



**Charles County Public Schools**

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

**Attention:**

Saturday, January 29, 2022

***Certificate of Analysis***

**FINAL**

**Project Information:**

Report for Lab No: 60405.  
Samples flushed by Martel on October 15, 2021, sampled by Martel on October 16, 2021.  
Project Identification: MD HB 270  
School: 10 Walter J. Mitchell ES, PSC #08.033

**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.



MARTEL NO. 60405 1 CLIENT SAMPLE IDENTIFICATION WMES-1-DC [water fountain--Gym] Sample Date/Time 10/16/2021 08:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 17:35 BJ

MARTEL NO. 60405 2 CLIENT SAMPLE IDENTIFICATION WMES-2-DC [water fountain--Gym] Sample Date/Time 10/16/2021 08:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 17:40 BJ

MARTEL NO. 60405 3 CLIENT SAMPLE IDENTIFICATION WMES-3-FC [sink--A109 - PreK] Sample Date/Time 10/16/2021 08:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 17:43 BJ

MARTEL NO. 60405 4 CLIENT SAMPLE IDENTIFICATION WMES-4-DB [bubbler--A109 - PreK] Sample Date/Time 10/16/2021 08:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 17:45 BJ

MARTEL NO. 60405 5 CLIENT SAMPLE IDENTIFICATION WMES-5-FC [sink--A108 - PreK] Sample Date/Time 10/16/2021 08:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.83	ug/l	EPA .200.8	2	01/26/2022 17:48 BJ

MARTEL NO. 60405 6 CLIENT SAMPLE IDENTIFICATION WMES-6-DB [bubbler--A108 - PreK] Sample Date/Time 10/16/2021 08:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 17:50 BJ

MARTEL NO. 60405 7 CLIENT SAMPLE IDENTIFICATION WMES-7-FC [sink--A107 - K] Sample Date/Time 10/16/2021 08:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.21	ug/l	EPA .200.8	2	01/26/2022 17:53 BJ

MARTEL NO. 60405 8 CLIENT SAMPLE IDENTIFICATION WMES-8-DB [bubbler--A107 - K] Sample Date/Time 10/16/2021 08:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 17:55 BJ



MARTEL NO. 60405 9 CLIENT SAMPLE IDENTIFICATION WMES-9-DC [water fountain--corridor] Sample Date/Time 10/16/2021 08:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 17:58 BJ

MARTEL NO. 60405 10 CLIENT SAMPLE IDENTIFICATION WMES-10-FC [sink--A106 - K] Sample Date/Time 10/16/2021 08:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.00	ug/l	EPA .200.8	2	01/26/2022 18:00 BJ

MARTEL NO. 60405 11 CLIENT SAMPLE IDENTIFICATION WMES-11-DB [bubbler--A106 - K] Sample Date/Time 10/16/2021 08:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:08 BJ

MARTEL NO. 60405 12 CLIENT SAMPLE IDENTIFICATION WMES-12-FC [sink--A105 - K] Sample Date/Time 10/16/2021 08:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	not	working	EPA .200.8	2	/ /

MARTEL NO. 60405 13 CLIENT SAMPLE IDENTIFICATION WMES-13-DB [bubbler--A105 - K] Sample Date/Time 10/16/2021 08:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:16 BJ

MARTEL NO. 60405 18 CLIENT SAMPLE IDENTIFICATION WMES-18-FC [sink--A102] Sample Date/Time 10/16/2021 08:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	108	ug/l*	EPA .200.8	2	01/04/2022 15:56 BJ

MARTEL NO. 60405 19 CLIENT SAMPLE IDENTIFICATION WMES-19-DB [bubbler--A102] Sample Date/Time 10/16/2021 08:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:18 BJ

MARTEL NO. 60405 20 CLIENT SAMPLE IDENTIFICATION WMES-20-FC [sink--A101] Sample Date/Time 10/16/2021 08:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:21 BJ



MARTEL NO. 60405 21 CLIENT SAMPLE IDENTIFICATION WMES-21-DB [bubbler--A101 ] Sample Date/Time 10/16/2021 08:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:23 BJ

MARTEL NO. 60405 22 CLIENT SAMPLE IDENTIFICATION WMES-22-DC [water fountain--corridor] Sample Date/Time 10/16/2021 08:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:26 BJ

MARTEL NO. 60405 23 CLIENT SAMPLE IDENTIFICATION WMES-23-DC [water fountain--cafeteria] Sample Date/Time 10/16/2021 08:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:28 BJ

MARTEL NO. 60405 24 CLIENT SAMPLE IDENTIFICATION WMES-24-IM [Ice Machine --kitchen] Sample Date/Time 10/16/2021 09:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:31 BJ

