



Charles County Public Schools

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

Attention:

Monday, December 13, 2021

Certificate of Analysis

FINAL

Project Information:

Report for Lab No: 60417.
Samples flushed by Martel on May 11, 2021, sampled by Martel on 5/12/21.
Project Identification: MD HB 270
School: 36 General Smallwood MS PSC #08.005

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. 60417 1 CLIENT SAMPLE IDENTIFICATION ESMS-1-FC [Sink - Left fixture--Kitchen - Left Fixture on] Sample Date/Time 11/06/2021 06:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.21	ug/l	EPA .200.8	2	12/13/2021 07:40 BJ

MARTEL NO. 60417 2 CLIENT SAMPLE IDENTIFICATION ESMS-2-FC [Sink - Right fixture--Kitchen - Right Fixture o] Sample Date/Time 11/06/2021 06:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 07:53 BJ

MARTEL NO. 60417 3 CLIENT SAMPLE IDENTIFICATION ESMS-3-KK [kettle--Kitchen] Sample Date/Time 11/06/2021 06:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.02	ug/l*	EPA .200.8	2	12/13/2021 07:56 BJ

MARTEL NO. 60417 4 CLIENT SAMPLE IDENTIFICATION ESMS-4-FC [sink--Kitchen 2 comp] Sample Date/Time 11/06/2021 06:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 07:59 BJ

MARTEL NO. 60417 5 CLIENT SAMPLE IDENTIFICATION ESMS-5-IM [Ice Machine--kitchen] Sample Date/Time 11/06/2021 06:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:01 BJ

MARTEL NO. 60417 6 CLIENT SAMPLE IDENTIFICATION ESMS-6-DC [water fountain--corridor] Sample Date/Time 11/06/2021 06:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:04 BJ

MARTEL NO. 60417 7 CLIENT SAMPLE IDENTIFICATION ESMS-7-DC [water fountain--corridor] Sample Date/Time 11/06/2021 06:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:07 BJ

MARTEL NO. 60417 8 CLIENT SAMPLE IDENTIFICATION ESMS-8-FC [sink - See map--Staff lounge - Room 100] Sample Date/Time 11/06/2021 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:10 BJ



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MARTEL NO. 60417 9 CLIENT SAMPLE IDENTIFICATION ESMS-9-FC [sink - See map--Room 102 (Sp-Ed) Life Skills] Sample Date/Time 11/06/2021 06:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:12 BJ

MARTEL NO. 60417 10 CLIENT SAMPLE IDENTIFICATION ESMS-10-FC [sink - See map--Room 102 (Sp-Ed) Life Skills] Sample Date/Time 11/06/2021 06:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:15 BJ

MARTEL NO. 60417 11 CLIENT SAMPLE IDENTIFICATION ESMS-11-DC [water fountain--corridor] Sample Date/Time 11/06/2021 06:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:26 BJ

MARTEL NO. 60417 12 CLIENT SAMPLE IDENTIFICATION ESMS-12-DC [water fountain--gym] Sample Date/Time 11/06/2021 06:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:32 BJ

MARTEL NO. 60417 13 CLIENT SAMPLE IDENTIFICATION ESMS-13-DC [water fountain--corridor] Sample Date/Time 11/06/2021 06:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:34 BJ

MARTEL NO. 60417 15 CLIENT SAMPLE IDENTIFICATION ESMS-15-DC [water fountain--Library] Sample Date/Time 11/06/2021 06:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:37 BJ

MARTEL NO. 60417 16 CLIENT SAMPLE IDENTIFICATION ESMS-16-DC [water fountain--corridor - (2nd Floor)] Sample Date/Time 11/06/2021 06:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:40 BJ

MARTEL NO. 60417 17 CLIENT SAMPLE IDENTIFICATION ESMS-17-DC [water fountain--corridor - (2nd Floor)] Sample Date/Time 11/06/2021 06:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:42 BJ



