



Charles County Public Schools
P.O. Box 2770
5980 Radio Station Road
La Plata, MD 20646
Attention:

Wednesday, February 25, 2026

Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 86010.

First Draw samples flushed by Martel on October 21, 2025 sampled by Martel on October 22, 2025.
Project Identification: MD HB 270

School: Mudd Elementary 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. Metal analysis performed by Maryland Spectral Services, Inc. for Martel Laboratories JDS, Inc,

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.



MARTEL NO. 86010 CLIENT SAMPLE IDENTIFICATION SMES-1-FC A2A Nurse Sink Sample Date/Time 10/22/2025 04:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 CLIENT SAMPLE IDENTIFICATION SMES-2-FC A2 Nurse Sink Sample Date/Time 10/22/2025 04:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 CLIENT SAMPLE IDENTIFICATION SMES-4-FC A3 Work Room Sink Sample Date/Time 10/22/2025 04:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 CLIENT SAMPLE IDENTIFICATION SMES-5-FC A8 Conference Room Sink Sample Date/Time 10/22/2025 04:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 CLIENT SAMPLE IDENTIFICATION SMES-6-DC 101 Café Low Water Fountain Sample Date/Time 10/22/2025 04:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 CLIENT SAMPLE IDENTIFICATION SMES-7-DC 101 Café High Water Fountain Sample Date/Time 10/22/2025 04:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 CLIENT SAMPLE IDENTIFICATION SMES-8-BU 101 Café Bottle Filler Sample Date/Time 10/22/2025 04:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86010	000008	SMES-9-IM Kitchen Ice Machine			10/22/2025 04:21
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86010	000009	SMES-11-FC Kitchen Sink (2 Compartment)			10/22/2025 04:21
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86010	000010	SMES-12-FC Kitchen - Left Fixture on 3 Comp Sink Sink - Left			10/22/2025 04:21
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86010	000011	SMES-13-FC Kitchen - Right Fixture on 3 Comp Sink Sink - Rig			10/22/2025 04:21
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86010	000012	SMES-14-DC Gym High Water Fountain			10/22/2025 04:23
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86010	000013	SMES-15-BU Gym Bottle Filler			10/22/2025 04:23
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86010	000014	SMES-16-DC Gym Low Water Fountain			10/22/2025 04:23
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86010 000015	SMES-18-DC Hall Between 4th & 5th Grade High Water	10/22/2025 04:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86010 000016	SMES-19-BU Hall Between 4th & 5th Grade Bottle Filler	10/22/2025 04:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86010 000017	SMES-20-DC Hall Between 4th & 5th Grade Low Water	10/22/2025 04:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86010 000018	SMES-22-FC Pre-K Collaborative Area Sink	10/22/2025 04:32			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86010 000019	SMES-23-FC 301 (Sp-Ed) Pull Out Sink	10/22/2025 04:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86010 000020	SMES-24-FC J7 Judy Center (Sp-Ed) Pull Out Sink	10/22/2025 04:35			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86010 000021	SMES-26-FC 205 Staff Lounge Sink	10/22/2025 04:28			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS



MARTEL NO. 86010 000022 CLIENT SAMPLE IDENTIFICATION SMES-27-FC 208 - Pre-K Sink Sample Date/Time 10/22/2025 04:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 000023 CLIENT SAMPLE IDENTIFICATION SMES-29-FC 207 (Sp-Ed) SOAR Sink Sample Date/Time 10/22/2025 04:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 000024 CLIENT SAMPLE IDENTIFICATION SMES-30-FC 202 (Sp-Ed) Speech & Pull Out Sink Sample Date/Time 10/22/2025 04:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 000025 CLIENT SAMPLE IDENTIFICATION SMES-31-DC Hall by Counselor's Office High Water Fountain Sample Date/Time 10/22/2025 04:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 000026 CLIENT SAMPLE IDENTIFICATION SMES-32-BU Hall by Counselor's Office Bottle Filler Sample Date/Time 10/22/2025 04:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 000027 CLIENT SAMPLE IDENTIFICATION SMES-33-DC Hall by Counselor's Office Low Water Fountain Sample Date/Time 10/22/2025 04:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010 000028 CLIENT SAMPLE IDENTIFICATION SMES-1F-FC A2A Nurse Sink Sample Date/Time 10/22/2025 04:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS



