



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: 60808.

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

Project Identification: MD HB 270

School: F. B. Gwynn Education Center

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. 60808 1 CLIENT SAMPLE IDENTIFICATION FBGEC-1-FC Sample Date/Time 12/01/2022 04:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 10:47 CSG

MARTEL NO. 60808 2 CLIENT SAMPLE IDENTIFICATION FBGEC-2-DC Sample Date/Time 12/01/2022 04:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 08:49 CSG

MARTEL NO. 60808 3 CLIENT SAMPLE IDENTIFICATION FBGEC-3-FC Sample Date/Time 12/01/2022 04:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 11:00 CSG

MARTEL NO. 60808 4 CLIENT SAMPLE IDENTIFICATION FBGEC-4-DC Sample Date/Time 12/01/2022 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.55	ug/l	EPA 200.8	2	05/05/2023 11:03 CSG

MARTEL NO. 60808 5 CLIENT SAMPLE IDENTIFICATION FBGEC-5-FC Sample Date/Time 12/01/2022 05:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 11:05 CSG

MARTEL NO. 60808 6 CLIENT SAMPLE IDENTIFICATION FBGEC-6-FC Sample Date/Time 12/01/2022 05:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 09:02 CSG

MARTEL NO. 60808 7 CLIENT SAMPLE IDENTIFICATION FBGEC-7-IM Sample Date/Time 12/01/2022 05:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 11:08 CSG

MARTEL NO. 60808 8 CLIENT SAMPLE IDENTIFICATION FBGEC-8-FC Sample Date/Time 12/01/2022 05:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 11:11 CSG



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
60808	10	FBGEC-10-FC	12/01/2022 05:04			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	7.06	ug/l*	EPA .200.8	2	05/05/2023 11:13 CSG	
60808	11	FBGEC-11-FC	12/01/2022 05:22			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 09:05 CSG	
60808	12	FBGEC-12-DB	12/01/2022 05:22			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 09:07 CSG	
60808	13	FBGEC-13-FC	12/01/2022 05:24			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 09:10 CSG	
60808	14	FBGEC-14-DB	12/01/2022 05:24			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 09:13 CSG	
60808	15	FBGEC-15-DC	12/01/2022 05:28			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 11:16 CSG	
60808	16	FBGEC-16-DC	12/01/2022 05:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 11:18 CSG	
60808	17	FBGEC-17-DC	12/01/2022 05:30			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	4.26	ug/l	EPA .200.8	2	05/05/2023 11:21 CSG	



MARTEL NO. 60808 18 CLIENT SAMPLE IDENTIFICATION FBGEC-18-FC Sample Date/Time 12/01/2022 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.00	ug/l	EPA .200.8	2	05/05/2023 11:31 CSG

MARTEL NO. 60808 19 CLIENT SAMPLE IDENTIFICATION FBGEC-19-FC Sample Date/Time 12/01/2022 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.02	ug/l	EPA .200.8	2	05/05/2023 11:37 CSG

MARTEL NO. 60808 20 CLIENT SAMPLE IDENTIFICATION FBGEC-20-DC Sample Date/Time 12/01/2022 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.54	ug/l*	EPA .200.8	2	05/05/2023 11:39 CSG

MARTEL NO. 60808 21 CLIENT SAMPLE IDENTIFICATION FBGEC-21-FC Sample Date/Time 12/01/2022 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.41	ug/l*	EPA .200.8	2	05/05/2023 11:42 CSG

MARTEL NO. 60808 22 CLIENT SAMPLE IDENTIFICATION FBGEC-22-DC Sample Date/Time 12/01/2022 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	12.8	ug/l*	EPA .200.8	2	05/05/2023 11:45 CSG

MARTEL NO. 60808 24 CLIENT SAMPLE IDENTIFICATION FBGEC-24-FC Sample Date/Time 12/01/2022 04:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 09:15 CSG

MARTEL NO. 60808 25 CLIENT SAMPLE IDENTIFICATION FBGEC-25-FC Sample Date/Time 12/01/2022 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.1	ug/l*	EPA .200.8	2	05/05/2023 09:18 CSG

MARTEL NO. 60808 26 CLIENT SAMPLE IDENTIFICATION FBGEC-26-FC Sample Date/Time 12/01/2022 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 09:20 CSG



MARTEL NO. 60808 27 CLIENT SAMPLE IDENTIFICATION FBGEC-27-FC Sample Date/Time 12/01/2022 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.20	ug/l	EPA 200.8	2	05/05/2023 11:47 CSG

MARTEL NO. 60808 28 CLIENT SAMPLE IDENTIFICATION FBGEC-28-FC Sample Date/Time 12/01/2022 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	49.5	ug/l*	EPA 200.8	2	05/05/2023 11:50 CSG

MARTEL NO. 60808 29 CLIENT SAMPLE IDENTIFICATION FBGEC-29-FC Sample Date/Time 12/01/2022 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.09	ug/l	EPA 200.8	2	05/05/2023 09:23 CSG

MARTEL NO. 60808 30 CLIENT SAMPLE IDENTIFICATION FBGEC-30-FC Sample Date/Time 12/01/2022 05:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.44	ug/l	EPA 200.8	2	05/05/2023 11:52 CSG

MARTEL NO. 60808 31 CLIENT SAMPLE IDENTIFICATION FBGEC-31-FC Sample Date/Time 12/01/2022 05:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 09:34 CSG

MARTEL NO. 60808 32 CLIENT SAMPLE IDENTIFICATION FBGEC-32-FC Sample Date/Time 12/01/2022 05:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 09:39 CSG

