



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

Thursday, February 13, 2025
Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 78012.

First Draw samples flushed by Martel on November 13, 2024 sampled by Martel on November 14, 2024.

Project Identification: MD HB 270

School: Mt. Hope 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.

* 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.


Project Manager



MARTEL NO. 78012 5 CLIENT SAMPLE IDENTIFICATION MHES-5-FC Sample Date/Time 11/14/2024 05:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 18:45 BJ

MARTEL NO. 78012 6 CLIENT SAMPLE IDENTIFICATION MHES-6-DB Sample Date/Time 11/14/2024 05:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 18:55 BJ

MARTEL NO. 78012 7 CLIENT SAMPLE IDENTIFICATION MHES-7-FC Sample Date/Time 11/14/2024 05:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 18:59 BJ

MARTEL NO. 78012 8 CLIENT SAMPLE IDENTIFICATION MHES-8-DB Sample Date/Time 11/14/2024 05:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:02 BJ

MARTEL NO. 78012 9 CLIENT SAMPLE IDENTIFICATION MHES-9-FC Sample Date/Time 11/14/2024 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:04 BJ

MARTEL NO. 78012 10 CLIENT SAMPLE IDENTIFICATION MHES-10-DB Sample Date/Time 11/14/2024 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:07 BJ

MARTEL NO. 78012 11 CLIENT SAMPLE IDENTIFICATION MHES-11-FC Sample Date/Time 11/14/2024 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:09 BJ

MARTEL NO. 78012 12 CLIENT SAMPLE IDENTIFICATION MHES-12-FC Sample Date/Time 11/14/2024 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:12 BJ

MARTEL NO. 78012 13 CLIENT SAMPLE IDENTIFICATION MHES-13-FC Sample Date/Time 11/14/2024 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
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MARTEL NO. 78012 13 CLIENT SAMPLE IDENTIFICATION MHES-13-FC Sample Date/Time 11/14/2024 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:14 BJ

MARTEL NO. 78012 15 CLIENT SAMPLE IDENTIFICATION MHES-15-FC Sample Date/Time 11/14/2024 05:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:16 BJ

MARTEL NO. 78012 17 CLIENT SAMPLE IDENTIFICATION MHES-17-FC Sample Date/Time 11/14/2024 05:19

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:24 BJ

MARTEL NO. 78012 19 CLIENT SAMPLE IDENTIFICATION MHES-19-FC Sample Date/Time 11/14/2024 05:19

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:31 BJ

MARTEL NO. 78012 26 CLIENT SAMPLE IDENTIFICATION MHES-26-FC Sample Date/Time 11/14/2024 05:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.85	ug/l	EPA .200.8	2	01/30/2025 19:34 BJ

MARTEL NO. 78012 27 CLIENT SAMPLE IDENTIFICATION MHES-27-DB Sample Date/Time 11/14/2024 05:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:36 BJ

MARTEL NO. 78012 32 CLIENT SAMPLE IDENTIFICATION MHES-32-DC Sample Date/Time 11/14/2024 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:38 BJ

MARTEL NO. 78012 37 CLIENT SAMPLE IDENTIFICATION MHES-37-DC Sample Date/Time 11/14/2024 05:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:41 BJ

MARTEL NO. 78012 44 CLIENT SAMPLE IDENTIFICATION MHES-44-DC Sample Date/Time 11/14/2024 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
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MARTEL NO. 78012 44 CLIENT SAMPLE IDENTIFICATION MHES-44-DC Sample Date/Time 11/14/2024 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:43 BJ

MARTEL NO. 78012 47 CLIENT SAMPLE IDENTIFICATION MHES-47-FC Sample Date/Time 11/14/2024 05:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:46 BJ

MARTEL NO. 78012 50 CLIENT SAMPLE IDENTIFICATION MHES-50-FC Sample Date/Time 11/14/2024 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 19:55 BJ

MARTEL NO. 78012 51 CLIENT SAMPLE IDENTIFICATION MHES-51-FC Sample Date/Time 11/14/2024 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:00 BJ

MARTEL NO. 78012 52 CLIENT SAMPLE IDENTIFICATION MHES-52-FC Sample Date/Time 11/14/2024 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:03 BJ

MARTEL NO. 78012 53 CLIENT SAMPLE IDENTIFICATION MHES-53-FC Sample Date/Time 11/14/2024 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:05 BJ

MARTEL NO. 78012 54 CLIENT SAMPLE IDENTIFICATION MHES-54-FC Sample Date/Time 11/14/2024 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	14.2	ug/l*	EPA .200.8	2	01/30/2025 20:08 BJ

MARTEL NO. 78012 63 CLIENT SAMPLE IDENTIFICATION MHES-63-IM Sample Date/Time 11/14/2024 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:10 BJ

MARTEL NO. 78012 64 CLIENT SAMPLE IDENTIFICATION MHES-64-DC Sample Date/Time 11/14/2024 05:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
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MARTEL NO. 78012 64 CLIENT SAMPLE IDENTIFICATION MHES-64-DC Sample Date/Time 11/14/2024 05:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:13 BJ

MARTEL NO. 78012 65 CLIENT SAMPLE IDENTIFICATION MHES-65-BU Sample Date/Time 11/14/2024 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:15 BJ

MARTEL NO. 78012 66 CLIENT SAMPLE IDENTIFICATION MHES-66-BU Sample Date/Time 11/14/2024 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:17 BJ

