



Charles County Public Schools

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

Attention:

Monday, February 21, 2022

Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 60434.
Samples flushed by Martel on December 7 2021, sampled by Martel on December 8, 2021.
Project Identification: MD HB 270
School: Theodore G. Davis Middle School PSC #08.044.

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. 60434 6 CLIENT SAMPLE IDENTIFICATION TDMS-6-FC [sink--D115 teachers lounge] Sample Date/Time 12/08/2021 06:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.29	ug/l*	EPA .200.8	2	02/18/2022 16:23 BJ

MARTEL NO. 60434 7 CLIENT SAMPLE IDENTIFICATION TDMS-7-FC [sink--Kitchen] Sample Date/Time 12/08/2021 06:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:25 BJ

MARTEL NO. 60434 8 CLIENT SAMPLE IDENTIFICATION TDMS-8-KK [kettle on left--kitchen] Sample Date/Time 12/08/2021 06:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.19	ug/l	EPA .200.8	2	02/18/2022 16:27 BJ

MARTEL NO. 60434 10 CLIENT SAMPLE IDENTIFICATION TDMS-10-FC [sink - 2 comp--kitchen 2 comp] Sample Date/Time 12/08/2021 06:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:37 BJ

MARTEL NO. 60434 11 CLIENT SAMPLE IDENTIFICATION TDMS-11-IM [Ice Machine--kitchen] Sample Date/Time 12/08/2021 06:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:42 BJ

MARTEL NO. 60434 12 CLIENT SAMPLE IDENTIFICATION TDMS-12-FC [Sink - Left fixture--Kitchen - Left Fixture on] Sample Date/Time 12/08/2021 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:45 BJ

MARTEL NO. 60434 13 CLIENT SAMPLE IDENTIFICATION TDMS-13-FC [Sink - Right fixture--Kitchen - Right Fixture] Sample Date/Time 12/08/2021 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:47 BJ

MARTEL NO. 60434 14 CLIENT SAMPLE IDENTIFICATION TDMS-14-DC [Water fountain on left--corridor] Sample Date/Time 12/08/2021 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:50 BJ



MARTEL NO. 60434 15 CLIENT SAMPLE IDENTIFICATION TDMS-15-DC [Water fountain on right--corridor] Sample Date/Time 12/08/2021 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:52 BJ

MARTEL NO. 60434 16 CLIENT SAMPLE IDENTIFICATION TDMS-16-FC [sink--B123 work room - Teacher's Lounge] Sample Date/Time 12/08/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:55 BJ

MARTEL NO. 60434 17 CLIENT SAMPLE IDENTIFICATION TDMS-17-DC [water fountain on left--corridor] Sample Date/Time 12/08/2021 06:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:57 BJ

MARTEL NO. 60434 18 CLIENT SAMPLE IDENTIFICATION TDMS-18-DC [water fountain on right--corridor] Sample Date/Time 12/08/2021 06:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 16:59 BJ

MARTEL NO. 60434 19 CLIENT SAMPLE IDENTIFICATION TDMS-19-DC [water fountain on left--corridor A129] Sample Date/Time 12/08/2021 06:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:02 BJ

MARTEL NO. 60434 20 CLIENT SAMPLE IDENTIFICATION TDMS-20-DC [water fountain on right--corridor A129] Sample Date/Time 12/08/2021 06:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:14 BJ

MARTEL NO. 60434 21 CLIENT SAMPLE IDENTIFICATION TDMS-21-FC [sink--A124 (Sp-Ed) Life skills] Sample Date/Time 12/08/2021 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:26 BJ

MARTEL NO. 60434 22 CLIENT SAMPLE IDENTIFICATION TDMS-22-FC [sink--A116 Nurse Office] Sample Date/Time 12/08/2021 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:29 BJ



MARTEL NO. 60434 23 CLIENT SAMPLE IDENTIFICATION TDMS-23-FC [sink--main office Rm 104 - Work Room] Sample Date/Time 12/08/2021 06:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:31 BJ

