



**Charles County Public Schools**

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

**Attention:**

Thursday, May 4, 2023

***Certificate of Analysis***

**FINAL**

**Project Information:**

Report for Lab No: 60806.

First Draw samples flushed by Martel Laboratories on November 29, 2022, sampled by Martel on November 30, 2022.

Project Identification: MD HB 270

School: Walter J. Mitchell ES

**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.



# Certificate of Analysis

MARTEL NO. 60806 1 CLIENT SAMPLE IDENTIFICATION WMES-1-DC Sample Date/Time 11/30/2022 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:11 CSG

MARTEL NO. 60806 2 CLIENT SAMPLE IDENTIFICATION WMES-2-DC Sample Date/Time 11/30/2022 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:14 CSG

MARTEL NO. 60806 3 CLIENT SAMPLE IDENTIFICATION WMES-3-FC Sample Date/Time 11/30/2022 06:06

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:16 CSG

MARTEL NO. 60806 4 CLIENT SAMPLE IDENTIFICATION WMES-4-DB Sample Date/Time 11/30/2022 06:06

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 10:55 BJ

MARTEL NO. 60806 5 CLIENT SAMPLE IDENTIFICATION WMES-5-FC Sample Date/Time 11/30/2022 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:19 CSG

MARTEL NO. 60806 6 CLIENT SAMPLE IDENTIFICATION WMES-6-DB Sample Date/Time 11/30/2022 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:07 BJ

MARTEL NO. 60806 7 CLIENT SAMPLE IDENTIFICATION WMES-7-FC Sample Date/Time 11/30/2022 06:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:10 BJ

MARTEL NO. 60806 8 CLIENT SAMPLE IDENTIFICATION WMES-8-DB Sample Date/Time 11/30/2022 06:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:12 BJ



# Certificate of Analysis

MARTEL NO. 60806 9 CLIENT SAMPLE IDENTIFICATION WMES-9-DC Sample Date/Time 11/30/2022 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:15 BJ

MARTEL NO. 60806 10 CLIENT SAMPLE IDENTIFICATION WMES-10-FC Sample Date/Time 11/30/2022 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:18 BJ

MARTEL NO. 60806 11 CLIENT SAMPLE IDENTIFICATION WMES-11-DB Sample Date/Time 11/30/2022 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:22 CSG

MARTEL NO. 60806 12 CLIENT SAMPLE IDENTIFICATION WMES-12-FC Sample Date/Time 11/30/2022 06:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.19	ug/l	EPA 200.8	2	03/28/2023 16:24 CSG

MARTEL NO. 60806 13 CLIENT SAMPLE IDENTIFICATION WMES-13-DB Sample Date/Time 11/30/2022 06:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:27 CSG

MARTEL NO. 60806 22 CLIENT SAMPLE IDENTIFICATION WMES-22-DC Sample Date/Time 11/30/2022 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:20 BJ

MARTEL NO. 60806 23 CLIENT SAMPLE IDENTIFICATION WMES-23-DC Sample Date/Time 11/30/2022 05:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:23 BJ

MARTEL NO. 60806 24 CLIENT SAMPLE IDENTIFICATION WMES-24-IM Sample Date/Time 11/30/2022 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:25 BJ



# Certificate of Analysis

MARTEL NO. 60806 26 CLIENT SAMPLE IDENTIFICATION WMES-26-FC Sample Date/Time 11/30/2022 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.84	ug/l	EPA 200.8	2	04/25/2023 11:28 BJ

MARTEL NO. 60806 27 CLIENT SAMPLE IDENTIFICATION WMES-27-FC Sample Date/Time 11/30/2022 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.38	ug/l	EPA 200.8	2	04/25/2023 11:39 BJ

MARTEL NO. 60806 28 CLIENT SAMPLE IDENTIFICATION WMES-28-FC Sample Date/Time 11/30/2022 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.70	ug/l	EPA 200.8	2	04/25/2023 11:44 BJ

MARTEL NO. 60806 29 CLIENT SAMPLE IDENTIFICATION WMES-29-FC Sample Date/Time 11/30/2022 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:47 BJ

MARTEL NO. 60806 30 CLIENT SAMPLE IDENTIFICATION WMES-30-FC Sample Date/Time 11/30/2022 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:49 BJ

MARTEL NO. 60806 31 CLIENT SAMPLE IDENTIFICATION WMES-31-DC Sample Date/Time 11/30/2022 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:52 BJ

MARTEL NO. 60806 32 CLIENT SAMPLE IDENTIFICATION WMES-32-FC Sample Date/Time 11/30/2022 06:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.38	ug/l	EPA 200.8	2	04/25/2023 11:54 BJ

MARTEL NO. 60806 33 CLIENT SAMPLE IDENTIFICATION WMES-33-DB Sample Date/Time 11/30/2022 06:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.46	ug/l*	EPA 200.8	2	04/25/2023 11:57 BJ



