



**Charles County Public Schools**

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

**Attention:**

Friday, December 31, 2021

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

**Project Information:**

Report for Lab No: 60419.  
Samples flushed by Martel on November 9, 2021, sampled by Martel on November 10, 2021.  
Project Identification: MD HB 270  
School: 34 Matthew Henson Middle School PSC #08.016

**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.



**Certificate of Analysis**

MARTEL NO. 60419 1 CLIENT SAMPLE IDENTIFICATION MHMS-1-FC [sink--Nurse's Office] Sample Date/Time 11/10/2021 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:21 BJ

MARTEL NO. 60419 2 CLIENT SAMPLE IDENTIFICATION MHMS-2-DC [water fountain--gym] Sample Date/Time 11/10/2021 06:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:23 BJ

MARTEL NO. 60419 3 CLIENT SAMPLE IDENTIFICATION MHMS-3-DC [water fountain --gym ] Sample Date/Time 11/10/2021 06:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:26 BJ

MARTEL NO. 60419 4 CLIENT SAMPLE IDENTIFICATION MHMS-4-DC [water fountain--cafeteria] Sample Date/Time 11/10/2021 06:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:28 BJ

MARTEL NO. 60419 5 CLIENT SAMPLE IDENTIFICATION MHMS-5-FC [Sink - Left fixture--Kitchen - Left Fixture on] Sample Date/Time 11/10/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.58	ug/l	EPA .200.8	2	12/16/2021 17:31 BJ

MARTEL NO. 60419 6 CLIENT SAMPLE IDENTIFICATION MHMS-6-FC [Sink - Middle fixture--Kitchen - Middle Fixture] Sample Date/Time 11/10/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.04	ug/l	EPA .200.8	2	12/16/2021 17:33 BJ

MARTEL NO. 60419 7 CLIENT SAMPLE IDENTIFICATION MHMS-7-FC [Sink - Right fixture--Kitchen - Right Fixture o] Sample Date/Time 11/10/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.33	ug/l	EPA .200.8	2	12/16/2021 17:36 BJ

MARTEL NO. 60419 8 CLIENT SAMPLE IDENTIFICATION MHMS-8-IM [Ice Machine--Kitchen] Sample Date/Time 11/10/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:46 BJ



# Certificate of Analysis

MARTEL NO. 60419 9 CLIENT SAMPLE IDENTIFICATION MHMS-9-DC [water fountain --Classroom 105 ] Sample Date/Time 11/10/2021 06:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:51 BJ

MARTEL NO. 60419 10 CLIENT SAMPLE IDENTIFICATION MHMS-10-DC [water fountain--corridor] Sample Date/Time 11/10/2021 06:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:53 BJ

MARTEL NO. 60419 12 CLIENT SAMPLE IDENTIFICATION MHMS-12-FC [sink--Teacher's Lounge] Sample Date/Time 11/10/2021 06:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:56 BJ

MARTEL NO. 60419 13 CLIENT SAMPLE IDENTIFICATION MHMS-13-DC [water fountain--corridor] Sample Date/Time 11/10/2021 06:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:58 BJ

MARTEL NO. 60419 14 CLIENT SAMPLE IDENTIFICATION MHMS-14-DC [Water fountain--corridor - (2nd Floor)] Sample Date/Time 11/10/2021 06:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 18:01 BJ

MARTEL NO. 60419 15 CLIENT SAMPLE IDENTIFICATION MHMS-15-FC [sink--CR 207 (Sp-Ed) Pull Out (2nd Floor)] Sample Date/Time 11/10/2021 06:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 18:03 BJ

MARTEL NO. 60419 16 CLIENT SAMPLE IDENTIFICATION MHMS-16-DC [water fountain--corridor - (2nd Floor)] Sample Date/Time 11/10/2021 06:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 18:06 BJ

MARTEL NO. 60419 18 CLIENT SAMPLE IDENTIFICATION MHMS-18-DC [Water Fountain--Classroom 104] Sample Date/Time 11/10/2021 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.63	ug/l	EPA .200.8	2	12/16/2021 18:08 BJ



**Certificate of Analysis**

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MARTEL NO. 60419	19	CLIENT SAMPLE IDENTIFICATION MHMS-19-BU [Bottle Filler--Cafeteria]	Sample Date/Time 11/10/2021 06:23
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 18:11 BJ

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MARTEL NO. 60419	20	CLIENT SAMPLE IDENTIFICATION MHMS-20-BU [Bottle Filler--Corridor]	Sample Date/Time 11/10/2021 06:32
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 18:13 BJ

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MARTEL NO. 60419	21	CLIENT SAMPLE IDENTIFICATION MHMS-21-BU [Bottle Filler--Corridor - (2nd Floor)]	Sample Date/Time 11/10/2021 06:34
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 18:16 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 HNO<sub>3</sub> Analysis: Lead (EPA 200.8)

Sample Start Date/Time: FLUSH: 11/9/21 17:25      End Date/Time: FLUSH: 11/9/21 18:13  
SAMPLE: 11/10/21 6:20      SAMPLE: 11/10/21 6:39  
 Sampler/Relinquished By: [Signature] Received at Martel by: [Signature] Date/Time: 11/10/21 18:28

**34 Matthew Henson Middle School PSC #08.016**  
**3535 Livingston Road Indian Head, MD 20640**

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

Martel NO: **60419**  
 17:25  
 18:13  
 Flush

Martel #	Sample #	Location ID #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)	Outlet Key Codes	Room/Location	Consumption Cor/NC?	Flush Date	Sample Time
1	1	MHMS-1-FC	sink	FC	Nurse's Office	C	/	6:31
2	2	MHMS-2-DC	water fountain	DC	gym	C	/	6:28
3	3	MHMS-3-DC	water fountain	DC	gym	C	/	6:29
4	4	MHMS-4-DC	water fountain	DC	cafeteria	C	/	6:23
5	5	MHMS-5-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 5 Comp Sink	C	/	6:20
6	6	MHMS-6-FC	Sink - Middle fixture	FC	Kitchen - Middle Fixture on 5 Comp Sink	C	/	↓
7	7	MHMS-7-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 5 Comp Sink	C	/	↓
8	8	MHMS-8-IM	Ice Machine	IM	Kitchen	C	/	↓
9	9	MHMS-9-DC	water fountain	DC	Classroom 105	C	/	6:26
10	10	MHMS-10-DC	water fountain	DC	corridor	C	/	6:32
11	12	MHMS-12-FC	sink	FC	Teacher's Lounge	C	/	6:39
12	13	MHMS-13-DC	water fountain	DC	corridor	C	/	↓
13	14	MHMS-14-DC	Water fountain	DC	corridor - (2nd Floor)	C	/	6:37
14	15	MHMS-15-FC	sink	FC	CR 207 (Sp-Ed) Pull Out (2nd Floor)	C	/	6:36
15	16	MHMS-16-DC	water fountain	DC	corridor - (2nd Floor)	C	/	6:34
16	18	MHMS-18-DC	Water Fountain	DC	Classroom 104	C	/	6:25
17	19	MHMS-19-BU	Bottle Filler	BU	Cafeteria	C	/	6:23
18	20	MHMS-20-BU	Bottle Filler	BU	Corridor	C	/	6:32
19	21	MHMS-21-BU	Bottle Filler	BU	Corridor - (2nd Floor)	C	/	6:34

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