



Charles County Public Schools

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

Attention:

Thursday, May 11, 2023

Certificate of Analysis

FINAL

Project Information:

Report for Lab No: 60817.

First Draw samples flushed by Martel Laboratories on December 7, 2022, sampled by Martel on December 8, 2022.

Project Identification: MD HB 270

School: Mudd Elementary School.

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.

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.


Project Manager



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 1	SMES-1-FC		12/08/2022 06:18			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:08 BJ	
60817 2	SMES-2-FC		12/08/2022 06:18			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:20 BJ	
60817 4	SMES-4-FC		12/08/2022 06:20			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:22 BJ	
60817 5	SMES-5-FC		12/08/2022 06:21			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:24 BJ	
60817 6	SMES-6-DC		12/08/2022 06:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:27 BJ	
60817 7	SMES-7-DC		12/08/2022 06:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:29 BJ	
60817 8	SMES-8-BU		12/08/2022 06:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:32 BJ	
60817 9	SMES-9-IM		12/08/2022 06:13			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:34 BJ	



MARTEL NO. 60817 11 CLIENT SAMPLE IDENTIFICATION SMES-11-FC Sample Date/Time 12/08/2022 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:37 BJ

MARTEL NO. 60817 12 CLIENT SAMPLE IDENTIFICATION SMES-12-FC Sample Date/Time 12/08/2022 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:39 BJ

MARTEL NO. 60817 13 CLIENT SAMPLE IDENTIFICATION SMES-13-FC Sample Date/Time 12/08/2022 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:49 BJ

MARTEL NO. 60817 14 CLIENT SAMPLE IDENTIFICATION SMES-14-DC Sample Date/Time 12/08/2022 06:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.57	ug/l	EPA .200.8	2	05/10/2023 16:54 BJ

MARTEL NO. 60817 15 CLIENT SAMPLE IDENTIFICATION SMES-15-BU Sample Date/Time 12/08/2022 06:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:57 BJ

MARTEL NO. 60817 16 CLIENT SAMPLE IDENTIFICATION SMES-16-DC Sample Date/Time 12/08/2022 06:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 16:59 BJ

MARTEL NO. 60817 18 CLIENT SAMPLE IDENTIFICATION SMES-18-DC Sample Date/Time 12/08/2022 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:02 BJ

MARTEL NO. 60817 19 CLIENT SAMPLE IDENTIFICATION SMES-19-BU Sample Date/Time 12/08/2022 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:04 BJ



MARTEL NO.	60817	20	CLIENT SAMPLE IDENTIFICATION	SMES-20-DC	Sample Date/Time	12/08/2022 06:31
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:06 BJ

MARTEL NO.	60817	22	CLIENT SAMPLE IDENTIFICATION	SMES-22-FC	Sample Date/Time	12/08/2022 06:40
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:09 BJ

MARTEL NO.	60817	23	CLIENT SAMPLE IDENTIFICATION	SMES-23-FC	Sample Date/Time	12/08/2022 06:39
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:11 BJ

MARTEL NO.	60817	24	CLIENT SAMPLE IDENTIFICATION	SMES-24-FC	Sample Date/Time	12/08/2022 06:38
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:14 BJ

MARTEL NO.	60817	26	CLIENT SAMPLE IDENTIFICATION	SMES-26-FC	Sample Date/Time	12/08/2022 06:37
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:21 BJ

MARTEL NO.	60817	27	CLIENT SAMPLE IDENTIFICATION	SMES-27-FC	Sample Date/Time	12/08/2022 06:36
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:29 BJ

MARTEL NO.	60817	29	CLIENT SAMPLE IDENTIFICATION	SMES-29-FC	Sample Date/Time	12/08/2022 06:33
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:31 BJ

MARTEL NO.	60817	30	CLIENT SAMPLE IDENTIFICATION	SMES-30-FC	Sample Date/Time	12/08/2022 06:42
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Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA .200.8	2	05/10/2023 17:34 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 31	SMES-31-DC		12/08/2022 06:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:36 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 32	SMES-32-BU		12/08/2022 06:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:38 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 33	SMES-33-DC		12/08/2022 06:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:41 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 11F	SMES-11-FC		12/08/2022 06:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:43 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 12F	SMES-12-FC		12/08/2022 06:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:46 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 13F	SMES-13-FC		12/08/2022 06:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:48 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 1F	SMES-1-FC		12/08/2022 06:53			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/10/2023 17:58 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60817 2F	SMES-2-FC		12/08/2022 06:53			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.37	ug/l	EPA .200.8	2	05/10/2023 18:03 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