**Certificate of Analysis**

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
60806 44	WMES-44-DC				11/30/2022 06:28
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 11:59 BJ
60806 57	WMES-57-DC				11/30/2022 06:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	n/a		EPA 200.8	2	11
60806 58	WMES-58-DC				11/30/2022 06:19
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:29 CSG
60806 59	WMES-59-FC				11/30/2022 06:22
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:32 CSG
60806 73	WMES-73-DC				11/30/2022 06:19
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:02 BJ
60806 84	WMES-84-FC				11/30/2022 05:50
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:05 BJ
60806 85	WMES-85-BU				11/30/2022 06:25
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:13 BJ
60806 86	WMES-86-BU				11/30/2022 06:14
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:20 BJ



**Certificate of Analysis**

MARTEL NO. 60806 26F CLIENT SAMPLE IDENTIFICATION WMES-26F-FC Sample Date/Time 11/30/2022 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:23 BJ

MARTEL NO. 60806 27F CLIENT SAMPLE IDENTIFICATION WMES-27F-FC Sample Date/Time 11/30/2022 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:26 BJ

MARTEL NO. 60806 28F CLIENT SAMPLE IDENTIFICATION WMES-28F-FC Sample Date/Time 11/30/2022 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:28 BJ

MARTEL NO. 60806 84F CLIENT SAMPLE IDENTIFICATION WMES-84F-FC Sample Date/Time 11/30/2022 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:31 BJ

MARTEL NO. 60806 30F CLIENT SAMPLE IDENTIFICATION WMES-30F-FC Sample Date/Time 11/30/2022 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	04/25/2023 12:33 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: 11/30/22 05:43 End Date/Time: 11/30/22 6:38

Sampler/Relinquished By: DH Received at Martel by:  Date/Time: 12-1-22 11:25

10 Walter J. Mitchell Elementary  
400 Willow Lane LaPlata, MD 20646  
PSC #08.033 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**

Martel NO:

60806

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Goose-neck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption Cor NG2	Flush	Sample Time
							Flush Date	
1	1	WMES-1-DC	water fountain	DC	Gym	C	11/29	6:16
2	2	WMES-2-DC	water fountain	DC	Gym	C		6:24
3	3	WMES-3-FC	sink	FC	A109 - PreK	C		6:06
4	4	WMES-4-DB	bubbler	DB	A109 - PreK	C		↓
5	5	WMES-5-FC	sink	FC	A108 - PreK	C		6:07
6	6	WMES-6-DB	bubbler	DB	A108 - PreK	C		↓
7	7	WMES-7-FC	sink	FC	A107 - K	C		6:09
8	8	WMES-8-DB	bubbler	DB	A107 - K	C		↓
9	9	WMES-9-DC	water fountain	DC	corridor	C		6:10
10	10	WMES-10-FC	sink	FC	A106 - K	C		6:11
11	11	WMES-11-DB	bubbler	DB	A106 - K	C		↓
12	12	WMES-12-FC	sink	FC	A105 - K	C		6:12
13	13	WMES-13-DB	bubbler	DB	A105 - K	C		↓
14	22	WMES-22-DC	water fountain	DC	corridor	C		6:13
15	23	WMES-23-DC	water fountain	DC	cafeteria	C		5:57
16	24	WMES-24-IM	Ice Machine	IM	kitchen	C		5:48
17	26	WMES-26-FC	2 comp sink	FC	kitchen	C		5:49
18	27	WMES-27-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		↓
19	28	WMES-28-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		↓
20	29	WMES-29-FC	water fountain	FC	corridor	C		5:43
21	30	WMES-30-FC	sink	FC	nurse office	C		5:59
22	31	WMES-31-DC	water fountain	DC	corridor	C		6:25
23	32	WMES-32-FC	sink	FC	B110 (Sp-Ed) Pull Out	C		6:27

10 Walter J. Mitchell Elementary

400 Willow Lane LaPlata, MD 20646

PSC #08.033 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	33	WMES-33-DB	bubbler	DB	B110 (Sp-Ed) Pull Out	C	11/29	6:27
25	44	WMES-44-DC	water fountain	DC	corridor	C	↓	6:28
26	57	WMES-57-DC	water fountain	DC	library	C	N/A	
27	58	WMES-58-DC	water fountain	DC	corridor	C	11/29	6:19
28	59	WMES-59-FC	sink	FC	C110	C	↓	6:22
29	73	WMES-73-DC	water fountain	DC	corridor	C	↓	6:19
30	84	WMES-84-FC	Sink next to dishwasher	FC	Kitchen	C	↓	5:50 DW 11/23/17
31	85	WMES-85-BU	Bottle Filler	BU	Corridor	C	↓	6:25
32	86	WMES-86-BU	Bottle Filler	BU	Corridor	C	↓	6:14
33	26F	WMES-26F-FC	2 comp sink	FC	kitchen	C	X	5:54 Push before sample
34	27F	WMES-27F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	X	↓ Push before sample
35	28F	WMES-28F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	X	↓ Push before sample
36	84F	WMES-84F-FC	Sink next to dishwasher	FC	Kitchen	C	X	5:55 Push before sample
37	30F	WMES-30F-FC	sink	FC	nurse office	C	X	6:04 Push before sample