MARTEL NO. 86010	000029	CLIENT SAMPLE IDENTIFICATION SMES-2F-FC A2 Nurse Sink				Sample Date/Time 10/22/2025 04:39
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010	000030	CLIENT SAMPLE IDENTIFICATION SMES-11F-FC Kitchen Sink (2 Compartment)				Sample Date/Time 10/22/2025 04:42
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010	000031	CLIENT SAMPLE IDENTIFICATION SMES-12F-FC Kitchen - Left Fixture on 3 Comp Sink Sink - Lef				Sample Date/Time 10/22/2025 04:42
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86010	000032	CLIENT SAMPLE IDENTIFICATION SMES-13F-FC Kitchen - Right Fixture on 3 Comp Sink Sink - Ri				Sample Date/Time 10/22/2025 04:42
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

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: 10/22/25 4:15am End Date/Time: 10/22/25 4:42 am

Sampler/Relinquished By: New Simon Received at Martel by _____ Date/Time: 10/24/25

First Draw
12 Mudd Elementary School

820 Stone Avenue Waldorf, MD 20602

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 #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Goose-neck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption C or NC2	Flush	Martel NO:	
							Flush Date	86010	
1	1	SMES-1-FC	Sink	FC	A2A Nurse	C	10/21	4:15	
2	2	SMES-2-FC	Sink	FC	A2 Nurse	C	↓		
3	4	SMES-4-FC	Sink	FC	A3 Work Room	C			
4	5	SMES-5-FC	Sink	FC	A8 Conference Room	C			
5	6	SMES-6-DC	Low Water Fountain	DC	101 Café	C			4:18
6	7	SMES-7-DC	High Water Fountain	DC	101 Café	C			4:18
7	8	SMES-8-BU	Bottle Filler	BU	101 Café	C			4:18
8	9	SMES-9-IM	Ice Machine	IM	Kitchen	C			4:21
9	11	SMES-11-FC	Sink (2 Compartment)	FC	Kitchen	C			
10	12	SMES-12-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C			
11	13	SMES-13-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C			
12	14	SMES-14-DC	High Water Fountain	DC	Gym	C			4:23
13	15	SMES-15-BU	Bottle Filler	BU	Gym	C			4:23
14	16	SMES-16-DC	Low Water Fountain	DC	Gym	C			4:23
15	18	SMES-18-DC	High Water Fountain	DC	Hall Between 4th & 5th Grade	C			4:26
16	19	SMES-19-BU	Bottle Filler	BU	Hall Between 4th & 5th Grade	C			4:26
17	20	SMES-20-DC	Low Water Fountain	DC	Hall Between 4th & 5th Grade	C			4:26
18	22	SMES-22-FC	Sink	FC	Pre-K Collaborative Area	C			4:32
19	23	SMES-23-FC	Sink	FC	301 (Sp-Ed) Pull Out	C			4:29
20	24	SMES-24-FC	Sink	FC	17 Judy Center (Sp-Ed) Pull Out	C			4:35
21	26	SMES-26-FC	Sink	FC	205 Staff Lounge	C			4:28
22	27	SMES-27-FC	Sink	FC	208 - Pre-K	C			4:27
23	29	SMES-29-FC	Sink	FC	207 (Sp-Ed) SOAR	C			4:27
24	30	SMES-30-FC	Sink	FC	202 (Sp-Ed) Speech & Pull Out	C			4:36

First Draw
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820 Stone Avenue Waldorf, MD 20602

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

							Flush	Martel NO: 86010
25	31	SMES-31-DC	High Water Fountain	DC	Hall by Counselor's Office	C	10/21	4:36
26	32	SMES-32-BU	Bottle Filler	BU	Hall by Counselor's Office	C	↓	↓
27	33	SMES-33-DC	Low Water Fountain	DC	Hall by Counselor's Office	C	↓	↓
28	1F	SMES-1F-FC	Sink	FC	A2A Nurse	C		FLUSH 4:39
29	2F	SMES-2F-FC	Sink	FC	A2 Nurse	C		FLUSH 4:39
30	11F	SMES-11F-FC	Sink (2 Compartment)	FC	Kitchen	C		FLUSH 4:42
31	12F	SMES-12F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		FLUSH ↓
32	13F	SMES-13F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		FLUSH ↓

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