MARTEL NO. 60434 24 CLIENT SAMPLE IDENTIFICATION TDMS-24-FC [sink --A150] Sample Date/Time 12/08/2021 06:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:33 BJ

MARTEL NO. 60434 25 CLIENT SAMPLE IDENTIFICATION TDMS-25-DC [water fountain on left--corridor (2nd floor)] Sample Date/Time 12/08/2021 06:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:36 BJ

MARTEL NO. 60434 26 CLIENT SAMPLE IDENTIFICATION TDMS-26-DC [water fountain on right--corridor (2nd floor)] Sample Date/Time 12/08/2021 06:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:38 BJ

MARTEL NO. 60434 27 CLIENT SAMPLE IDENTIFICATION TDMS-27-FC [sink--B222 (2nd floor) - Work Room] Sample Date/Time 12/08/2021 06:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:41 BJ

MARTEL NO. 60434 28 CLIENT SAMPLE IDENTIFICATION TDMS-28-FC [sink--A219 Work Room] Sample Date/Time 12/08/2021 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:43 BJ

MARTEL NO. 60434 29 CLIENT SAMPLE IDENTIFICATION TDMS-29-DC [water fountain on left--corridor (2nd floor)] Sample Date/Time 12/08/2021 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:45 BJ

MARTEL NO. 60434 30 CLIENT SAMPLE IDENTIFICATION TDMS-30-DC [water fountain on right--corridor (2nd floor)] Sample Date/Time 12/08/2021 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 17:55 BJ



MARTEL NO. 60434 31 CLIENT SAMPLE IDENTIFICATION TDMS-31-DC [water fountain on left--mens locker rm C116 on] Sample Date/Time 12/08/2021 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 18:00 BJ

MARTEL NO. 60434 32 CLIENT SAMPLE IDENTIFICATION TDMS-32-DC [water fountain on right--mens locker rm C116 o] Sample Date/Time 12/08/2021 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 18:02 BJ

MARTEL NO. 60434 33 CLIENT SAMPLE IDENTIFICATION TDMS-33-DC [water fountain on left--womens locker rm C102] Sample Date/Time 12/08/2021 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 18:05 BJ

MARTEL NO. 60434 34 CLIENT SAMPLE IDENTIFICATION TDMS-34-DC [water fountain on right--womens locker rm] Sample Date/Time 12/08/2021 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 18:07 BJ

MARTEL NO. 60434 38 CLIENT SAMPLE IDENTIFICATION TDMS-38-BU [Bottle Filler--Corridor] Sample Date/Time 12/08/2021 06:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 18:09 BJ

MARTEL NO. 60434 39 CLIENT SAMPLE IDENTIFICATION TDMS-39-BU [Bottle Filler--Corridor] Sample Date/Time 12/08/2021 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 18:12 BJ

MARTEL NO. 60434 40 CLIENT SAMPLE IDENTIFICATION TDMS-40-FC [Sink--CR A142 (Sp-Ed) SOAR] Sample Date/Time 12/08/2021 06:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2022 18:14 BJ

MARTEL NO. 60434 41 CLIENT SAMPLE IDENTIFICATION TDMS-41-FC [Sink--CR A142 (Sp-Ed) SOAR] Sample Date/Time 12/08/2021 06:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.42	ug/l	EPA .200.8	2	02/18/2022 18:17 BJ



MARTEL NO. 60434	42	CLIENT SAMPLE IDENTIFICATION TDMS-42-FC [Sink--CR A142 (Sp-Ed) SOAR]	Sample Date/Time 12/08/2021 06:38
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.70	ug/l	EPA .200.8	2	02/18/2022 18:19 BJ

MARTEL NO. 60434	43	CLIENT SAMPLE IDENTIFICATION TDMS-43-FC [Sink--CR A141 Prep (Sp-Ed) SOAR]	Sample Date/Time 12/08/2021 06:38
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.82	ug/l*	EPA .200.8	2	02/18/2022 19:21 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)

FLUSH: 12/7/21 19:00

FLUSH: 12/7/21 20:05

Sample Start Date/Time:

