kitchen	C	11/18	5:25
9	9	MHMS-9-DC	water fountain	DC	Classroom 105	C	11/18	5:26
10	10	MHMS-10-DC	water fountain	DC	corridor	C	11/18	5:29
11	12	MHMS-12-FC	sink	FC	Teacher's Lounge	C	11/18	5:30
12	13	MHMS-13-DC	water fountain	DC	corridor	C	11/18	5:32
13	14	MHMS-14-DC	Water fountain	DC	corridor - (2nd Floor)	C	11/18	5:33
14	15	MHMS-15-FC	sink	FC	CR 207 (Sp-Ed) Pull Out (2nd Floor)	C	11/18	5:35
15	16	MHMS-16-DC	water fountain	DC	corridor - (2nd Floor)	C	11/18	5:37
16	18	MHMS-18-DC	Water Fountain	DC	Classroom 104	C	NO SAMP	NO SAMP
17	19	MHMS-19-BU	Bottle Filler	BU	Cafeteria	C	11/18	5:22
18	20	MHMS-20-BU	Bottle Filler	BU	Corridor	C	11/18	5:29
19	21	MHMS-21-BU	Bottle Filler	BU	Corridor - (2nd Floor)	C	11/18	5:37
20	1F	MHMS-1F-FC	sink	FC	Nurse's Office	C		FLUSH 5:43
21	5F	MHMS-5F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on S Comp Sink	C		FLUSH 5:50
22	6F	MHMS-6F-FC	Sink - Middle fixture	FC	Kitchen - Middle Fixture on S Comp Sink	C		FLUSH 5:50
23	7F	MHMS-7F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on S Comp Sink	C		FLUSH 5:50