MARTEL NO. 78012 50F CLIENT SAMPLE IDENTIFICATION MHES-50F-FC FLUSH Sample Date/Time 11/14/2024 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:20 BJ

MARTEL NO. 78012 51F CLIENT SAMPLE IDENTIFICATION MHES-51F-FC FLUSH Sample Date/Time 11/14/2024 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:27 BJ

MARTEL NO. 78012 52F CLIENT SAMPLE IDENTIFICATION MHES-52F-FC FLUSH Sample Date/Time 11/14/2024 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:35 BJ

MARTEL NO. 78012 53F CLIENT SAMPLE IDENTIFICATION MHES-53F-FC FLUSH Sample Date/Time 11/14/2024 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:37 BJ

MARTEL NO. 78012 54F CLIENT SAMPLE IDENTIFICATION MHES-54F-FC FLUSH Sample Date/Time 11/14/2024 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/30/2025 20:40 BJ

MARTEL Chain of Custody Record

Martel Laboratories JDS Inc. 1045 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: 11/14/24 5:09am End Date/Time: 11/14/24 5:41am

Sampler/Relinquished By: Naveen Simms-Clark Received at Martel by _____ Date/Time: 11/15/24

11- Mt. Hope ES
First Draw

9275 Ironsides Road Nanjemoy, MD 20662

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 <small>Credits</small>	Room/Location	Consumption <small>Cor. NSZ</small>	Flush	Martel NO:
							Flush Date	78012
							Sample Time	
1	5	MHES-5-FC	sink	FC	cr 55 (Sp-Ed) Pull Out	C	11/13	5:09
2	6	MHES-6-DB	bubbler	DB	cr 55 (Sp-Ed) Pull Out	C	11/13	5:09
3	7	MHES-7-FC	sink	FC	cr 54 (Sp-Ed) Pull Out - Speech	C	11/13	5:11
4	8	MHES-8-DB	bubbler	DB	cr 54 (Sp-Ed) Pull Out - Speech	C	11/13	5:11
5	9	MHES-9-FC	sink	FC	cr 53 - K	C	11/13	5:13
6	10	MHES-10-DB	bubbler	DB	cr 53 - K	C	11/13	5:13
7	11	MHES-11-FC	sink on left	FC	activity room 52	C	11/13	5:15
8	12	MHES-12-FC	sink on right	FC	activity room 52	C	11/13	5:15
9	13	MHES-13-FC	sink	FC	cr 51 - K	C	11/13	5:16
10	14	MHES-14-DB	bubbler	DB	cr 51 - K	C	NO SAMP	NO SAMP
11	15	MHES-15-FC	sink	FC	cr 50 - Pre-K	C	11/13	5:17
12	16	MHES-16-DB	bubbler	DB	cr 50 - Pre-K	C	NO SAMP	NO SAMP
13	17	MHES-17-FC	sink - Right	FC	cr 49 - Pre-K	C	11/13	5:19
14	18	MHES-18-DB	bubbler	DB	cr 49 - Pre-K	C	NO SAMP	NO SAMP
15	19	MHES-19-FC	sink - Left	FC	cr 49 - Pre-K	C	11/13	5:19
16	26	MHES-26-FC	sink	FC	cr 70 (Sp-Ed) Pull Out	C	11/13	5:21
17	27	MHES-27-DB	bubbler	DB	cr 70 (Sp-Ed) Pull Out	C	11/13	5:21
18	32	MHES-32-DC	water fountain	DC	1st grade hallway	C	11/13	5:23
19	37	MHES-37-DC	water fountain	DC	4th grade hallway	C	11/13	5:24
20	44	MHES-44-DC	water fountain	DC	main corridor	C	11/13	5:26
21	47	MHES-47-FC	sink - Next to fridge	FC	teacher lounge	C	11/13	5:27
22	50	MHES-50-FC	island sink	FC	kitchen	C	11/13	5:34
23	51	MHES-51-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	11/13	5:34
24	52	MHES-52-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	11/13	5:34

11- Mt. Hope ES

First Draw

9275 Ironsides Road Nanjemoy, MD 20662

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: 78012
25	53	MHES-53-FC	Island sink - near ice machine	FC	kitchen	C	11/13	5:34
26	54	MHES-54-FC	2 comp sink	FC	kitchen	C	11/13	5:34
27	63	MHES-63-IM	Ice Machine	IM	Kitchen	C	11/13	5:34
28	64	MHES-64-DC	Water Fountain	DC	Gym	C	11/13	5:29
29	65	MHES-65-BU	Bottle Filler	BU	Corridor	C	11/13	5:26
30	66	MHES-66-BU	Bottle Filler	BU	Corridor	C	11/13	5:23
31	50F	MHES-50F-FC	island sink	FC	kitchen	C		FLUSH 5:41
32	51F	MHES-51F-FC	Sink - Left fixture	FC	Kitchen Left Fixture on 2 Comp Sink	C		FLUSH 5:41
33	52F	MHES-52F-FC	Sink - Right fixture	FC	Kitchen Right Fixture on 2 Comp Sink	C		FLUSH 5:41
34	53F	MHES-53F-FC	island sink - near ice machine	FC	kitchen	C		FLUSH 5:41
35	54F	MHES-54F-FC	2 comp sink	FC	kitchen	C		FLUSH 5:41