End Date/Time:

SAMPLE: 12/8/21 6:15

SAMPLE: 12/8/21 6:45

Sampler/Relinquished By: C. C. [Signature] Received at Martel by [Signature]

Date/Time: 12/9/21 10:20

40 Theodore G. Davis Middle School PSC #08.044
2495 Davis Road Waldorf, MD 20603

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

19:00
20:05
Flush
Martel NO:
60434

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 Date	Sample Time
1	6	TDMS-6-FC	sink	FC	D115 D45 teachers lounge	C	✓	6:17
2	7	TDMS-7-FC	sink	FC	Kitchen	C	✓	6:18
3	8	TDMS-8-KK	kettle on left	KK	kitchen	C	✓	↓
4	10	TDMS-10-FC	sink - 2 comp	FC	kitchen 2 comp	C	✓	↓
5	11	TDMS-11-IM	Ice Machine	IM	kitchen	C	✓	↓
6	12	TDMS-12-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	✓	6:16
7	13	TDMS-13-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	✓	↓
8	14	TDMS-14-DC	Water fountain on left	DC	corridor	C	✓	6:18
9	15	TDMS-15-DC	Water fountain on right	DC	corridor	C	✓	↓
10	16	TDMS-16-FC	sink	FC	B123 work room - Teacher's Lounge	C	✓	6:20
11	17	TDMS-17-DC	water fountain on left	DC	corridor	C	✓	6:22
12	18	TDMS-18-DC	water fountain on right	DC	corridor	C	✓	↓
13	19	TDMS-19-DC	water fountain on left	DC	corridor A129	C	✓	6:36
14	20	TDMS-20-DC	water fountain on right	DC	corridor A129	C	✓	↓
15	21	TDMS-21-FC	sink	FC	A129 A121 (Sp-Ed) Life skills	C	✓	6:42
16	22	TDMS-22-FC	sink	FC	A116 Nurse Office	C	✓	↓
17	23	TDMS-23-FC	sink	FC	main office Rm 104 - Work Room	C	✓	6:43
18	24	TDMS-24-FC	sink	FC	A150	C	✓	6:45
19	25	TDMS-25-DC	water fountain on left	DC	corridor (2nd floor)	C	✓	6:28
20	26	TDMS-26-DC	water fountain on right	DC	corridor (2nd floor)	C	✓	↓
21	27	TDMS-27-FC	sink	FC	B222 (2nd floor) - Work Room	C	✓	↓
22	28	TDMS-28-FC	sink	FC	A219 A129 Work Room	C	✓	6:31
23	29	TDMS-29-DC	water fountain on left	DC	corridor (2nd floor)	C	✓	↓
24	30	TDMS-30-DC	water fountain on right	DC	corridor (2nd floor)	C	✓	↓
25	31	TDMS-31-DC	water fountain on left	DC	mens locker rm C116 on left	C	✓	6:24

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40 Theodore G. Davis Middle School PSC #08.044

2495 Davis Road Waldorf, MD 20603

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 60434

26	32	TDMS-32-DC	water fountain on right	DC	mens locker rm C116 on right	C	✓	6:29
27	33	TDMS-33-DC	water fountain on left	DC	womens locker rm C102 on left	C	✓	6:25
28	34	TDMS-34-DC	water fountain on right	DC	womens locker rm C102 on right	C	✓	↓
29	38	TDMS-38-BU	Bottle Filler	BU	Corridor	C	✓	6:22
30	39	TDMS-39-BU	Bottle Filler	BU	Corridor	C	✓	6:18
31	40	TDMS-40-FC	Sink	FC	CR A142 (Sp-Ed) SOAR	C	✓	6:38
32	41	TDMS-41-FC	Sink	FC	CR A142 (Sp-Ed) SOAR	C	✓	↓
33	42	TDMS-42-FC	Sink	FC	CR A142 (Sp-Ed) SOAR	C	✓	↓
34	43	TDMS-43-FC	Sink	FC	FC CR A142 (Sp-Ed) SOAR	C	✓	↓

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