Flush: 12/7/22

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: 12/8/22 06:10 End Date/Time: 12/8/22 06:42

Sampler/Relinquished By: DH Received at Martel by:  Date/Time: 12-8-22 11:50

12 Mudd Elementary School
820 Stone Avenue Waldorf, MD 20602
First Draw unless noted
ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 10 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER

							Martel NO:	
							Flush	60817
Martel #	Sample #	Location ID #	Fixture Type (Sink, bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb)	Outlet Key Code(s)	Room/Location	Consumption Cor. NCT	Flush Date	Sample Time
1	1	SMES-1-FC	Sink	FC	A2A Nurse	C	✓	06:18
2	2	SMES-2-FC	Sink	FC	A2 Nurse	C	✓	↓
3	4	SMES-4-FC	Sink	FC	A3 Work Room	C	✓	06:20
4	5	SMES-5-FC	Sink	FC	A8 Conference Room	C	✓	06:21
5	6	SMES-6-DC	Low Water Fountain	DC	101 Café	C	✓	06:26
6	7	SMES-7-DC	High Water Fountain	DC	101 Café	C	✓	↓
7	8	SMES-8-BU	Bottle Filler	BU	101 Café	C	✓	↓
8	9	SMES-9-IM	Ice Machine	IM	Kitchen	C	✓	6:13
9	11	SMES-11-FC	Sink (2 Compartment)	FC	Kitchen	C	✓	6:18
10	12	SMES-12-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	✓	↓
11	13	SMES-13-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	✓	↓
12	14	SMES-14-DC	High Water Fountain	DC	Gym	C	✓	06:29
13	15	SMES-15-BU	Bottle Filler	BU	Gym	C	✓	↓
14	16	SMES-16-DC	Low Water Fountain	DC	Gym	C	✓	↓
15	18	SMES-18-DC	High Water Fountain	DC	Hall Between 4th & 5th Grade	C	✓	06:31
16	19	SMES-19-BU	Bottle Filler	BU	Hall Between 4th & 5th Grade	C	✓	↓
17	20	SMES-20-DC	Low Water Fountain	DC	Hall Between 4th & 5th Grade	C	✓	↓
18	22	SMES-22-FC	Sink	FC	Pre-K Collaborative Area	C	✓	06:40
19	23	SMES-23-FC	Sink	FC	301 (Sp-Ed) Pull Out	C	✓	06:39
20	24	SMES-24-FC	Sink	FC	J7 Judy Center (Sp-Ed) Pull Out	C	✓	06:38
21	26	SMES-26-FC	Sink	FC	205 Staff Lounge	C	✓	06:37
22	27	SMES-27-FC	Sink	FC	208 - Pre-K	C	✓	06:36
23	29	SMES-29-FC	Sink	FC	207 (Sp-Ed) SOAR	C	✓	06:33

12 Mudd Elementary School

820 Stone Avenue Waldorf, MD 20602

First Draw unless noted

ALL OUTLET WERE FLUSHED THE NIGHT BEFORE. SAMPLING BETWEEN THE HOURS OF 6 PM and 10 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER

24	30	SMES-30-FC	Sink	FC	202 (Sp-Ed) Speech & Pull Out	C	✓	06:42
25	31	SMES-31-DC	High Water Fountain	DC	Hall by Counselor's Office	C	✓	06:42
26	32	SMES-32-BU	Bottle Filler	BU	Hall by Counselor's Office	C	✓	↓
27	33	SMES-33-DC	Low Water Fountain	DC	Hall by Counselor's Office	C	✓	↓
28	11F	SMES-11F-FC	Sink (2 Compartment)	FC	Kitchen	C	X	06:45 Push before sample
29	12F	SMES-12F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	X	↓ Push before sample
30	13F	SMES-13F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	X	↓ Push before sample
31	1F	SMES-1F-FC	Sink	FC	A2A Nurse	C	X	06:43 Push before sample
32	2F	SMES-2F-FC	Sink	FC	A2 Nurse	C	X	↓ Push before sample

P07