



## Charles County Public Schools

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

### Attention:

Monday, March 14, 2022

## ***Certificate of Analysis***

**FINAL**

### Project Information:

Report for Lab No: 60437.

Samples flushed by Martel on December 10 and December 14, 2021, sampled by Martel on December 11, 2021 and December 15, 2021.

Project Identification: MD HB 270

School: 05 F. B. Gwynn Educational Center PSC #08.012

### 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.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 1	FBGEC-1-FC [sink--Classroom 162 (Sp-Ed)]	12/11/2021 08:30			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:08 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 2	FBGEC-2-DC [water fountain--corridor]	12/11/2021 08:34			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:13 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 3	FBGEC-3-FC [sink--Health room]	12/11/2021 08:29			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:16 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 4	FBGEC-4-DC [water fountain--corridor]	12/11/2021 08:46			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.29	ug/l	EPA .200.8	2	03/02/2022 16:19 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 5	FBGEC-5-FC [Sink - Left fixture--Kitchen - Left Fixture on	12/11/2021 08:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:21 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 6	FBGEC-6-FC [Sink - Right fixture--Kitchen - Right Fixture	12/11/2021 08:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:24 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 7	FBGEC-7-IM [Ice Machine --Kitchen ]	12/11/2021 08:44			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:26 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 8	FBGEC-8-FC [island sink - Next to 3 Comp sink--kitchen]	12/11/2021 08:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.18	ug/l	EPA .200.8	2	03/02/2022 16:29 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 10	FBGEC-10-FC [island sink - See map--kitchen]	12/11/2021 08:43			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.4	ug/l*	EPA .200.8	2	03/02/2022 16:31 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 11	FBGEC-11-FC [sink--Classroom 116 (Sp-Ed)]	12/11/2021 08:47			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/25/2022 08:28 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 12	FBGEC-12-DB [bubbler--classroom 116 (Sp-Ed)]	12/11/2021 08:47			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/25/2022 08:31 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 13	FBGEC-13-FC [sink--Classroom 118 (Sp-Ed)]	12/11/2021 08:48			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/25/2022 08:33 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 14	FBGEC-14-DB [bubbler--Classroom 118 (Sp-Ed)]	12/11/2021 08:48			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:39 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 15	FBGEC-15-DC [Water Fountain--Classroom 121 (Sp-Ed)]	12/11/2021 08:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 16:47 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 16	FBGEC-16-DC [water fountain--Gym]	12/11/2021 08:51			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.56	ug/l	EPA .200.8	2	03/02/2022 16:49 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
60437 17	FBGEC-17-DC [water fountain--corridor]	12/11/2021 08:39			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.74	ug/l	EPA .200.8	2	03/02/2022 16:52 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60437 18	FBGEC-18-FC [sink--Classroom 127 (Sp-Ed)]	12/11/2021 08:46
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	n/a EPA .200.8 2	//
60437 19	FBGEC-19-FC [sink--Classroom 130 (Sp-Ed)]	12/11/2021 08:53
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	3.93 ug/l EPA .200.8 2	03/02/2022 16:54 BJ
60437 20	FBGEC-20-DC [water fountain--Classroom 130 (Sp-Ed)]	12/15/2021 05:58
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	22.0 ug/l* EPA .200.8 2	03/02/2022 16:57 BJ
60437 21	FBGEC-21-FC [Sink--Classroom 136 (Sp-Ed)]	12/11/2021 08:56
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	6.68 ug/l* EPA .200.8 2	03/02/2022 16:59 BJ
60437 22	FBGEC-22-DC [water fountain--Classroom 136 (Sp-Ed)]	12/11/2021 08:56
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	18.8 ug/l* EPA .200.8 2	03/02/2022 17:09 BJ
60437 24	FBGEC-24-FC [sink--Classroom 159 (Sp-Ed)]	12/11/2021 08:36
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	03/02/2022 17:14 BJ
60437 25	FBGEC-25-FC [sink on left--Classroom 138 (Sp-Ed)]	12/11/2021 08:58
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	7.85 ug/l* EPA .200.8 2	02/25/2022 08:36 BJ
60437 26	FBGEC-26-FC [sink on right--Classroom 138 (Sp-Ed)]	12/11/2021 08:58
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	03/02/2022 17:17 BJ



**Certificate of Analysis**

MARTEL NO. 60437 27 CLIENT SAMPLE IDENTIFICATION FBGEC-27-FC [sink nurse office--Classroom 109 (Sp-Ed)] Sample Date/Time 12/11/2021 08:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.71	ug/l	EPA .200.8	2	01/26/2022 14:47 BJ

MARTEL NO. 60437 28 CLIENT SAMPLE IDENTIFICATION FBGEC-28-FC [sink--Classroom 110.1 (Sp-Ed)] Sample Date/Time 12/11/2021 08:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	11.6	ug/l*	EPA .200.8	2	03/02/2022 17:19 BJ

MARTEL NO. 60437 29 CLIENT SAMPLE IDENTIFICATION FBGEC-29-FC [sink--Classroom 132 (Sp-Ed)] Sample Date/Time 12/11/2021 08:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.79	ug/l	EPA .200.8	2	03/02/2022 17:22 BJ

