



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: 86003.

First Draw samples flushed by Martel on October 14, 2025 sampled by Martel on October 15, 2025.

Project Identification: MD HB 270

School: Malcolm 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.

Project Manager



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000001	MES-1-DC cafeteria water fountain	10/15/2025 04:04			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000002	MES-4-FC kitchen 2 comp sink(near boiler room)	10/15/2025 04:08			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.06	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000003	MES-5-IM kitchen (near boiler room) Ice Machine	10/15/2025 04:08			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000004	MES-6-FC kitchen (near manager's office) 2 comp sink(near	10/15/2025 04:08			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000005	MES-7-DC gym water fountain	10/15/2025 04:10			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000006	MES-8-FC Room 239 nurse office sink	10/15/2025 04:13			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.09	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000007	MES-9-DC corridor water fountain - Left	10/15/2025 04:13			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	4.56	ug/l	EPA 200.8	2	02/03/2026 MSS	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86003 000008	MES-10-DC corridor water fountain - Right	10/15/2025 04:13			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.52	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86003 000009	MES-11-DC corridor water fountain	10/15/2025 04:15			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86003 000010	MES-12-FC Classroom 208 - Staff work room sink	10/15/2025 04:17			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.32	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86003 000011	MES-13-DB Classroom 208 - Staff work room bubbler	10/15/2025 04:17			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.57	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86003 000012	MES-14-FC Classroom 211 - SOAR Special Ed sink	10/15/2025 04:19			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.04	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86003 000013	MES-15-DB Classroom 211 - SOAR Special Ed bubbler	10/15/2025 04:19			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.66	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86003 000014	MES-16-FC Classroom 221 - PreK sink	10/15/2025 04:20			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.98	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
86003	000015	MES-17-DB Classroom 221 - PreK bubbler				10/15/2025 04:20
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
86003	000016	MES-19-FC Classroom 212 - Math Intervention sink				10/15/2025 04:23
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	1.01	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
86003	000017	MES-20-DB Classroom 212 - Math Intervention bubbler				10/15/2025 04:23
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
86003	000018	MES-21-DC corridor water fountain - Left				10/15/2025 04:24
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	1.37	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
86003	000019	MES-22-DC corridor water fountain - Right				10/15/2025 04:24
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
86003	000020	MES-23-FC CR 213 (Sp-Ed)Pull Out sink				10/15/2025 04:29
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
86003	000021	MES-24-DB CR 213 (Sp-Ed)Pull Out bubbler				10/15/2025 04:29
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	1.89	ug/l	EPA 200.8	2	02/03/2026 MSS	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000022	MES-27-FC CR 217 Reading Intervention sink - Center of room	10/15/2025 04:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	5.2	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000023	MES-28-DB CR 217 Reading Intervention bubbler	10/15/2025 04:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	5.47	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000024	MES-29-FC CR 217 Reading Intervention sink - Next to stove	10/15/2025 04:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.11	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000025	MES-36-DC corridor water fountain	10/15/2025 04:38			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000026	MES-37-DC corridor water fountain	10/15/2025 04:40			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000027	MES-48-DC corridor water fountain - Left	10/15/2025 04:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	1.02	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000028	MES-49-DC corridor water fountain - Right	10/15/2025 04:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	



Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86003 000029	MES-50-BU Cafeteria Bottle Filler				10/15/2025 04:04
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86003 000030	MES-51-BU Corridor Bottle Filler				10/15/2025 04:15
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86003 000031	MES-52-BU Corridor Bottle Filler				10/15/2025 04:40
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86003 000032	MES-53-FC Classroom 301 - K Sink				10/15/2025 04:32
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86003 000033	MES-54-DB Classroom 301 - K Bubblers				10/15/2025 04:32
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86003 000034	MES-55-FC Classroom 305 - Activity Area Sink				10/15/2025 04:32
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86003 000035	MES-56-FC Classroom 302 - K Sink				10/15/2025 04:35
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.01	ug/l	EPA 200.8	2	02/03/2026 MSS



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000036	MES-57-DB Classroom 302 - K Bubblers	10/15/2025 04:35			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000038	MES-59-DB Classroom 303 - K Bubblers	10/15/2025 04:35			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000039	MES-60-FC Classroom 304 - PK sink	10/15/2025 04:36			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000040	MES-61-DB Classroom 304 - PK Bubblers	10/15/2025 04:36			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	1.16	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000041	MES-4F-FC kitchen 2 comp sink(near boiler room)	10/15/2025 04:49			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000042	MES-6F-FC kitchen (near manager's office) 2 comp sink(near	10/15/2025 04:49			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 MSS	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86003	000043	MES-8F-FC Room 239 nurse office sink	10/15/2025 04:49			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/03/2026 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: 10/15/25 4:04am End Date/Time: 10/15/25 4:49am