MARTEL NO. 60808 5F CLIENT SAMPLE IDENTIFICATION FBGEC-5F-FC Sample Date/Time 12/01/2022 05:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 11:55 CSG

MARTEL NO. 60808 6F CLIENT SAMPLE IDENTIFICATION FBGEC-6F-FC Sample Date/Time 12/01/2022 05:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 09:42 CSG



MARTEL NO. 60808 CLIENT SAMPLE IDENTIFICATION FBGEC-8F-FC Sample Date/Time 12/01/2022 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 11:58 CSG

MARTEL NO. 60808 CLIENT SAMPLE IDENTIFICATION FBGEC-10F-FC Sample Date/Time 12/01/2022 05:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/24/2023 15:18 BJ

MARTEL NO. 60808 CLIENT SAMPLE IDENTIFICATION FBGEC-32F-FC Sample Date/Time 12/01/2022 05:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/24/2023 15:20 BJ

MARTEL NO. 60808 CLIENT SAMPLE IDENTIFICATION FBGEC-3F-FC Sample Date/Time 12/01/2022 05:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 09:44 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 04:53 End Date/Time: 12/1/22 05:42

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

05 F. B. Gwynn Educational Center
5998 Radio Station Road LaPlata, MD 20646
PSC #08.012 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	
							60808	
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 MCZ	Flush Date	Sample Time
1	1	FBGEC-1-FC	sink	FC	Classroom 162 (Sp-Ed) ✓	C	11/29	4:54
2	2	FBGEC-2-DC	water fountain	DC	corridor ✓	C		4:55 ^{dit 10/1/22}
3	3	FBGEC-3-FC	sink	FC	Health room ✓	C		4:58
4	4	FBGEC-4-DC	water fountain	DC	corridor ✓	C		5:00 ^{dribbles}
5	5	FBGEC-5-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink ✓	C		5:04
6	6	FBGEC-6-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink ✓	C		
7	7	FBGEC-7-IM	Ice Machine	IM	Kitchen ✓	C		
8	8	FBGEC-8-FC	island sink - Next to 3 Comp sink	FC	kitchen ✓	C		
9	10	FBGEC-10-FC	island sink - See map	FC	kitchen ✓	C		
10	11	FBGEC-11-FC	sink	FC	Classroom 116 (Sp-Ed) ✓	C		5:22
11	12	FBGEC-12-DB	bubbler	DB	classroom 116 (Sp-Ed) ✓	C		↓
12	13	FBGEC-13-FC	sink	FC	Classroom 118 (Sp-Ed) ✓	C		5:24
13	14	FBGEC-14-DB	bubbler	DB	Classroom 118 (Sp-Ed) ✓	C		↓
14	15	FBGEC-15-DC	Water Fountain	DC	Classroom 121 (Sp-Ed) ✓	C		5:28
15	16	FBGEC-16-DC	water fountain	DC	Gym ✓	C		5:29
16	17	FBGEC-17-DC	water fountain	DC	corridor ✓	C		5:30
17	18	FBGEC-18-FC	sink	FC	Classroom 127 (Sp-Ed) ✓	C		5:32
18	19	FBGEC-19-FC	sink	FC	Classroom 130 (Sp-Ed) ✓	C		5:33
19	20	FBGEC-20-DC	water fountain	DC	Classroom 130 (Sp-Ed) ✓	C		↓
20	21	FBGEC-21-FC	Sink	FC	Classroom 136 (Sp-Ed) ✓	C		5:35
21	22	FBGEC-22-DC	water fountain	DC	Classroom 136 (Sp-Ed) ✓	C		↓
22	24	FBGEC-24-FC	sink	FC	Classroom 159 (Sp-Ed) ✓	C		4:55
23	25	FBGEC-25-FC	sink on left	FC	Classroom 138 (Sp-Ed) ✓	C		5:37

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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	26	FBGEC-26-FC	sink on right	FC	Classroom 138 (Sp-Ed) ✓	c	11/20	5:37
25	27	FBGEC-27-FC	sink nurse office	FC	Classroom 109 (Sp-Ed) PSY ✓	c		5:20
26	28	FBGEC-28-FC	sink	FC	Classroom 110.1 (Sp-Ed) ✓	c		5:19
27	29	FBGEC-29-FC	sink	FC	Classroom 132 (Sp-Ed) ✓	c		5:41
28	30	FBGEC-30-FC	sink	FC	Classroom 134 (Sp-Ed) ✓	c		5:42
29	31	FBGEC-31-FC	sink	FC	Classroom 120 (Sp-Ed) ✓	c		5:27
30	32	FBGEC-32-FC	Island sink - 2 comp	FC	Kitchen - 2 comp sink ✓	c	↓	5:04
31	5F	FBGEC-5F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	c	X	5:11 <small>Push before sample</small>
32	6F	FBGEC-6F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	c	X	5:11 <small>Push before sample</small>
33	8F	FBGEC-8F-FC	Island sink - Next to 3 Comp sink	FC	kitchen	c	X	5:16 <small>Push before sample</small>
34	10F	FBGEC-10F-FC	island sink - See map	FC	kitchen	c	X	5:11 <small>Push before sample</small>
35	32F	FBGEC-32F-FC	Island sink - 2 comp	FC	Kitchen - 2 comp sink	c	X	5:11 <small>Push before sample</small>
36	3F	FBGEC-3F-FC	sink	FC	Health room	c	X	5:14 <small>Push before sample</small>