



Charles County Public Schools

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

Attention:

Monday, January 24, 2022

Certificate of Analysis

FINAL

Project Information:

Report for Lab No: 60423.
Samples flushed by Martel on November 16, 2021, sampled by Martel on November 17, 2021.
Project Identification: MD HB 270
School: Piccowaxen Middle School PSC #08.015

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. 60423 2 CLIENT SAMPLE IDENTIFICATION PMS-2-FC [sink--admin sink] Sample Date/Time 11/17/2021 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 16:37 BJ

MARTEL NO. 60423 3 CLIENT SAMPLE IDENTIFICATION PMS-3-DC [water fountain--hallway next to admin office] Sample Date/Time 11/17/2021 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 16:44 BJ

MARTEL NO. 60423 11 CLIENT SAMPLE IDENTIFICATION PMS-11-FC [sink on left--clothing lab] Sample Date/Time 11/17/2021 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.10	ug/l	EPA .200.8	2	01/13/2022 16:47 BJ

MARTEL NO. 60423 12 CLIENT SAMPLE IDENTIFICATION PMS-12-DC [water fountain--corridor] Sample Date/Time 11/17/2021 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 16:49 BJ

MARTEL NO. 60423 19 CLIENT SAMPLE IDENTIFICATION PMS-19-DC [water fountain--corridor] Sample Date/Time 11/17/2021 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 16:52 BJ

MARTEL NO. 60423 20 CLIENT SAMPLE IDENTIFICATION PMS-20-FC [sink--teacher lounge] Sample Date/Time 11/17/2021 05:52

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 16:54 BJ

MARTEL NO. 60423 21 CLIENT SAMPLE IDENTIFICATION PMS-21-FC [sink--language 1] Sample Date/Time 11/17/2021 05:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	12.7	ug/l*	EPA .200.8	2	01/13/2022 16:57 BJ

MARTEL NO. 60423 22 CLIENT SAMPLE IDENTIFICATION PMS-22-DB [bubbler--language 1] Sample Date/Time 11/17/2021 05:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.51	ug/l	EPA .200.8	2	01/13/2022 16:59 BJ



MARTEL NO. 60423 23 CLIENT SAMPLE IDENTIFICATION PMS-23-FC [sink--language 2] Sample Date/Time 11/17/2021 05:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	217	ug/l*	EPA .200.8	2	01/13/2022 17:02 BJ

MARTEL NO. 60423 24 CLIENT SAMPLE IDENTIFICATION PMS-24-DB [bubbler--language 2] Sample Date/Time 11/17/2021 05:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	69.1	ug/l*	EPA .200.8	2	01/13/2022 17:04 BJ

MARTEL NO. 60423 25 CLIENT SAMPLE IDENTIFICATION PMS-25-FC [sink--language cr 4] Sample Date/Time 11/17/2021 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	79.9	ug/l*	EPA .200.8	2	01/13/2022 17:14 BJ

MARTEL NO. 60423 26 CLIENT SAMPLE IDENTIFICATION PMS-26-DB [bubbler--language cr 4] Sample Date/Time 11/17/2021 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 17:19 BJ

MARTEL NO. 60423 27 CLIENT SAMPLE IDENTIFICATION PMS-27-FC [sink--language cr 552] Sample Date/Time 11/17/2021 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.2	ug/l*	EPA .200.8	2	01/13/2022 17:22 BJ

MARTEL NO. 60423 28 CLIENT SAMPLE IDENTIFICATION PMS-28-DB [bubbler--language cr 552] Sample Date/Time 11/17/2021 05:00

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

MARTEL NO. 60423 29 CLIENT SAMPLE IDENTIFICATION PMS-29-FC [sink--language cr 554] Sample Date/Time 11/17/2021 05:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	16.3	ug/l*	EPA .200.8	2	01/13/2022 17:24 BJ

MARTEL NO. 60423 30 CLIENT SAMPLE IDENTIFICATION PMS-30-DB [bubbler--language cr 554] Sample Date/Time 11/17/2021 05:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.24	ug/l*	EPA .200.8	2	01/13/2022 17:27 BJ



MARTEL NO. 60423 31 CLIENT SAMPLE IDENTIFICATION PMS-31-FC [sink--ss 3] Sample Date/Time 11/17/2021 05:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.0	ug/l*	EPA .200.8	2	01/13/2022 17:29 BJ

MARTEL NO. 60423 32 CLIENT SAMPLE IDENTIFICATION PMS-32-DB [bubbler--ss 3] Sample Date/Time 11/17/2021 05:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	97.1	ug/l*	EPA .200.8	2	01/13/2022 17:31 BJ

MARTEL NO. 60423 33 CLIENT SAMPLE IDENTIFICATION PMS-33-FC [island sink - next to ice machine--kitchen] Sample Date/Time 11/17/2021 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 17:34 BJ