Sampler/Relinquished By: MWV Sim R Received at Martel by [Signature] Date/Time: 10/17/25

First Draw

07 Malcolm Elementary School

14760 Poplar Hill Road Waldorf, MD 20601

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, Gosseneck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption Cor NGT	Flush	Martel NO:
							Flush Date	86003
1	1	MES-1-DC	water fountain	DC	cafeteria	C	10/14	4:04
2	4	MES-4-FC	2 comp sink(near boiler room)	FC	kitchen	C	↓	4:08
3	5	MES-5-IM	Ice Machine	IM	kitchen (near boiler room)	C		↓
4	6	MES-6-FC	2 comp sink(near manager's office)	FC	kitchen (near manager's office)	C		↓
5	7	MES-7-DC	water fountain	DC	gym	C		4:10
6	8	MES-8-FC	sink	FC	Room 239 nurse office	C		4:13
7	9	MES-9-DC	water fountain - Left	DC	corridor	C		4:13
8	10	MES-10-DC	water fountain - Right	DC	corridor	C		4:13
9	11	MES-11-DC	water fountain	DC	corridor	C		4:15
10	12	MES-12-FC	sink	FC	Classroom 208 - Staff work room	C		4:17
11	13	MES-13-DB	bubbler	DB	Classroom 208 - Staff work room	C		4:17
12	14	MES-14-FC	sink	FC	Classroom 211 - SOAR Special Ed	C		4:19
13	15	MES-15-DB	bubbler	DB	Classroom 211 - SOAR Special Ed	C		4:19
14	16	MES-16-FC	sink	FC	Classroom 221 - PreK	C		4:20
15	17	MES-17-DB	bubbler	DB	Classroom 221 - PreK	C		4:20
16	19	MES-19-FC	sink	FC	Classroom 212 - Math Intervention	C		4:23
17	20	MES-20-DB	bubbler	DB	Classroom 212 - Math Intervention	C		4:23
18	21	MES-21-DC	water fountain - Left	DC	corridor	C		4:24
19	22	MES-22-DC	water fountain - Right	DC	corridor	C		4:24
20	23	MES-23-FC	sink	FC	CR 213 (Sp-Ed) Pull Out	C		4:29
21	24	MES-24-DB	bubbler	DB	CR 213 (Sp-Ed) Pull Out	C		↓
22	27	MES-27-FC	sink - Center of room	FC	CR 217 Reading Intervention	C		
23	28	MES-28-DB	bubbler	DB	CR 217 Reading Intervention	C		
24	29	MES-29-FC	sink - Next to stove	FC	CR 217 Reading Intervention	C		

First Draw
07 Malcolm Elementary School

14760 Poplar Hill Road Waldorf, MD 20601

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: 86003
25	36	MES-36-DC	water fountain	DC	corridor	C	10/14	4:38
26	37	MES-37-DC	water fountain	DC	corridor	C	↓	4:40
27	48	MES-48-DC	water fountain - Left	DC	corridor	C		4:42
28	49	MES-49-DC	water fountain - Right	DC	corridor	C		4:42
29	50	MES-50-BU	Bottle Filler	BU	Cafeteria	C		4:04
30	51	MES-51-BU	Bottle Filler	BU	Corridor	C		4:15
31	52	MES-52-BU	Bottle Filler	BU	Corridor	C		4:40
32	53	MES-53-FC	Sink	FC	Classroom 301 - K	C		4:32
33	54	MES-54-DB	Bubbler	DB	Classroom 301 - K	C		4:32
34	55	MES-55-FC	Sink	FC	Classroom 305 - Activity Area	C		4:32
35	56	MES-56-FC	Sink	FC	Classroom 302 - K	C		4:35
36	57	MES-57-DB	Bubbler	DB	Classroom 302 - K	C	4:35	
37	58	MES-58-FC	Sink	FC	Classroom 303 - K	C	★ No SAMP	
38	59	MES-59-DB	Bubbler	DB	Classroom 303 - K	C	4:35	
39	60	MES-60-FC	sink	FC	Classroom 304 - PK	C	4:36	
40	61	MES-61-DB	Bubbler	DB	Classroom 304 - PK	C	4:36	
41	4F	MES-4F-FC	2 comp sink(near boiler room)	FC	kitchen	C	↓	FLUSH 4:49
42	6F	MES-6F-FC	2 comp sink(near manager's office)	FC	kitchen (near manager's office)	C		FLUSH ↓
43	8F	MES-8F-FC	sink	FC	Room 239 nurse office	C		FLUSH ↓