



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

Monday, March 18, 2024
Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 70115.

First Draw samples flushed by Martel on November 13, 2023, sampled by Martel on November 14, 2023.

Project Identification: MD HB 270

School: Mary H. Matula Elementary School PSC #08.032.

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. 70115 1 CLIENT SAMPLE IDENTIFICATION MMES-1-FC Sample Date/Time 11/14/2023 05:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.84	ug/l	EPA .200.8	2	03/15/2024 17:44 EK

MARTEL NO. 70115 2 CLIENT SAMPLE IDENTIFICATION MMES-2-FC Sample Date/Time 11/14/2023 05:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.82	ug/l*	EPA .200.8	2	03/15/2024 17:49 EK

MARTEL NO. 70115 3 CLIENT SAMPLE IDENTIFICATION MMES-3-FC Sample Date/Time 11/14/2023 06:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.52	ug/l	EPA .200.8	2	03/15/2024 17:51 EK

MARTEL NO. 70115 4 CLIENT SAMPLE IDENTIFICATION MMES-4-FC Sample Date/Time 11/14/2023 06:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.33	ug/l	EPA .200.8	2	03/15/2024 17:54 EK

MARTEL NO. 70115 5 CLIENT SAMPLE IDENTIFICATION MMES-5-FC Sample Date/Time 11/14/2023 06:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.29	ug/l	EPA .200.8	2	03/15/2024 17:56 EK

MARTEL NO. 70115 6 CLIENT SAMPLE IDENTIFICATION MMES-6-IM Sample Date/Time 11/14/2023 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 17:59 EK

MARTEL NO. 70115 7 CLIENT SAMPLE IDENTIFICATION MMES-7-DC Sample Date/Time 11/14/2023 06:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:01 EK

MARTEL NO. 70115 8 CLIENT SAMPLE IDENTIFICATION MMES-8-DC Sample Date/Time 11/14/2023 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:04 EK



MARTEL NO. 70115 91 CLIENT SAMPLE IDENTIFICATION MMES-91-BU Sample Date/Time 11/14/2023 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:06 EK

MARTEL NO. 70115 9 CLIENT SAMPLE IDENTIFICATION MMES-9-DC Sample Date/Time 11/14/2023 06:06

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:09 EK

MARTEL NO. 70115 92 CLIENT SAMPLE IDENTIFICATION MMES-92-BU Sample Date/Time 11/14/2023 06:06

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:16 EK

MARTEL NO. 70115 12 CLIENT SAMPLE IDENTIFICATION MMES-12-FC Sample Date/Time 11/14/2023 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.90	ug/l	EPA .200.8	2	03/15/2024 18:23 EK

MARTEL NO. 70115 13 CLIENT SAMPLE IDENTIFICATION MMES-13-DB Sample Date/Time 11/14/2023 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:26 EK

MARTEL NO. 70115 22 CLIENT SAMPLE IDENTIFICATION MMES-22-FC Sample Date/Time 11/14/2023 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:28 EK

MARTEL NO. 70115 34 CLIENT SAMPLE IDENTIFICATION MMES-34-FC Sample Date/Time 11/14/2023 06:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:31 EK

MARTEL NO. 70115 35 CLIENT SAMPLE IDENTIFICATION MMES-35-DB Sample Date/Time 11/14/2023 06:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.16	ug/l	EPA .200.8	2	03/15/2024 18:33 EK



MARTEL NO. 70115 40 CLIENT SAMPLE IDENTIFICATION MMES-40-FC Sample Date/Time 11/14/2023 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.43	ug/l	EPA .200.8	2	03/15/2024 18:36 EK

MARTEL NO. 70115 41 CLIENT SAMPLE IDENTIFICATION MMES-41-DB Sample Date/Time 11/14/2023 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:38 EK

MARTEL NO. 70115 48 CLIENT SAMPLE IDENTIFICATION MMES-48-DC Sample Date/Time 11/14/2023 06:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:41 EK

MARTEL NO. 70115 93 CLIENT SAMPLE IDENTIFICATION MMES-93-BU Sample Date/Time 11/14/2023 06:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:43 EK

MARTEL NO. 70115 51 CLIENT SAMPLE IDENTIFICATION MMES-51-DC Sample Date/Time 11/14/2023 06:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:53 EK

MARTEL NO. 70115 94 CLIENT SAMPLE IDENTIFICATION MMES-94-BU Sample Date/Time 11/14/2023 06:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 18:58 EK

MARTEL NO. 70115 56 CLIENT SAMPLE IDENTIFICATION MMES-56-FC Sample Date/Time 11/14/2023 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:00 EK

MARTEL NO. 70115 57 CLIENT SAMPLE IDENTIFICATION MMES-57-DB Sample Date/Time 11/14/2023 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:03 EK



