



Charles County Public Schools

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

Attention:

Wednesday, July 14, 2021

Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 60101.
Samples flushed by Martel on May 11, 2021, sampled by Martel on 5/12/21.
Project Identification: MD HB 270
School: 12 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.

* 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.


Project Manager



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
60101 000001 SMES-1-NO				05/12/2021 06:02	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.00	ug/l	EPA .200.8	2	06/04/2021 15:28 CSG
60101 000002 SMES-2-NO					05/12/2021 06:03
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:41 CSG
60101 000003 SMES-3-IM					05/12/2021 06:03
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:44 CSG
60101 000004 SMES-4-CR					05/12/2021 06:05
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:46 CSG
60101 000005 SMES-5-CR					05/12/2021 06:05
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:49 CSG
60101 000006 SMES-6-DF					05/12/2021 06:07
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:52 CSG
60101 000007 SMES-7-DF					05/12/2021 06:07
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:54 CSG
60101 000008 SMES-8-OT					05/12/2021 06:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	not	working	EPA .200.8	2	//



MARTEL NO. 60101 000009 SMES-9-IM CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:57 CSG

MARTEL NO. 60101 000010 SMES-10-OT CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.61*	ug/l	EPA .200.8	2	06/04/2021 15:59 CSG

MARTEL NO. 60101 000011 SMES-11-KS CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:02 CSG

MARTEL NO. 60101 000012 SMES-12-KS CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:17 CSG

MARTEL NO. 60101 000013 SMES-13-KS CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:22 CSG

MARTEL NO. 60101 000014 SMES-14-DF CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:24 CSG

MARTEL NO. 60101 000015 SMES-15-OT CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:00

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

MARTEL NO. 60101 000016 SMES-16-DF CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:27 CSG



MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-17-IM Sample Date/Time 05/12/2021 06:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.16	ug/l	EPA .200.8	2	06/04/2021 16:30 CSG

MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-18-DF Sample Date/Time 05/12/2021 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:32 CSG

MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-19-OT Sample Date/Time 05/12/2021 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:35 CSG

MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-20-DF Sample Date/Time 05/12/2021 06:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 16:38 CSG

MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-21-IM Sample Date/Time 05/12/2021 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	20.0*	ug/l	EPA .200.8	2	06/04/2021 16:40 CSG

MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-22-CR Sample Date/Time 05/12/2021 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.40	ug/l	EPA .200.8	2	06/04/2021 16:43 CSG

MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-23-SE Sample Date/Time 05/12/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 14:42 CSG

MARTEL NO. 60101 CLIENT SAMPLE IDENTIFICATION SMES-24-CR Sample Date/Time 05/12/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 14:48 CSG



MARTEL NO. 60101 000025 SMES-25-IM CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.70*	ug/l	EPA .200.8	2	06/04/2021 14:50 CSG

MARTEL NO. 60101 000026 SMES-26-TL CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 14:53 CSG

MARTEL NO. 60101 000027 SMES-27-CR CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 14:56 CSG

MARTEL NO. 60101 000028 SMES-28-IM CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.18*	ug/l	EPA .200.8	2	06/04/2021 14:58 CSG

MARTEL NO. 60101 000029 SMES-29-SE CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:09 CSG

MARTEL NO. 60101 000030 SMES-30-SE CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.31	ug/l	EPA .200.8	2	06/04/2021 15:12 CSG

MARTEL NO. 60101 000031 SMES-31-DF CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:15 CSG

MARTEL NO. 60101 000032 SMES-32-OT CLIENT SAMPLE IDENTIFICATION Sample Date/Time 05/12/2021 06:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	n/a		EPA .200.8	2	//



MARTEL NO. 60101	000033	CLIENT SAMPLE IDENTIFICATION SMES-33-DF					Sample Date/Time 05/12/2021 06:28
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	06/04/2021 15:17 CSG		

MARTEL SCHOOL FLUSHING FORM

60101

Martel Laboratories JDS, Inc. 1025 Cromwell Bridge Road, Baltimore, Maryland 21286 410 825-7790, Fax 410 821-1054, email: martel@martellabs.com

Charles County PS Drinking Water Lead Testing Flushing

Flushing by Martel Personnel

BETWEEN 6:00 PM and 6:55 PM

Flushing Date: 5/11/21 Performed by: Amanda Champlin

Martel Lab No: **60101** 12 Mudd Elementary School 820 Stone Avenue Waldorf, MD 20602 Location ID # (School-ID-Location on

