



Charles County Public Schools

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

Attention:

Tuesday, January 11, 2022

Certificate of Analysis
AMENDED

Project Information:

Report for Lab No: 60413.
Samples flushed by Martel on October 29, 2021, sampled by Martel on October 30, 2021.
Project Identification: MD HB 270
School: 37 Milton M. Somers MS PSC #08.021.

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.

This report is amends the either the original report or the last amended report sent on: January 10, 2022.
It has been amended for the following reason(s): correct header dates.

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. 60413 1 CLIENT SAMPLE IDENTIFICATION MSMS-1-DC [water fountain--Girls Locker Room] Sample Date/Time 10/30/2021 08:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 15:48 BJ

MARTEL NO. 60413 2 CLIENT SAMPLE IDENTIFICATION MSMS-2-FC [teachers lounge sink--Faculty Dining] Sample Date/Time 10/30/2021 08:52

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 15:51 BJ

MARTEL NO. 60413 3 CLIENT SAMPLE IDENTIFICATION MSMS-3-DC [water fountain - Left--Corridor] Sample Date/Time 10/30/2021 08:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 15:53 BJ

MARTEL NO. 60413 4 CLIENT SAMPLE IDENTIFICATION MSMS-4-DC [water fountain - Right--Corridor] Sample Date/Time 10/30/2021 08:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:01 BJ

MARTEL NO. 60413 5 CLIENT SAMPLE IDENTIFICATION MSMS-5-DC [water fountain - Left--Cafeteria] Sample Date/Time 10/30/2021 08:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:08 BJ

MARTEL NO. 60413 6 CLIENT SAMPLE IDENTIFICATION MSMS-6-DC [water fountain - Right--Cafeteria] Sample Date/Time 10/30/2021 09:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:11 BJ

MARTEL NO. 60413 7 CLIENT SAMPLE IDENTIFICATION MSMS-7-FC [Sink left fixture--Left Fixture on 3 Comp Sink] Sample Date/Time 10/30/2021 09:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.56	ug/l*	EPA .200.8	2	12/16/2021 16:13 BJ

MARTEL NO. 60413 8 CLIENT SAMPLE IDENTIFICATION MSMS-8-FC [Sink right fixture--Right Fixture on 3 Comp Sin] Sample Date/Time 10/30/2021 09:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.45	ug/l	EPA .200.8	2	12/16/2021 16:16 BJ



MARTEL NO. 60413 9 CLIENT SAMPLE IDENTIFICATION MSMS-9-IM [Ice Machine--Kitchen] Sample Date/Time 10/30/2021 09:00

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

MARTEL NO. 60413 10 CLIENT SAMPLE IDENTIFICATION MSMS-10-FC [sink--Kitchen] Sample Date/Time 10/30/2021 09:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.98	ug/l	EPA .200.8	2	12/16/2021 16:21 BJ

MARTEL NO. 60413 11 CLIENT SAMPLE IDENTIFICATION MSMS-11-FC [sink - Next to freezer--Kitchen 2 comp sink] Sample Date/Time 10/30/2021 09:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.65	ug/l	EPA .200.8	2	12/16/2021 16:23 BJ

MARTEL NO. 60413 12 CLIENT SAMPLE IDENTIFICATION MSMS-12-FC [sink - Next to washer/dryer--Kitchen 2 comp si Sample Date/Time 10/30/2021 09:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:26 BJ

MARTEL NO. 60413 13 CLIENT SAMPLE IDENTIFICATION MSMS-13-FC [sink--Classroom 302] Sample Date/Time 10/30/2021 08:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	53.8	ug/l*	EPA .200.8	2	12/27/2021 12:47 BJ

MARTEL NO. 60413 14 CLIENT SAMPLE IDENTIFICATION MSMS-14-DB [bubbler--Classroom 302] Sample Date/Time 10/30/2021 08:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:38 BJ

MARTEL NO. 60413 15 CLIENT SAMPLE IDENTIFICATION MSMS-15-FC [sink--Classroom 302] Sample Date/Time 10/30/2021 08:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	23.2	ug/l*	EPA .200.8	2	12/16/2021 16:43 BJ

MARTEL NO. 60413 16 CLIENT SAMPLE IDENTIFICATION MSMS-16-DB [bubbler--Classroom 302] Sample Date/Time 10/30/2021 08:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:46 BJ



MARTEL NO. 60413 18 CLIENT SAMPLE IDENTIFICATION MSMS-18-DC [water fountain--Corridor] Sample Date/Time 10/30/2021 08:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:48 BJ

MARTEL NO. 60413 19 CLIENT SAMPLE IDENTIFICATION MSMS-19-FC [sink--Classroom 312] Sample Date/Time 10/30/2021 08:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.63	ug/l*	EPA .200.8	2	12/16/2021 16:51 BJ