MARTEL NO. 60405 25 CLIENT SAMPLE IDENTIFICATION WMES-25-KK [kettle--kitchen] Sample Date/Time 10/16/2021 09:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.42	ug/l*	EPA .200.8	2	01/26/2022 18:41 BJ

MARTEL NO. 60405 26 CLIENT SAMPLE IDENTIFICATION WMES-26-FC [2 comp sink--kitchen] Sample Date/Time 10/16/2021 09:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:46 BJ

MARTEL NO. 60405 27 CLIENT SAMPLE IDENTIFICATION WMES-27-FC [Sink - Left fixture--Kitchen - Left Fixture on] Sample Date/Time 10/16/2021 09:01

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.60	ug/l	EPA .200.8	2	01/26/2022 18:49 BJ

MARTEL NO. 60405 28 CLIENT SAMPLE IDENTIFICATION WMES-28-FC [Sink - Right fixture--Kitchen - Right Fixture] Sample Date/Time 10/16/2021 09:01

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.13	ug/l	EPA .200.8	2	01/26/2022 18:51 BJ



MARTEL NO. 60405 29 CLIENT SAMPLE IDENTIFICATION WMES-29- [water fountain--corridor] Sample Date/Time 10/16/2021 08:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:54 BJ

MARTEL NO. 60405 30 CLIENT SAMPLE IDENTIFICATION WMES-30-FC [sink--nurse office] Sample Date/Time 10/16/2021 09:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.12	ug/l	EPA .200.8	2	01/26/2022 18:56 BJ

MARTEL NO. 60405 31 CLIENT SAMPLE IDENTIFICATION WMES-31-DC [water fountain--corridor] Sample Date/Time 10/16/2021 08:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 18:59 BJ

MARTEL NO. 60405 32 CLIENT SAMPLE IDENTIFICATION WMES-32-FC [sink--B110 (Sp-Ed)Pull Out] Sample Date/Time 10/16/2021 08:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	453	ug/l*	EPA .200.8	2	01/04/2022 15:58 BJ

MARTEL NO. 60405 33 CLIENT SAMPLE IDENTIFICATION WMES-33-DB [bubbler--B110 (Sp-Ed)Pull Out] Sample Date/Time 10/16/2021 08:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	220	ug/l*	EPA .200.8	2	01/26/2022 19:01 BJ

MARTEL NO. 60405 38 CLIENT SAMPLE IDENTIFICATION WMES-38-FC [sink--B107] Sample Date/Time 10/16/2021 08:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.34	ug/l	EPA .200.8	2	01/26/2022 19:04 BJ

MARTEL NO. 60405 39 CLIENT SAMPLE IDENTIFICATION WMES-39-DB [bubbler--B107] Sample Date/Time 10/16/2021 08:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.28	ug/l	EPA .200.8	2	01/26/2022 19:12 BJ

MARTEL NO. 60405 44 CLIENT SAMPLE IDENTIFICATION WMES-44-DC [water fountain--corridor] Sample Date/Time 10/16/2021 08:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 19:19 BJ



# Certificate of Analysis

MARTEL NO. 60405 45 CLIENT SAMPLE IDENTIFICATION WMES-45-FC [sink--B104] Sample Date/Time 10/16/2021 08:51

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.22	ug/l*	EPA .200.8	2	01/26/2022 19:22 BJ

MARTEL NO. 60405 46 CLIENT SAMPLE IDENTIFICATION WMES-46-DB [bubbler--B104] Sample Date/Time 10/16/2021 08:51

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.53	ug/l	EPA .200.8	2	01/26/2022 19:24 BJ

MARTEL NO. 60405 57 CLIENT SAMPLE IDENTIFICATION WMES-57-DC [water fountain--library] Sample Date/Time 10/16/2021 08:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 19:27 BJ

MARTEL NO. 60405 58 CLIENT SAMPLE IDENTIFICATION WMES-58-DC [water fountain--corridor] Sample Date/Time 10/16/2021 08:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 19:29 BJ

MARTEL NO. 60405 59 CLIENT SAMPLE IDENTIFICATION WMES-59-FC [sink--C110] Sample Date/Time 10/16/2021 08:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.93	ug/l	EPA .200.8	2	01/26/2022 19:32 BJ

MARTEL NO. 60405 73 CLIENT SAMPLE IDENTIFICATION WMES-73-DC [water fountain--corridor] Sample Date/Time 10/16/2021 08:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 19:34 BJ

MARTEL NO. 60405 80 CLIENT SAMPLE IDENTIFICATION WMES-80-FC [sink--C102] Sample Date/Time 10/16/2021 08:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.50	ug/l	EPA .200.8	2	01/26/2022 19:37 BJ