MARTEL NO. 60437 30 CLIENT SAMPLE IDENTIFICATION FBGEC-30-FC [sink--Classroom 134 (Sp-Ed)] Sample Date/Time 12/11/2021 08:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.30	ug/l	EPA .200.8	2	03/02/2022 17:24 BJ

MARTEL NO. 60437 31 CLIENT SAMPLE IDENTIFICATION FBGEC-31-FC [sink--Classroom 120 (Sp-Ed)] Sample Date/Time 12/11/2021 08:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 17:27 BJ

MARTEL NO. 60437 32 CLIENT SAMPLE IDENTIFICATION FBGEC-32-FC [Island sink - 2 comp--Kitchen - 2 comp sink] Sample Date/Time 12/11/2021 08:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	03/02/2022 17:29 BJ

## MARTEL Chain of Custody Record

Martel Laboratoies 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 HNO<sub>3</sub> Analysis: Lead (EPA 200.8)

Sample Start Date/Time: 12/11/21 0829 End Date/Time: 12/11/21 0858

Sampler/Relinquished By: DS Received at Martel by [Signature] Date/Time: 12/13/21 1344

05 F. B. Gwynn Educational Center PSC #08.012  
5998 Radio Station Road LaPlata, MD 20646

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN  
SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

Martel NO:  
**60437**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)</small>	Outlet Key Codes	Room/Location	Consumption <small>C or NC?</small>	Flush	Sample Time
							Flush Date	
1	1	FBGEC-1-FC	sink	FC	Classroom 162 (Sp-Ed)	C		0830
2	2	FBGEC-2-DC	water fountain	DC	corridor	C		0834
3	3	FBGEC-3-FC	sink	FC	Health room	C		0829
4	4	FBGEC-4-DC	water fountain	DC	corridor	C		0846
5	5	FBGEC-5-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		0842
6	6	FBGEC-6-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		0842
7	7	FBGEC-7-IM	Ice Machine	IM	Kitchen	C		0844
8	8	FBGEC-8-FC	island sink - Next to 3 Comp sink	FC	kitchen	C		0842
9	10	FBGEC-10-FC	island sink - See map	FC	kitchen	C		0843
10	11	FBGEC-11-FC	sink	FC	Classroom 116 (Sp-Ed)	C		0847
11	12	FBGEC-12-DB	bubbler	DB	classroom 116 (Sp-Ed)	C		0847
12	13	FBGEC-13-FC	sink	FC	Classroom 118 (Sp-Ed)	C		0848
13	14	FBGEC-14-DB	bubbler	DB	Classroom 118 (Sp-Ed)	C		0848
14	15	FBGEC-15-DC	Water Fountain	DC	Classroom 121 (Sp-Ed)	C		0850
15	16	FBGEC-16-DC	water fountain	DC	Gym	C		0851
16	17	FBGEC-17-DC	water fountain	DC	corridor	C		0839
17	18	FBGEC-18-FC	sink	FC	Classroom 127 (Sp-Ed)	C		0846
18	19	FBGEC-19-FC	sink	FC	Classroom 130 (Sp-Ed)	C		0853
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		0856
21	22	FBGEC-22-DC	water fountain	DC	Classroom 136 (Sp-Ed)	C		0856
22	24	FBGEC-24-FC	sink	FC	Classroom 159 (Sp-Ed)	C		0836
23	25	FBGEC-25-FC	sink on left	FC	Classroom 138 (Sp-Ed)	C		0858
24	26	FBGEC-26-FC	sink on right	FC	Classroom 138 (Sp-Ed)	C		0858
25	27	FBGEC-27-FC	sink nurse office	FC	Classroom 109 (Sp-Ed) PSY	C		0840

water fountain disabled

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ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN  
SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER

Martel NO:

Flush

60437

26	28	FBGEC-28-FC	sink	FC	Classroom 110.1 (Sp-Ed)	C		0841
27	29	FBGEC-29-FC	sink	FC	Classroom 132 (Sp-Ed)	C		0854
28	30	FBGEC-30-FC	sink	FC	Classroom 134 (Sp-Ed)	C		0855
29	31	FBGEC-31-FC	sink	FC	Classroom 120 (Sp-Ed)	C		0850
30	32	FBGEC-32-FC	Island sink - 2 comp	FC	Kitchen - 2 comp sink	C		0843

**P07**

### 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: 12/15/21 558 End Date/Time: 12/15/21 558

Sampler/Relinquished By: Amanda Chayka Received at Martel by Jm Date/Time: 12/15/21 1435

05 F. B. Gwynn Educational Center PSC #08.012  
5998 Radio Station Road LaPlata, MD 20646

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

Martel NO:

**Flush 60437**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)</small>	Outlet Key Codes	Room/Location	Consumption C or NC?	Flush Date	Sample Time
19	20	FBGEC-20-DC	water fountain	DC	Classroom 130 (Sp-Ed)	C	12/15/21	558

**P08**