MARTEL NO. 60413 20 CLIENT SAMPLE IDENTIFICATION MSMS-20-DB [bubbler--Classroom 312] Sample Date/Time 10/30/2021 08:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:53 BJ

MARTEL NO. 60413 21 CLIENT SAMPLE IDENTIFICATION MSMS-21-FC [Sink--Nurse Office] Sample Date/Time 10/30/2021 08:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:56 BJ

MARTEL NO. 60413 22 CLIENT SAMPLE IDENTIFICATION MSMS-22-DC [water fountain--Corridor] Sample Date/Time 10/30/2021 09:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 16:58 BJ

MARTEL NO. 60413 23 CLIENT SAMPLE IDENTIFICATION MSMS-23-DC [water fountain--Corridor - (2nd Floor)] Sample Date/Time 10/30/2021 09:02

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:01 BJ

MARTEL NO. 60413 24 CLIENT SAMPLE IDENTIFICATION MSMS-24-DC [water fountain--Corridor - (2nd Floor)] Sample Date/Time 10/30/2021 09:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:03 BJ

MARTEL NO. 60413 26 CLIENT SAMPLE IDENTIFICATION MSMS-26-DH [Coffee Maker--Teacher's Lounge] Sample Date/Time 10/30/2021 09:00

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



MARTEL NO. 60413	27	CLIENT SAMPLE IDENTIFICATION MSMS-27-DC [Water Fountain--Boy's Locker Room]	Sample Date/Time 10/30/2021 08:56		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:11 BJ

MARTEL NO. 60413	28	CLIENT SAMPLE IDENTIFICATION MSMS-28-BU [Bottle Filler--Corridor]	Sample Date/Time 10/30/2021 08:54		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/16/2021 17:18 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: 10/30/21 0845 End Date/Time: 10/30/21 0911

Sampler/Relinquished By: DS Received at Martel by: [Signature] Date/Time: 11/1/21 935

37 Milton M. Somers Middle School PSC #08.021
300 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 60413

Martel #	Sample #	Location ID #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)	Outlet Key Codes	Room/Location	Consumption C or NC?	Flush Date	Sample Time
✓ 1	1	MSMS-1-DC	water fountain	DC	Girls Locker Room	C	10/30/21	0855
✓ 2	2	MSMS-2-FC	teachers lounge sink	FC	Faculty Dining	C	↓	0852
✓ 3	3	MSMS-3-DC	water fountain - Left	DC	Corridor	C		0853
✓ 4	4	MSMS-4-DC	water fountain - Right	DC	Corridor	C		0853
✓ 5	5	MSMS-5-DC	water fountain - Left	DC	Cafeteria	C		0907 _{bs} 0853
✓ 6	6	MSMS-6-DC	water fountain - Right	DC	Cafeteria	C		0907
✓ 7	7	MSMS-7-FC	Sink left fixture	FC	Left Fixture on 3 Comp Sink	C		0911
✓ 8	8	MSMS-8-FC	Sink right fixture	FC	Right Fixture on 3 Comp Sink	C		0911
X 9	9	MSMS-9-IM	Ice Machine	IM	Kitchen	C		
✓ 10	10	MSMS-10-FC	sink	FC	Kitchen	C	10/31/21	0910
✓ 11	11	MSMS-11-FC	sink - Next to freezer	FC	Kitchen 2 comp sink	C	↓	0909
✓ 12	12	MSMS-12-FC	sink - Next to washer/dryer	FC	Kitchen 2 comp sink	C		0909
✓ 13	13	MSMS-13-FC	sink	FC	Classroom 302	C		0845
✓ 14	14	MSMS-14-DB	bubbler	DB	Classroom 302	C		0845
✓ 15	15	MSMS-15-FC	sink	FC	Classroom 302	C		0845
✓ 16	16	MSMS-16-DB	bubbler	DB	Classroom 302	C		0846
✓ 17	18	MSMS-18-DC	water fountain	DC	Corridor	C		0847
✓ 18	19	MSMS-19-FC	sink	FC	Classroom 312	C		0848
✓ 19	20	MSMS-20-DB	bubbler	DB	Classroom 312	C		0849
✓ 20	21	MSMS-21-FC	Sink	FC	Nurse Office	C		0858
✓ 21	22	MSMS-22-DC	water fountain	DC	Corridor	C	0900	
✓ 22	23	MSMS-23-DC	water fountain	DC	Corridor - (2nd Floor)	C	0902	
✓ 23	24	MSMS-24-DC	water fountain	DC	Corridor - (2nd Floor)	C	0904	
X 24	26	MSMS-26-DH	Coffee Maker	DH	Teacher's Lounge	C		W/N
✓ 25	27	MSMS-27-DC	Water Fountain	DC	Boy's Locker Room	C	10/31/21	0856

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SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER

Martel NO:

Flush 60413

26	28	MSMS-28-BU	Bottle Filler	BU	Corridor	C	10/29/21	0854
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