



Charles County Public Schools

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

Monday, January 30, 2023

Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 60810.

First Draw samples flushed on December 1, 2022, sampled by Martel on December 2, 2022.

Project Identification: MD HB 270

School: John Hanson MS

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.

DL2020



MARTEL NO. 60810 1 CLIENT SAMPLE IDENTIFICATION JHMS-1-FC Sample Date/Time 12/01/2022 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.07	ug/l	EPA 200.8	2	01/20/2023 11:01 BJ

MARTEL NO. 60810 2 CLIENT SAMPLE IDENTIFICATION JHMS-2-FC Sample Date/Time 12/01/2022 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/20/2023 11:13 BJ

MARTEL NO. 60810 3 CLIENT SAMPLE IDENTIFICATION JHMS-3-IM Sample Date/Time 12/01/2022 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/20/2023 11:16 BJ

MARTEL NO. 60810 4 CLIENT SAMPLE IDENTIFICATION JHMS-4-FC Sample Date/Time 12/01/2022 06:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/20/2023 11:18 BJ

MARTEL NO. 60810 5 CLIENT SAMPLE IDENTIFICATION JHMS-5-FC Sample Date/Time 12/01/2022 06:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.53	ug/l	EPA 200.8	2	01/20/2023 11:21 BJ

MARTEL NO. 60810 7 CLIENT SAMPLE IDENTIFICATION JHMS-7-FC Sample Date/Time 12/01/2022 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/20/2023 11:23 BJ

MARTEL NO. 60810 8 CLIENT SAMPLE IDENTIFICATION JHMS-8-FC Sample Date/Time 12/01/2022 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.80	ug/l	EPA 200.8	2	01/20/2023 11:25 BJ

MARTEL NO. 60810 9 CLIENT SAMPLE IDENTIFICATION JHMS-9-FC Sample Date/Time 12/01/2022 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/20/2023 11:28 BJ



MARTEL NO. 60810 10 CLIENT SAMPLE IDENTIFICATION JHMS-10-DC Sample Date/Time 12/01/2022 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 11:30 BJ

MARTEL NO. 60810 11 CLIENT SAMPLE IDENTIFICATION JHMS-11-DC Sample Date/Time 12/01/2022 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 11:33 BJ

MARTEL NO. 60810 12 CLIENT SAMPLE IDENTIFICATION JHMS-12-DC Sample Date/Time 12/01/2022 06:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.77	ug/l	EPA .200.8	2	01/20/2023 11:43 BJ

MARTEL NO. 60810 13 CLIENT SAMPLE IDENTIFICATION JHMS-13-DC Sample Date/Time 12/01/2022 06:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 11:48 BJ

MARTEL NO. 60810 14 CLIENT SAMPLE IDENTIFICATION JHMS-14-FC Sample Date/Time 12/01/2022 06:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 11:50 BJ

MARTEL NO. 60810 15 CLIENT SAMPLE IDENTIFICATION JHMS-15-FC Sample Date/Time 12/01/2022 06:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 11:53 BJ

MARTEL NO. 60810 18 CLIENT SAMPLE IDENTIFICATION JHMS-18-FC Sample Date/Time 12/01/2022 06:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 11:55 BJ

MARTEL NO. 60810 19 CLIENT SAMPLE IDENTIFICATION JHMS-19-FC Sample Date/Time 12/01/2022 06:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.08	ug/l*	EPA .200.8	2	01/20/2023 11:58 BJ



MARTEL NO. 60810 23 CLIENT SAMPLE IDENTIFICATION JHMS-23-DC Sample Date/Time 12/01/2022 06:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12.00 BJ

MARTEL NO. 60810 24 CLIENT SAMPLE IDENTIFICATION JHMS-24-DC Sample Date/Time 12/01/2022 06:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12.02 BJ

MARTEL NO. 60810 25 CLIENT SAMPLE IDENTIFICATION JHMS-25-DC Sample Date/Time 12/01/2022 06:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12.05 BJ

MARTEL NO. 60810 26 CLIENT SAMPLE IDENTIFICATION JHMS-26-DC Sample Date/Time 12/01/2022 06:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12.07 BJ

MARTEL NO. 60810 27 CLIENT SAMPLE IDENTIFICATION JHMS-27-DC Sample Date/Time 12/01/2022 06:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:15 BJ

MARTEL NO. 60810 28 CLIENT SAMPLE IDENTIFICATION JHMS-28-DC Sample Date/Time 12/01/2022 06:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12.22 BJ

MARTEL NO. 60810 29 CLIENT SAMPLE IDENTIFICATION JHMS-29-DB Sample Date/Time 12/01/2022 06:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:25 BJ

MARTEL NO. 60810 31 CLIENT SAMPLE IDENTIFICATION JHMS-31-DB Sample Date/Time 12/01/2022 06:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:27 BJ



MARTEL NO. 60810 33 CLIENT SAMPLE IDENTIFICATION JHMS-33-DC Sample Date/Time 12/01/2022 06:51

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:29 BJ

MARTEL NO. 60810 34 CLIENT SAMPLE IDENTIFICATION JHMS-34-BU Sample Date/Time 12/01/2022 06:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:32 BJ

MARTEL NO. 60810 35 CLIENT SAMPLE IDENTIFICATION JHMS-35-BU Sample Date/Time 12/01/2022 06:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.94	ug/l	EPA .200.8	2	01/20/2023 12:34 BJ

MARTEL NO. 60810 36 CLIENT SAMPLE IDENTIFICATION JHMS-36-BU Sample Date/Time 12/01/2022 06:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:37 BJ

