



Charles County Public Schools
P.O. Box 2770
5980 Radio Station Road
La Plata, MD 20646
Attention:

Monday, March 11, 2024
Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 70118.

First Draw samples flushed by Martel on November 16, 2023, sampled by Martel on November 17, 2023.

Project Identification: MD HB 270

School: ELC CSM

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.

DL2020



MARTEL NO. 70118 1 CLIENT SAMPLE IDENTIFICATION E-CSM-1-FC Sample Date/Time 11/17/2023 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.73	ug/l*	EPA 200.8	2	03/11/2024 11:03 BJ

MARTEL NO. 70118 2 CLIENT SAMPLE IDENTIFICATION E-CSM-2-FC Sample Date/Time 11/17/2023 05:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA 200.8	2	03/11/2024 11:16 BJ

MARTEL NO. 70118 3 CLIENT SAMPLE IDENTIFICATION E-CSM-3-FC-COMP Sample Date/Time 11/17/2023 05:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA 200.8	2	03/11/2024 11:18 BJ

MARTEL NO. 70118 4 CLIENT SAMPLE IDENTIFICATION E-CSM-4-FC-COMP Sample Date/Time 11/17/2023 05:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.90	ug.l	EPA 200.8	2	03/11/2024 11:20 BJ

MARTEL NO. 70118 5 CLIENT SAMPLE IDENTIFICATION E-CSM-5-FC Sample Date/Time 11/17/2023 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA 200.8	2	03/11/2024 11:23 BJ

MARTEL NO. 70118 6 CLIENT SAMPLE IDENTIFICATION E-CSM-6-FC Sample Date/Time 11/17/2023 05:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA 200.8	2	03/11/2024 11:25 BJ

MARTEL NO. 70118 7 CLIENT SAMPLE IDENTIFICATION E-CSM-7-FC Sample Date/Time 11/17/2023 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA 200.8	2	03/11/2024 11:28 BJ

MARTEL NO. 70118 8 CLIENT SAMPLE IDENTIFICATION E-CSM-8-FC Sample Date/Time 11/17/2023 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA 200.8	2	03/11/2024 11:30 BJ



MARTEL NO. 70118 9 CLIENT SAMPLE IDENTIFICATION E-CSM-9-FC Sample Date/Time 11/17/2023 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA .200.8	2	03/11/2024 11:33 BJ

MARTEL NO. 70118 10 CLIENT SAMPLE IDENTIFICATION E-CSM-10-DF Sample Date/Time 11/17/2023 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA .200.8	2	03/11/2024 11:35 BJ

MARTEL NO. 70118 11 CLIENT SAMPLE IDENTIFICATION E-CSM-11-DF-C Sample Date/Time 11/17/2023 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA .200.8	2	03/11/2024 11:45 BJ

MARTEL NO. 70118 12 CLIENT SAMPLE IDENTIFICATION E-CSM-12-BF-C Sample Date/Time 11/17/2023 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA .200.8	2	03/11/2024 11:50 BJ

MARTEL NO. 70118 13 CLIENT SAMPLE IDENTIFICATION E-CSM-13-FC Sample Date/Time 11/17/2023 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.02	ug.l	EPA .200.8	2	03/11/2024 11:53 BJ

MARTEL NO. 70118 14 CLIENT SAMPLE IDENTIFICATION E-CSM-14-FC Sample Date/Time 11/17/2023 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA .200.8	2	03/11/2024 11:55 BJ

MARTEL NO. 70118 3F CLIENT SAMPLE IDENTIFICATION E-CSM-3F-FC-COMP Sample Date/Time 11/17/2023 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA .200.8	2	03/11/2024 11:58 BJ

MARTEL NO. 70118 4F CLIENT SAMPLE IDENTIFICATION E-CSM-4F-FC-COMP Sample Date/Time 11/17/2023 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug.l	EPA .200.8	2	03/11/2024 12:00 BJ



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	70118 9F	<2	ug/l	EPA 200.8	2	03/11/2024 12:03 BJ	

MARTEL Chain of Custody Record

Martel Laboratories IDS Inc., 1025 Cromwell Bridge Rd., Baltimore, MD 21286, (410) 825-7790, FAX (410) 821-1054, email: martel@martelabs.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: 11/17/23 05:26 End Date/Time: 11/17/23 05:43

Sampler/Relinquished By: DH Received at Martel by _____ Date/Time: _____

ELC CSM PSC #08.???

First Draw

at the College of Southern Maryland, 8730 Mitchell Rd, La Plata, MD

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:

7018

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb)</small>	Outlet Key Code	Room/Location	Consumption C or NC?	Flush	Sample Time
							Flush Date	
1	1	E-CSM-1-FC	Sink	FC	Corridor	C	11/16	05:26
2	2	E-CSM-2-FC	Sink	FC	Room 108 - Pre-K	C		05:27
3	3	E-CSM-3-FC-COMP	Sink - 2 Comp	FC-COMP	Room 110 - Kitchen	C		05:28
4	4	E-CSM-4-FC-COMP	Sink - 3 Comp	FC-COMP	Room 110 - Kitchen	C		↓
5	5	E-CSM-5-FC	Sink	FC	Room 112 - Activity	C		05:30
6	6	E-CSM-6-FC	Sink	FC	Room 113A - Pre-K	C		05:31
7	7	E-CSM-7-FC	Sink	FC	Room 114 Spec Ed	C		05:33
8	8	E-CSM-8-FC	Sink	FC	Room 114 Spec Ed	C		↓
9	9	E-CSM-9-FC	Sink	FC	Room 115 Nurse	C		05:34
10	10	E-CSM-10-DF	Water Fountain - High	DF	Corridor	C		05:39
11	11	E-CSM-11-DF-C	Water Fountain - Low	DF-C	Corridor	C		↓
12	12	E-CSM-12-BF-C	Bottle Filler	BF-C	Corridor	C		↓
13	13	E-CSM-13-FC	Sink	FC	Room 114 Spec Ed	C		05:36
14	14	E-CSM-14-FC	Sink	FC	Room 114 Spec Ed	C		↓
15	3F	E-CSM-3-FC-COMP	Sink - 2 Comp	FC-COMP	Room 110 - Kitchen	C	XXX	Flush at end, record time 05:49
16	4F	E-CSM-4-FC-COMP	Sink - 3 Comp	FC-COMP	Room 110 - Kitchen	C	XXX	Flush at end, record time ↓
17	9F	E-CSM-9-FC	Sink	FC	Room 115 Nurse	C	XXX	Flush at end, record time 05:43

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