MARTEL NO. 60423 34 CLIENT SAMPLE IDENTIFICATION PMS-34-FC [island sink--kitchen] Sample Date/Time 11/17/2021 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.68	ug/l	EPA .200.8	2	01/13/2022 17:36 BJ

MARTEL NO. 60423 35 CLIENT SAMPLE IDENTIFICATION PMS-35-FC [2 comp sink on left--kitchen (adjacent to dishw] Sample Date/Time 11/17/2021 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	11.1	ug/l*	EPA .200.8	2	01/13/2022 17:44 BJ

MARTEL NO. 60423 36 CLIENT SAMPLE IDENTIFICATION PMS-36-FC [2 comp sink on right--kitchen (adjacent to dish] Sample Date/Time 11/17/2021 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.86	ug/l	EPA .200.8	2	01/13/2022 17:51 BJ

MARTEL NO. 60423 37 CLIENT SAMPLE IDENTIFICATION PMS-37-FC [Sink - Left fixture--Kitchen - Left Fixture on] Sample Date/Time 11/17/2021 05:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.94	ug/l*	EPA .200.8	2	01/13/2022 17:54 BJ

MARTEL NO. 60423 38 CLIENT SAMPLE IDENTIFICATION PMS-38-FC [Sink - Right fixture--Kitchen - Right Fixture o] Sample Date/Time 11/17/2021 05:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.24	ug/l	EPA .200.8	2	01/13/2022 17:56 BJ



MARTEL NO. 60423 39 CLIENT SAMPLE IDENTIFICATION PMS-39-FC [sink--health room (nurse office)] Sample Date/Time 11/17/2021 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	no	main sink	EPA .200.8	2	/ /

MARTEL NO. 60423 40 CLIENT SAMPLE IDENTIFICATION PMS-40-DC [Water Fountain (High)--corridor] Sample Date/Time 11/17/2021 05:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 17:59 BJ

MARTEL NO. 60423 41 CLIENT SAMPLE IDENTIFICATION PMS-41-DC [water fountain - Left--Boys Hallway- (Lower Lev] Sample Date/Time 11/17/2021 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.59	ug/l	EPA .200.8	2	01/13/2022 18:01 BJ

MARTEL NO. 60423 42 CLIENT SAMPLE IDENTIFICATION PMS-42-DC [water fountain - Right--Boys Hallway- (Lower Le] Sample Date/Time 11/17/2021 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:04 BJ

MARTEL NO. 60423 43 CLIENT SAMPLE IDENTIFICATION PMS-43-DC [water fountain - Left--Girls Hallway - (Lower L] Sample Date/Time 11/17/2021 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:06 BJ

MARTEL NO. 60423 44 CLIENT SAMPLE IDENTIFICATION PMS-44-DC [water fountain - Right--Girls Hallway - (Lower] Sample Date/Time 11/17/2021 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	19.4	ug/l*	EPA .200.8	2	01/21/2022 10:27 BJ

MARTEL NO. 60423 45 CLIENT SAMPLE IDENTIFICATION PMS-45-IM [Ice Machine--Kitchen] Sample Date/Time 11/17/2021 05:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:16 BJ

MARTEL NO. 60423 46 CLIENT SAMPLE IDENTIFICATION PMS-46-FC [2 comp sink next to ice machine--Kitchen] Sample Date/Time 11/17/2021 05:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.04	ug/l	EPA .200.8	2	01/13/2022 18:21 BJ



MARTEL NO.	60423	47	PMS-47-DC	CLIENT SAMPLE IDENTIFICATION [Water Fountain (Low)--Corridor]	Sample Date/Time 11/17/2021 05:31
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:24 BJ

MARTEL NO.	60423	48	PMS-48-BU	CLIENT SAMPLE IDENTIFICATION [Bottler Filler--Corridor]	Sample Date/Time 11/17/2021 05:31
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:26 BJ

MARTEL NO.	60423	49	PMS-49-BU	CLIENT SAMPLE IDENTIFICATION [Bottler Filler--Corridor - (Lower Level)]	Sample Date/Time 11/17/2021 05:49
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:29 BJ

MARTEL NO.	60423	50	PMS-50-BU	CLIENT SAMPLE IDENTIFICATION [Bottler Filler--Corridor - (Lower Level)]	Sample Date/Time 11/17/2021 05:47
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:31 BJ

MARTEL NO.	60423	52	PMS-52-FC	CLIENT SAMPLE IDENTIFICATION [Sink - Left--CR (Sp-Ed) Life Skills (by washing	Sample Date/Time 11/17/2021 05:35
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.31	ug/l	EPA .200.8	2	01/13/2022 18:34 BJ

MARTEL NO.	60423	53	PMS-53-FC	CLIENT SAMPLE IDENTIFICATION [Sink - Right--CR (Sp-Ed) Life Skills]	Sample Date/Time 11/17/2021 05:35
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.26	ug/l	EPA .200.8	2	01/13/2022 18:36 BJ