MARTEL NO. 70115 79 CLIENT SAMPLE IDENTIFICATION MMES-79-FC Sample Date/Time 11/14/2023 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.75	ug/l	EPA 200.8	2	03/15/2024 19:05 EK

MARTEL NO. 70115 80 CLIENT SAMPLE IDENTIFICATION MMES-80-FC Sample Date/Time 11/14/2023 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/15/2024 19:08 EK

MARTEL NO. 70115 81 CLIENT SAMPLE IDENTIFICATION MMES-81-DB Sample Date/Time 11/14/2023 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/15/2024 19:10 EK

MARTEL NO. 70115 86 CLIENT SAMPLE IDENTIFICATION MMES-86-FC Sample Date/Time 11/14/2023 06:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.21	ug/l	EPA 200.8	2	03/15/2024 19:13 EK

MARTEL NO. 70115 87 CLIENT SAMPLE IDENTIFICATION MMES-87-DB Sample Date/Time 11/14/2023 06:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/15/2024 19:15 EK

MARTEL NO. 70115 88 CLIENT SAMPLE IDENTIFICATION MMES-88-FC Sample Date/Time 11/14/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/15/2024 19:17 EK

MARTEL NO. 70115 89 CLIENT SAMPLE IDENTIFICATION MMES-89-FC Sample Date/Time 11/14/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/15/2024 19:25 EK

MARTEL NO. 70115 90 CLIENT SAMPLE IDENTIFICATION MMES-90-DH Sample Date/Time 11/14/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/15/2024 19:32 EK



MARTEL NO. 70115 68 CLIENT SAMPLE IDENTIFICATION MMES-68-FC Sample Date/Time 11/14/2023 06:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:35 EK

MARTEL NO. 70115 69 CLIENT SAMPLE IDENTIFICATION MMES-69-FC Sample Date/Time 11/14/2023 06:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:37 EK

MARTEL NO. 70115 70 CLIENT SAMPLE IDENTIFICATION MMES-70-DB Sample Date/Time 11/14/2023 06:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:40 EK

MARTEL NO. 70115 71 CLIENT SAMPLE IDENTIFICATION MMES-71-FC Sample Date/Time 11/14/2023 06:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:42 EK

MARTEL NO. 70115 72 CLIENT SAMPLE IDENTIFICATION MMES-72-DB Sample Date/Time 11/14/2023 06:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:45 EK

MARTEL NO. 70115 73 CLIENT SAMPLE IDENTIFICATION MMES-73-FC Sample Date/Time 11/14/2023 06:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:47 EK

MARTEL NO. 70115 74 CLIENT SAMPLE IDENTIFICATION MMES-74-DB Sample Date/Time 11/14/2023 06:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:50 EK

MARTEL NO. 70115 75 CLIENT SAMPLE IDENTIFICATION MMES-75-FC Sample Date/Time 11/14/2023 06:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 19:52 EK



MARTEL NO. 70115 76 CLIENT SAMPLE IDENTIFICATION MMES-76-DB Sample Date/Time 11/14/2023 06:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:02 EK

MARTEL NO. 70115 77 CLIENT SAMPLE IDENTIFICATION MMES-77-FC Sample Date/Time 11/14/2023 06:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:07 EK

MARTEL NO. 70115 78 CLIENT SAMPLE IDENTIFICATION MMES-78-DB Sample Date/Time 11/14/2023 06:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:09 EK

MARTEL NO. 70115 1F CLIENT SAMPLE IDENTIFICATION MMES-1-FC Sample Date/Time 11/14/2023 06:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:12 EK

MARTEL NO. 70115 2F CLIENT SAMPLE IDENTIFICATION MMES-2-FC Sample Date/Time 11/14/2023 06:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:14 EK

MARTEL NO. 70115 3F CLIENT SAMPLE IDENTIFICATION MMES-3-FC Sample Date/Time 11/14/2023 06:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:17 EK

MARTEL NO. 70115 4F CLIENT SAMPLE IDENTIFICATION MMES-4-FC Sample Date/Time 11/14/2023 06:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:19 EK

MARTEL NO. 70115 5F CLIENT SAMPLE IDENTIFICATION MMES-5-FC Sample Date/Time 11/14/2023 06:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/15/2024 20:22 EK

MARTEL Chain of Custody Record

Martel Laboratories IDS Inc., 1025 Cromwell Bridge Rd., Baltimore, MD 21286, (410) 825-7790, FAX (410) 821-1054, email: martel@martelabs.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: 11/14/23 0558 End Date/Time: 11/14/23 0700

Sampler/Relinquished By: [Signature] Received at Martel by: [Signature] Date/Time: 11/14/23 1030