MARTEL NO. 60405 81 CLIENT SAMPLE IDENTIFICATION WMES-81-DB [bubbler--C102] Sample Date/Time 10/16/2021 08:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.68	ug/l	EPA .200.8	2	01/26/2022 19:40 BJ



MARTEL NO. 60405 84 CLIENT SAMPLE IDENTIFICATION WMES-84-FC [Sink next to dishwasher--Kitchen ] Sample Date/Time 10/16/2021 09:01

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 19:50 BJ

MARTEL NO. 60405 85 CLIENT SAMPLE IDENTIFICATION WMES-85-BU [Bottle Filler--Corridor] Sample Date/Time 10/16/2021 08:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 19:55 BJ

MARTEL NO. 60405 86 CLIENT SAMPLE IDENTIFICATION WMES-86-BU [Bottle Filler--Corridor] Sample Date/Time 10/16/2021 08:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2022 19:57 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: 10/10/21 837 End Date/Time: 10/14/21 904

Sampler/Relinquished By: [Signature] Received at Martel by [Signature] Date/Time: 10/16/21 1030

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

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

Martel NO:

**60405**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)</small>	Outlet Key Codes	Room/Location	Consumption C or NC?	Flush	
							Flush Date	Sample Time
1	1	WMES-1-DC	water fountain	DC	Gym	C	/	845
2	2	WMES-2-DC	water fountain	DC	Gym	C	/	846
3	3	WMES-3-FC	sink	FC	A109 - PreK	C	/	837
4	4	WMES-4-DB	bubbler	DB	A109 - PreK	C	/	L
5	5	WMES-5-FC	sink	FC	A108 - PreK	C	/	838
6	6	WMES-6-DB	bubbler	DB	A108 - PreK	C	/	↓
7	7	WMES-7-FC	sink	FC	A107 - K	C	/	839
8	8	WMES-8-DB	bubbler	DB	A107 - K	C	/	L
9	9	WMES-9-DC	water fountain	DC	corridor	C	/	840
10	10	WMES-10-FC	sink	FC	A106 - K	C	/	841
11	11	WMES-11-DB	bubbler	DB	A106 - K	C	/	↓
12	12	WMES-12-FC	sink	FC	A105 - K	C	/	N/W
13	13	WMES-13-DB	bubbler	DB	A105 - K	C	/	841
14	18	WMES-18-FC	sink	FC	A102	C	/	843
15	19	WMES-19-DB	bubbler	DB	A102	C	/	L
16	20	WMES-20-FC	sink	FC	A101	C	/	844
17	21	WMES-21-DB	bubbler	DB	A101	C	/	↓
18	22	WMES-22-DC	water fountain	DC	corridor	C	/	836
19	23	WMES-23-DC	water fountain	DC	cafeteria	C	/	859
20	24	WMES-24-IM	Ice Machine	IM	kitchen	C	/	900
21	25	WMES-25-KK	kettle	KK	kitchen	C	/	↓
22	26	WMES-26-FC	2 comp sink	FC	kitchen	C	/	↓
23	27	WMES-27-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	/	901
24	28	WMES-28-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	/	L
25	29	WMES-29-	water fountain	0	corridor	C	/	858

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10 Walter J. Mitchell Elementary PSC #08.033

400 Willow Lane LaPlata, MD 20646

ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER

Martel NO:

Flush 60405

26	30	WMES-30-FC	sink	FC	nurse office	C	/	904	
27	31	WMES-31-DC	water fountain	DC	corridor	C	/	847	
28	32	WMES-32-FC	sink	FC	B110 (Sp-Ed) Pull Out	C	/	848	leak
29	33	WMES-33-DB	bubbler	DB	B110 (Sp-Ed) Pull Out	C	/	↓	
30	38	WMES-38-FC	sink	FC	B107	C	/	849	
31	39	WMES-39-DB	bubbler	DB	B107	C	/	↓	
32	44	WMES-44-DC	water fountain	DC	corridor	C	/	850	
33	45	WMES-45-FC	sink	FC	B104	C	/	851	
34	46	WMES-46-DB	bubbler	DB	B104	C	/	↓	
35	57	WMES-57-DC	water fountain	DC	library	C	/	853	
36	58	WMES-58-DC	water fountain	DC	corridor	C	/	854	
37	59	WMES-59-FC	sink	FC	C110	C	/	856	
38	73	WMES-73-DC	water fountain	DC	corridor	C	/	857	
39	80	WMES-80-FC	sink	FC	C102	C	/	858	
40	81	WMES-81-DB	bubbler	DB	C102	C	/	↓	
41	84	WMES-84-FC	Sink next to dishwasher	FC	Kitchen	C	/	904	
42	85	WMES-85-BU	Bottle Filler	BU	Corridor	C	/	835-847	
43	86	WMES-86-BU	Bottle Filler	BU	Corridor	C	/	836-855	

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