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MARTEL NO. 60417 21 CLIENT SAMPLE IDENTIFICATION ESMS-21-FC [sink--nurse office] Sample Date/Time 11/06/2021 06:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.32	ug/l	EPA .200.8	2	12/13/2021 08:45 BJ

MARTEL NO. 60417 22 CLIENT SAMPLE IDENTIFICATION ESMS-22-FC [Sink--Rm 116 (Special Education)] Sample Date/Time 11/06/2021 06:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.74	ug/l	EPA .200.8	2	12/13/2021 08:48 BJ

MARTEL NO. 60417 23 CLIENT SAMPLE IDENTIFICATION ESMS-23-BU [Bottle Filler--Corridor] Sample Date/Time 11/06/2021 06:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:50 BJ

MARTEL NO. 60417 24 CLIENT SAMPLE IDENTIFICATION ESMS-24-BU [Bottle Filler--Corridor - (2nd Floor)] Sample Date/Time 11/06/2021 06:52

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 08:53 BJ

MARTEL NO. 60417 25 CLIENT SAMPLE IDENTIFICATION ESMS-25-BU [Bottle Filler--Corridor] Sample Date/Time 11/06/2021 06:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 09:01 BJ

MARTEL NO. 60417 26 CLIENT SAMPLE IDENTIFICATION ESMS-26-BU [Bottle Filler--Corridor] Sample Date/Time 11/06/2021 06:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/13/2021 09:10 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: 11/6/21 639 End Date/Time: 11/6/21 653
 Sampler/Relinquished By: [Signature] Received at Martel by: [Signature] Date/Time: 11/6/21 1021

36 General Smallwood Middle School PSC #08.005
 4990 Indian Head Highway Indian Head, MD 20640

**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**

Flush
 Martel NO: **60417**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)</small>	Outlet Key Codes	Room/Location	Consumption <small>C or NC?</small>	Flush Date	Sample Time
1	1	ESMS-1-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	✓	639
2	2	ESMS-2-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	✓	640
3	3	ESMS-3-KK	kettle	KK	Kitchen	C	✓	641
4	4	ESMS-4-FC	sink	FC	Kitchen 2 comp	C	✓	642
5	5	ESMS-5-IM	Ice Machine	IM	kitchen	C	✓	643
6	6	ESMS-6-DC	water fountain	DC	corridor	C	✓	644
7	7	ESMS-7-DC	water fountain	DC	corridor	C	✓	645
8	8	ESMS-8-FC	sink - See map	FC	Staff lounge - Room 100	C	✓	646
9	9	ESMS-9-FC	sink - See map	FC	Room 102 (Sp-Ed) Life Skills	C	✓	647
10	10	ESMS-10-FC	sink - See map	FC	Room 102 (Sp-Ed) Life Skills	C	✓	648
11	11	ESMS-11-DC	water fountain	DC	corridor	C	✓	649
12	12	ESMS-12-DC	water fountain	DC	gym	C	✓	650
13	13	ESMS-13-DC	water fountain	DC	corridor	C	✓	651
14	15	ESMS-15-DC	water fountain	DC	Library	C	✓	652
15	16	ESMS-16-DC	water fountain	DC	corridor - (2nd Floor)	C	✓	653
16	17	ESMS-17-DC	water fountain	DC	corridor - (2nd Floor)	C	✓	654
17	21	ESMS-21-FC	sink	FC	nurse office	C	✓	655
18	22	ESMS-22-FC	Sink	FC	Rm 116 (Special Education)	C	✓	656
19	23	ESMS-23-BU	Bottle Filler	BU	Corridor	C	✓	657
20	24	ESMS-24-BU	Bottle Filler	BU	Corridor - (2nd Floor)	C	✓	658
21	25	ESMS-25-BU	Bottle Filler	BU	Corridor	C	✓	659
22	26	ESMS-26-BU	Bottle Filler	BU	Corridor	C	✓	660

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