MARTEL NO.	60423	54	PMS-54-BU	CLIENT SAMPLE IDENTIFICATION [Bottler Filler--Corridor]	Sample Date/Time 11/17/2021 05:32
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:39 BJ

MARTEL NO.	60423	55	PMS-55-BU	CLIENT SAMPLE IDENTIFICATION [Bottler Filler--Corridor]	Sample Date/Time 11/17/2021 05:37
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/13/2022 18:41 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: FLUSH: 11/16/21 17:38 End Date/Time: FLUSH: 11/16/21 18:29

Sampler/Relinquished By: Carol Cpl Received at Martel by [Signature] Date/Time: 11/17/21 1435

35- Piccowaxen Middle School PSC #08.015
12834 Rock Point Road Newburg, MD 20664

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 #	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	2	PMS-2-FC	sink	FC	admin sink	C	✓	5:30
2	3	PMS-3-DC	water fountain	DC	hallway next to admin office	C	✓	5:32
3	11	PMS-11-FC	sink on left	FC	clothing lab	C	✓	5:34
4	12	PMS-12-DC	water fountain	DC	corridor	C	✓	5:37
5	19	PMS-19-DC	water fountain	DC	corridor	C	✓	↓
6	20	PMS-20-FC	sink	FC	teacher lounge	C	✓	5:52
7	21	PMS-21-FC	sink	FC	language 1	C	✓	5:53
8	22	PMS-22-DB	bubbler	DB	language 1	C	✓	↓
9	23	PMS-23-FC	sink	FC	language 2	C	✓	↓
10	24	PMS-24-DB	bubbler	DB	language 2	C	✓	↓
11	25	PMS-25-FC	sink	FC	language cr 4	C	✓	5:54
12	26	PMS-26-DB	bubbler	DB	language cr 4	C	✓	↓
13	27	PMS-27-FC	sink	FC	language cr 552	C	✓	5:55
14	28	PMS-28-DB	bubbler	DB	language cr 552	C	NOT WORKING	
15	29	PMS-29-FC	sink	FC	language cr 554	C	✓	5:57
16	30	PMS-30-DB	bubbler	DB	language cr 554	C	✓	↓
17	31	PMS-31-FC	sink	FC	ss 3	C	✓	5:58
18	32	PMS-32-DB	bubbler	DB	ss 3	C	✓	↓
19	33	PMS-33-FC	island sink - next to ice machine	FC	kitchen	C	✓	5:41
20	34	PMS-34-FC	island sink	FC	kitchen	C	✓	↓
21	35	PMS-35-FC	2 comp sink on left	FC	kitchen (adjacent to dishwasher room)	C	✓	↓
22	36	PMS-36-FC	2 comp sink on right	FC	kitchen (adjacent to dishwasher room)	C	✓	↓
23	37	PMS-37-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	✓	5:42
24	38	PMS-38-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	✓	↓
25	39	PMS-39-FC	sink	FC	health room (nurse office)	C	NO MAIN SINK	

Martel NO: **60423**
Flush: 17:38, 18:29

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35- Piccowaxen Middle School PSC #08.015

12834 Rock Point Road Newburg, MD 20664

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

60423

26	40	PMS-40-DC	Water Fountain (High)	DC	corridor	C	/	S:31
27	41	PMS-41-DC	water fountain - Left	DC	Boys Hallway- (Lower Level)	C	/	S:49
28	42	PMS-42-DC	water fountain - Right	DC	Boys Hallway- (Lower Level)	C	/	↓
29	43	PMS-43-DC	water fountain - Left	DC	Girls Hallway - (Lower Level)	C	/	S:47
30	44	PMS-44-DC	water fountain - Right	DC	Girls Hallway - (Lower Level)	C	/	↓
31	45	PMS-45-IM	Ice Machine	IM	Kitchen	C	/	S:42
32	46	PMS-46-FC	2 comp sink next to ice machine	FC	Kitchen	C	/	↓
33	47	PMS-47-DC	Water Fountain (Low)	DC	Corridor	C	/	S:31
34	48	PMS-48-BU	Bottler Filler	BU	Corridor	C	/	↓
35	49	PMS-49-BU	Bottler Filler	BU	Corridor - (Lower Level)	C	/	S:49
36	50	PMS-50-BU	Bottler Filler	BU	Corridor - (Lower Level)	C	/	S:47
37	52	PMS-52-FC	Sink - Left	FC	CR (Sp-Ed) Life Skills (by washing machine)	C	/	S:35
38	53	PMS-53-FC	Sink - Right	FC	CR (Sp-Ed) Life Skills	C	/	↓
39	54	PMS-54-BU	Bottler Filler	BU	Corridor	C	/	S:32
40	55	PMS-55-BU	Bottler Filler	BU	Corridor	C	/	S:37

P08 ~~P07~~
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