20 Mary H. Matula Elementary School PSC #08.032
First Draw

6025 Radio Station Road LaPlata, MD 20646

**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: **70115**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, bubbler, Water Fountain, Goose-neck, Ice Machine, Hose Bibb)</small>	Outlet Key <small>Codes</small>	Room/Location	Consumption <small>C or NG?</small>	Flush	Sample Time
							Flush Date	
1	1	MMES-1-FC	sink on left	FC	kitchen 3 comp	C		558
2	2	MMES-2-FC	sink on right	FC	kitchen 3 comp	C		558
3	3	MMES-3-FC	island sink - next to restroom	FC	kitchen sink	C		600
4	4	MMES-4-FC	island sink	FC	kitchen sink	C		600
5	5	MMES-5-FC	sink	FC	kitchen sink	C		603
6	6	MMES-6-IM	Ice Machine	IM	kitchen sink	C		559
7	7	MMES-7-DC	water fountain	DC	kitchen	C		602
8	8	MMES-8-DC	water fountain	DC	hallway	C		605
9	91	MMES-91-BU	Bottle Filler	BU	Hallway	C		605
10	9	MMES-9-DC	water fountain	DC	hallway	C		606
11	92	MMES-92-BU	Bottle Filler	BU	Hallway	C		608
12	12	MMES-12-FC	sink	FC	CR 132 (Sp-Ed) SOAR	C		610
13	13	MMES-13-DB	bubbler	DB	CR 132 (Sp-Ed) SOAR	C		610
14	22	MMES-22-FC	sink	FC	CR 118A (Sp-Ed) Pull Out	C		613
15	34	MMES-34-FC	sink	FC	CR 121 (Sp-Ed) EA	C		614
16	35	MMES-35-DB	bubbler	DB	CR 121 (Sp-Ed) EA	C		614
17	40	MMES-40-FC	sink	FC	CR 122 (Sp-Ed) EA	C		616
18	41	MMES-41-DB	bubbler	DB	CR 122 (Sp-Ed) EA	C		616
19	48	MMES-48-DC	water fountain	DC	hallway	C		617
20	93	MMES-93-BU	Bottle Filler	BU	Hallway	C		617
21	51	MMES-51-DC	water fountain	DC	hallway	C		621
22	94	MMES-94-BU	Bottle Filler	BU	Hallway	C		621

12 - SOLUSION 607

12A, 13 610

20 Mary H. Matula Elementary School PSC #08.032

First Draw

6025 Radio Station Road LaPlata, MD 20646

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:

Flush 70115

23	56	MMES-56-FC	sink - Left Side	FC	CR 103 (Sp-Ed) SOAR	C			624
24	57	MMES-57-DB	bubbler - Left Side	DB	CR 103 (Sp-Ed) SOAR	C			↓
25	79	MMES-79-FC	sink - Right Side	FC	CR 103 (Sp-Ed) SOAR	C			✗
26	80	MMES-80-FC	sink	FC	Classroom 102 - Pre-K	C			625
27	81	MMES-81-DB	bubbler	DB	Classroom 102 - Pre-K	C			625
28	86	MMES-86-FC	sink	FC	Classroom 100 - Pre-K	C			628
29	87	MMES-87-DB	bubbler <i>OPEN sink</i>	DB	Classroom 100 - Pre-K	C			628
30	88	MMES-88-FC	sink	FC	teacher lounge	C			642
31	89	MMES-89-FC	cold water dispenser	FC	teacher lounge	C			42
32	90	MMES-90-DH	hot water insta hot	DH	teacher lounge	C			42
33	68	MMES-68-FC	sink	FC	203 activity Room	C			623
34	69	MMES-69-FC	sink	FC	Classroom 210 - K	C			632
35	70	MMES-70-DB	bubbler	DB	Classroom 210 - K	C			632
36	71	MMES-71-FC	sink	FC	Classroom 209 - K	C			33
37	72	MMES-72-DB	bubbler	DB	Classroom 209 - K	C			33
38	73	MMES-73-FC	sink	FC	Classroom 204 - K	C			35
39	74	MMES-74-DB	bubbler	DB	Classroom 204 - K	C			35
40	75	MMES-75-FC	sink	FC	Classroom 206 - K	C			37
41	76	MMES-76-DB	bubbler	DB	Classroom 206 - K	C			37
42	77	MMES-77-FC	sink	FC	CR 207 (Sp-Ed) Transition	C			38
43	78	MMES-78-DB	bubbler	DB	CR 207 (Sp-Ed) Transition	C			38
44	1F	MMES-1-FC	sink on left	FC	kitchen 3 comp	C	XXX	Flush at end, record time	46
45	2F	MMES-2-FC	sink on right	FC	kitchen 3 comp	C	XXX	Flush at end, record time	46
46	3F	MMES-3-FC	island sink - next to restroom	FC	kitchen sink	C	XXX	Flush at end, record time	643
47	4F	MMES-4-FC	island sink	FC	kitchen sink	C	XXX	Flush at end, record time	644
48	5F	MMES-5-FC	sink	FC	kitchen sink	C	XXX	Flush at end, record time	48

BV BACK NOW

100A - EXTRA S2D66