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Charles County Public Schools

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

Attention:

Monday, March 2, 2026

Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 86016.

First Draw samples flushed by Martel on October 23, 2025 sampled by Martel on October 24, 2025.

Project Identification: MD HB 270

School: Dr. Thomas L. Higdon Elementary

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,

* Indicates result(s) greater than 5.5 ug/l - regulatory limit for these samples.

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

Page 01 of

8

Project Manager



MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-1-DC main corridor water fountain on left Sample Date/Time 10/24/2025 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-2-DC main corridor water fountain on right Sample Date/Time 10/24/2025 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-3-FC teacher lounge CR 125 teacher lounge sink Sample Date/Time 10/24/2025 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.65	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-5-DC corridor next to cr 131 water fountain Sample Date/Time 10/24/2025 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-20-DC corridor water fountain Sample Date/Time 10/24/2025 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-45-FC cr 105 (Sp-Ed) Life Skills sink Sample Date/Time 10/24/2025 05:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-46-DB cr 105 (Sp-Ed) Life Skills bubbler Sample Date/Time 10/24/2025 05:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS



MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-47-FC cr 103 - Pre-K Sink - Right Sample Date/Time 10/24/2025 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.57	ug/l*	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-48-DB cr 103 - Pre-K bubbler Sample Date/Time 10/24/2025 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.26	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-49-FC cr 103 - Pre-K sink - Left Sample Date/Time 10/24/2025 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-50-FC cr 101 - K sink - Left Sample Date/Time 10/24/2025 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-51-DB cr 101 - K bubbler Sample Date/Time 10/24/2025 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-52-FC cr 101 - K sink - Right Sample Date/Time 10/24/2025 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-53-FC cr 102 - K sink - Right Sample Date/Time 10/24/2025 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS



Certificate of Analysis

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-54-DB cr 102 - K bubbler Sample Date/Time 10/24/2025 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.73	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-56-DC hallway next to cr 102 water fountain Sample Date/Time 10/24/2025 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-57-DC auditorium/ lunch room water fountain Sample Date/Time 10/24/2025 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-58-FC Kitchen - Left Fixture on 3 Comp Sink Sink - Left Sample Date/Time 10/24/2025 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.46	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-59-FC Kitchen - Right Fixture on 3 Comp Sink Sink - Right Sample Date/Time 10/24/2025 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.77	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-60-FC kitchen island sink Sample Date/Time 10/24/2025 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.49	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-61-FC kitchen 2 comp sink Sample Date/Time 10/24/2025 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	15	ug/l*	EPA 200.8	2	02/06/2026 MSS



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86016 000022	HES-62-FC kitchen island sink next to water foun	10/24/2025 05:38			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS
86016 000024	HES-64-IM Kitchen Ice Machine	10/24/2025 05:40			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS
86016 000025	HES-66-FC Nurse's Office sink	10/24/2025 05:43			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.68	ug/l	EPA 200.8	2	02/06/2026 MSS
86016 000026	HES-67-BU Café Bottle Filler	10/24/2025 05:36			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS
86016 000027	HES-68-BU Corridor Bottle Filler	10/24/2025 05:43			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS
86016 000028	HES-69-BU Corridor Bottle Filler	10/24/2025 05:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS
86016 000029	HES-58F-FC Kitchen - Left Fixture on 3 Comp Sink Sink - Left	10/24/2025 05:49			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS



MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-59F-FC Kitchen - Right Fixture on 3 Comp Sink Sink - Rig Sample Date/Time 10/24/2025 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-60F-FC kitchen island sink Sample Date/Time 10/24/2025 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-61F-FC kitchen 2 comp sink Sample Date/Time 10/24/2025 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.92	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-62F-FC kitchen island sink next to water foun Sample Date/Time 10/24/2025 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 MSS

MARTEL NO. 86016 CLIENT SAMPLE IDENTIFICATION HES-66F-FC Nurse's Office sink Sample Date/Time 10/24/2025 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/06/2026 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: 10/24/25 5:22am End Date/Time: 10/24/25 5:49am

Sampler/Relinquished By: Nancy Sim-h Received at Martel by _____ Date/Time: 10/24/25

First Draw
16- Dr. Thomas L. Higdon Elementary

12872 Rock Point Road Newburg, MD 20664

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:

86016

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 NC?	Flush	Sample Time	
							Flush Date		
1	1	HES-1-DC	water fountain on left	DC	main corridor	C	10/23	5:22	
2	2	HES-2-DC	water fountain on right	DC	main corridor	C	↓	↓	
3	3	HES-3-FC	teacher lounge sink	FC	teacher lounge CR 125	C		↓	
4	5	HES-5-DC	water fountain	DC	corridor next to cr 131	C		5:25	
5	20	HES-20-DC	water fountain	DC	corridor	C		5:26	
6	45	HES-45-FC	sink	FC	cr 105 (Sp-Ed) Life Skills	C		5:28	
7	46	HES-46-DB	bubbler	DB	cr 105 (Sp-Ed) Life Skills	C		5:28	
8	47	HES-47-FC	Sink - Right	FC	cr 103 - Pre-K	C		5:30	
9	48	HES-48-DB	bubbler	DB	cr 103 - Pre-K	C		5:30	
10	49	HES-49-FC	sink - Left	FC	cr 103 - Pre-K	C		5:30	
11	50	HES-50-FC	sink - Left	FC	cr 101 - K	C		5:32	
12	51	HES-51-DB	bubbler	DB	cr 101 - K	C		5:32	
13	52	HES-52-FC	sink - Right	FC	cr 101 - K	C		5:32	
14	53	HES-53-FC	sink - Right	FC	cr 102 - K	C		5:33	
15	54	HES-54-DB	bubbler	DB	cr 102 - K	C		5:33	
16	56	HES-56-DC	water fountain	DC	hallway next to cr 102	C		5:34	
17	57	HES-57-DC	water fountain	DC	auditorium/ lunch room	C		5:36	
18	58	HES-58-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		5:38	
19	59	HES-59-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		↓	
20	60	HES-60-FC	island sink	FC	kitchen	C			
21	61	HES-61-FC	2 comp sink	FC	kitchen	C			
22	62	HES-62-FC	island sink next to water fountain	FC	kitchen	C			
23	63	HES-63-DC	water fountain	DC	kitchen	C		↓	NO SAMP
24	64	HES-64-IM	Ice Machine	IM	Kitchen	C		↓	5:40

P07

First Draw

16- Dr. Thomas L. Higdon Elementary

12872 Rock Point Road Newburg, MD 20664

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:

86016

							Flush	Martel NO:
25	66	HES-66-FC	sink	FC	Nurse's Office	C	10/23	5:43
26	67	HES-67-BU	Bottle Filler	BU	Café	C	↓	5:36
27	68	HES-68-BU	Bottle Filler	BU	Corridor	C	↓	5:43
28	69	HES-69-BU	Bottle Filler	BU	Corridor	C	↓	5:26
29	58F	HES-58F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		FLUSH 5:49
30	59F	HES-59F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		FLUSH ↓
31	60F	HES-60F-FC	Island sink	FC	kitchen	C		FLUSH ↓
32	61F	HES-61F-FC	2 comp sink	FC	kitchen	C		FLUSH ↓
33	62F	HES-62F-FC	Island sink next to water fountain	FC	kitchen	C		FLUSH ↓
34	63F	HES-63F-DC	water fountain	DC	kitchen	C		FLUSH *NO SAMP
35	66F	HES-66F-FC	sink	FC	Nurse's Office	C		FLUSH 5:44

P08