

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

Monday, May 8, 2023

Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 60809.

First Draw samples flushed by Martel Laboratories on November 30, 2022, sampled by Martel on December 1, 2022.

Project Identification: MD HB 270

School: Starkey Main Office

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.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	1	S-1-DC	12/01/2022 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 09:47 CSG

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	2	S-2-FC	12/01/2022 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 09:50 CSG

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	3	S-3-DH	12/01/2022 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.93	ug/l	EPA 200.8	2	05/05/2023 09:52 CSG

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	4	S-4-IM	12/01/2022 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:48 CSG

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	5	S-5-FC	12/01/2022 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	294	ug/l*	EPA 200.8	2	03/28/2023 16:42 CSG

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	6	S-6-FC	12/01/2022 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.84	ug/l*	EPA 200.8	2	05/05/2023 09:55 CSG

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	7	S-7-FC	12/01/2022 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.87	ug/l*	EPA 200.8	2	05/05/2023 09:57 CSG

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60809	8	S-8-DC	12/01/2022 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:50 CSG



MARTEL NO. 60809 9 S-9-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:53 CSG

MARTEL NO. 60809 10 S-10-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:56 CSG

MARTEL NO. 60809 11 S-11-DH CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 10:00 CSG

MARTEL NO. 60809 13 S-13-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 10:08 CSG

MARTEL NO. 60809 14 S-14-DH CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:15

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

MARTEL NO. 60809 15 S-15-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 16:58 CSG

MARTEL NO. 60809 16 S-16-DH CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	03/28/2023 17:01 CSG

MARTEL NO. 60809 17 S-17-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 10:19 CSG



MARTEL NO. 60809 18 S-18-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 10:21 CSG

MARTEL NO. 60809 19 S-19-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 10:24 CSG

MARTEL NO. 60809 20 S-20-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 10:26 CSG

MARTEL NO. 60809 21 S-21-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 10:29 CSG

MARTEL NO. 60809 22 S-22-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 10:32 CSG

MARTEL NO. 60809 23 S-23-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	n/a		EPA .200.8	2	//
no digestion required for ICPMS (metals)	n/a				//

MARTEL NO. 60809 5F S-5F-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.48	ug/l	EPA .200.8	2	05/05/2023 10:34 CSG

MARTEL NO. 60809 6F S-6F-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/01/2022 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/28/2023 17:04 CSG



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
60809	7F	S-7F-FC			12/01/2022 06:05	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	03/28/2023 17:06 CSG	

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: 12/1/22 05:50 End Date/Time: 12/1/22 06:18

Sampler/Relinquished By: DH Received at Martel by [Signature] Date/Time: 12-1-22 11:25

82- Starkey Main Office
5980 Radio Station Road LaPlata, MD 20646
PSC # First Draw unless noted
<u>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</u>

								Martel NO:
								60809
Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption Cor. NC?	Flush	Sample Time
							Flush Date	
1	1	S-1-DC	water fountain	DC	corridor	✓ C	12/1/22	5:50
2	2	S-2-FC	sink	FC	Lounge	✓ C		5:56
3	3	S-3-DH	coffee maker	DH	Lounge	C		↓
4	4	S-4-IM	Ice Machine	IM	Kitchen	✓ C		↓
5	5	S-5-FC	island sink	FC	Kitchen	✓ C		5:59
6	6	S-6-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	✓ C		↓
7	7	S-7-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	✓ C		↓
8	8	S-8-DC	water fountain	DC	corridor	✓ C		6:07
9	9	S-9-DC	water fountain	DC	corridor	✓ C		6:09
10	10	S-10-DC	water fountain	DC	corridor	✓ C		6:11
11	11	S-11-DH	coffee maker	DH	admin office	C		5:54
12	13	S-13-DC	water fountain	DC	corridor	✓ C		6:13
13	14	S-14-DH	coffee maker L	DH	corridor lounge	C		6:15
14	15	S-15-FC	sink	FC	corridor lounge	✓ C		↓
15	16	S-16-DH	coffee maker R	DH	corridor lounge	C		↓
16	17	S-17-DC	water fountain	DC	Corridor	✓ C		6:17
17	18	S-18-DC	water fountain	DC	corridor	✓ C		6:18
18	19	S-19-BU	Bottle Filler	BU	Corridor	✓ C		↓
19	20	S-20-BU	Bottle Filler	BU	Corridor	✓ C		6:17
20	21	S-21-BU	Bottle Filler	BU	Corridor	✓ C		6:09
21	22	S-22-BU	Bottle Filler	BU	Corridor	✓ C		6:07
22	23	S-23-DC	Water Fountain	DC	Corridor	C	N/A	
23	5F	S-5F-FC	island sink	FC	Kitchen	C		6:05 <small>Push before sample</small>

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PSC # 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	6F	S-6F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	11/30	6:05 Push before sample
25	7F	S-7F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	↓	↓ Push before sample