1	Outlet Code	Bldg Floor	Description Location	Flushing Notes/comments
			A2 Nurse-Sink	
2	NO		A2 Nurse-Sink	
3	IM		A2 Nurse-Ice Machine (Fridge)	
4	CR		A3 Work Room-Sink	
5	CR		A8 Conference Room-Sink	
6	DF		101 Café-Low Water Fountain	
7	DF		101 Café-High Water Fountain	
8	OT		101 Café-Bottle Filler	NOT WORKING
9	IM		Kitchen-Ice Machine	
10	OT		Kitchen-Pot Filler	
11	KS		Kitchen-Sink (2 Compartment)	
12	KS		Kitchen - Left Fixture on 3 Comp Sink-Sink - Left fixture	
13	KS		Kitchen - Right Fixture on 3 Comp Sink-Sink - Right fixture	
14	DF		Gym-High Water Fountain	
15	OT		Gym-Bottle Filler	NOT WORKING
16	DF		Gym-Low Water Fountain	
17	IM		215 Science-Ice Machine (Fridge)	
18	DF		Hall Between 4th & 5th Grade-High Water Fountain	
19	OT		Hall Between 4th & 5th Grade-Bottle Filler	✓
20	DF		Hall Between 4th & 5th Grade-Low Water Fountain	
21	IM		Pre-K Collaborative Area-Ice Machine (Fridge)	
22	CR		Pre-K Collaborative Area-Sink	
23	SE		301 Pre-K (Special education)-Sink	
24	CR		J7 Judy Center-Sink	
25	IM		205 Staff Lounge-Ice Machine (Fridge)	
26	TL		205 Staff Lounge-Sink	
27	CR		208 3's Program-Sink	

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MARTEL SCHOOL FLUSHING FORM**60101**

28	IM	207 SOAR Program (Special education)-Ice Machine (Fridge)	
29	SE		207 SOAR Program (Special education)-Sink
30	SE		202 Speech/Language (Special Ed.)-Sink
31	DF		Hall by Counselor's Office-High Water Fountain
32	OT		Hall by Counselor's Office-Bottle Filler
33	DF		Hall by Counselor's Office-Low Water Fountain

NOT WORKING

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MARTEL Chain of Custody

60101

Martel Laboratories IDS, Inc. 1025 Cromwell Bridge Road, Baltimore, Maryland 21286 410 825-7790, Fax 410 821-1054, email: martel@martellabs.com

Charles County PS Drinking Water Lead Testing 250 ml plastic, preserved with HNO3 Analysis: Lead (EPA 200.8)

ALL OUTLETS WERE FLUSHED NIGHT BEFORE SAMPLING AS BELOW:

BETWEEN 6:02 ^{AM} and 6:28 ^{AM}
 Sampling Date: 5/12/21 Relinquished By: [Signature]
 Received at Martel by [Signature] Date/Time: 5/12/21 1335

Martel Lab No: **60101** 12 Mudd Elementary School 820 Stone Avenue Waldorf, MD 20602 Location ID # (School-ID-Location on

1	Outlet Code	Bldg Floor	Description Location	Time	Sampler Inits	Notes
			205 Staff Lounge-Sink	6:02	AC	
2	NO		A2 Nurse-Sink	6:03	AC	
3	IM		A2 Nurse-Ice Machine (Fridge)	↓	AC	
4	CR		A3 Work Room-Sink	6:05	AC	
5	CR		A8 Conference Room-Sink	↓	AC	
6	DF		101 Café-Low Water Fountain	6:07	AC	
7	DF		101 Café-High Water Fountain	↓	AC	
8	OT		101 Café-Bottle Filler	N/A	AC	OFF
9	IM		Kitchen-Ice Machine	6:09	AC	
10	OT		Kitchen-Pot Filler	6:10	AC	
11	KS		Kitchen-Sink (2 Compartment)	↓	AC	
12	KS		Kitchen - Left Fixture on 3 Comp Sink-Sink - Left fixture	6:11	AC	
13	KS		Kitchen - Right Fixture on 3 Comp Sink-Sink - Right fixture	↓	AC	
14	DF		Gym-High Water Fountain	6:13	AC	
15	OT		Gym-Bottle Filler	N/A	AC	OFF
16	DF		Gym-Low Water Fountain	6:13	AC	
17	IM		215 Science-Ice Machine (Fridge)	6:14	AC	
18	DF		Hall Between 4th & 5th Grade-High Water Fountain	6:16	AC	
19	OT		Hall Between 4th & 5th Grade-Bottle Filler	↓	AC	
20	DF		Hall Between 4th & 5th Grade-Low Water Fountain	↓	AC	
21	IM		Pre-K Collaborative Area-Ice Machine (Fridge)	6:18	AC	
22	CR		Pre-K Collaborative Area-Sink	↓	AC	
23	SE		301 Pre-K (Special education)-Sink	6:20	AC	
24	CR		J7 Judy Center-Sink	↓	AC	
25	IM		205 Staff Lounge-Ice Machine (Fridge)	6:21	AC	
26	TL		205 Staff Lounge-Sink	6:22	AC	
27	CR		208 3's Program-Sink	6:23	AC	

MARTEL Chain of Custody

60101

28	IM	207 SOAR Program (Special education)-Ice Machine (Fridge)	6:25	AC	
29	SE	207 SOAR Program (Special education)-Sink	↓	AC	
30	SE	202 Speech/Language (Special Ed.)-Sink	6:27	AC	
31	DF	Hall by Counselor's Office-High Water Fountain	6:28	AC	
32	OT	Hall by Counselor's Office-Bottle Filler	N/A	AC	OFF
33	DF	Hall by Counselor's Office-Low Water Fountain	6:28	AC	

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