MARTEL NO. 60810 37 CLIENT SAMPLE IDENTIFICATION JHMS-37-BU Sample Date/Time 12/01/2022 06:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.61	ug/l	EPA .200.8	2	01/20/2023 12:39 BJ

MARTEL NO. 60810 4F CLIENT SAMPLE IDENTIFICATION JHMS-4F-FC FLUSHED Sample Date/Time 12/01/2022 07:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:42 BJ

MARTEL NO. 60810 5F CLIENT SAMPLE IDENTIFICATION JHMS-5F-FC FLUSHED Sample Date/Time 12/01/2022 07:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:51 BJ

MARTEL NO. 60810 7F CLIENT SAMPLE IDENTIFICATION JHMS-7F-FC FLUSHED Sample Date/Time 12/01/2022 07:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/20/2023 12:56 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60810 8F	JHMS-8F-FC FLUSHED	12/01/2022 07:07			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/20/2023 12:59 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60810 9F	JHMS-9F-FC FLUSHED	12/01/2022 07:07			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/20/2023 13:01 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 HNO₃ Analysis: Lead (EPA 200.8)

Sample Start Date/Time: 12/2/22 6:04 AM ~~12/1/22 6:12 PM~~ End Date/Time: 12/2/22 7:10 AM

Sampler/Relinquished By: Nour Arnaut Received at Martel by: [Signature] Date/Time: 12-2-22 11:58

33 John Hanson Middle School
3165 John Hanson Drive Waldorf, MD 20601
PSC #08.003 First Draw unless noted
<u>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</u>

12/1/22 6:12 PM - 7:00 PM							Flush	Martel NO: 60810
Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubble, Water Fountain, Ganseneck, Ice Machine, Hand Blb)</small>	Outlet Key Codes	Room/Location	Consumption C or NG?	Flush Date	Sample Time
1	1	JHMS-1-FC	Sink - Left fixture - See map	FC	Kitchen - Left Fixture on 3 Comp Sink	C	6:16	6:25
2	2	JHMS-2-FC	Sink - Right fixture - See map	FC	Kitchen - Right Fixture on 3 Comp Sink	C	6:16	6:25
3	3	JHMS-3-IM	Ice Machine	IM	Kitchen	C		6:25
4	4	JHMS-4-FC	sink/faucet	FC	kitchen 2 comp	C		6:22
5	5	JHMS-5-FC	island sink next to kettle	FC	kitchen	C		6:22
6	7	JHMS-7-FC	island sink	FC	kitchen	C		6:20
7	8	JHMS-8-FC	Sink - Left fixture - See map	FC	Kitchen - Left Fixture on 3 Comp Sink	C		6:20
8	9	JHMS-9-FC	Sink - Right fixture - See map	FC	Kitchen - Right Fixture on 3 Comp Sink	C		6:20
9	10	JHMS-10-DC	water fountain on left	DC	Café - lower level	C	6:19	6:31
10	11	JHMS-11-DC	water fountain on right	DC	Café - lower level	C	6:19	6:31
11	12	JHMS-12-DC	water fountain on left	DC	Café - upper level - Left	C	6:22	6:33
12	13	JHMS-13-DC	water fountain on right	DC	Café - upper level - Right	C	6:22	6:33
13	14	JHMS-14-FC	sink	FC	Nurse Office	C	6:14	6:37
14	15	JHMS-15-FC	sink	FC	Office work room	C	6:13	6:37
15	18	JHMS-18-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C	6:30	6:40
16	19	JHMS-19-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C	6:30	6:40
17	23	JHMS-23-DC	water fountain	DC	corridor	C	6:33	6:44
18	24	JHMS-24-DC	water fountain	DC	corridor	C	6:36	6:44
19	25	JHMS-25-DC	water fountain	DC	corridor	C	6:39	6:45
20	26	JHMS-26-DC	water fountain	DC	corridor	C	6:32	6:48
21	27	JHMS-27-DC	water fountain	DC	gym lower level	C	6:45	6:48
22	28	JHMS-28-DC	water fountain	DC	gym lower level	C	6:47	6:53
23	29	JHMS-29-DB	water fountain	DB	Gym upper level on inside wall	C	6:49	6:58

33 John Hanson Middle School

3165 John Hanson Drive Waldorf, MD 20601

PSC #08.003 First Draw unless noted

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

24	31	JHMS-31-DB	water fountain	DB	gym upper level - outside wall	C	6:50	6:50
25	33	JHMS-33-DC	water fountain	DC	water fountain lower level/ramp	C	6:53	6:51
26	34	JHMS-34-BU	Bottle Filler	BU	Gym upper level on inside wall	C	6:47	6:56
27	35	JHMS-35-BU	Bottle Filler	BU	Café - upper level - Right	C	6:29	6:34
28	36	JHMS-36-BU	Bottle Filler	BU	Café - upper level - Left	C	6:28	6:34
29	37	JHMS-37-BU	Bottle Filler	BU	gym upper level - outside wall (paired w/ #31)	C	6:50	6:58
30	4F	JHMS-4F-FC	sink/faucet	FC	kitchen 2 comp	C		7:07
31	5F	JHMS-5F-FC	island sink next to kettle	FC	kitchen	C		flush before sample
32	7F	JHMS-7F-FC	island sink	FC	kitchen	C		flush before sample
33	8F	JHMS-8F-FC	Sink - Left fixture - See map	FC	Kitchen - Left Fixture on 3 Comp Sink	C		flush before sample
34	9F	JHMS-9F-FC	Sink - Right fixture - See map	FC	Kitchen - Right Fixture on 3 Comp Sink	C		flush before sample