



**Charles County Public Schools**

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

**Attention:**

Monday, March 2, 2026

***Certificate of Analysis***

**FINAL**

**Project Information:**

Report for Lab No: 86012.

First Draw samples flushed by Martel on October 22, 2025 sampled by Martel on October 23, 2025..

Project Identification: MD HB 270

School: F. B. Gwynn Educational 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. Metal analysis performed by Maryland Spectral Services, Inc. for Martel Laboratories JDS, Inc,

\* 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.

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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
86012 000001	FBGEC-1-FC Classroom 162 (Sp-Ed) sink	10/23/2025 04:05
Compound		
	Test Value	Test Unit
Lead	<1.00	ug/l
	Method	Detection Limit
	EPA 200.8	2
	Analysis Date/Time/Initial	02/04/2026 MSS
86012 000002	FBGEC-2-DC corridor water fountain	10/23/2025 04:05
Compound		
	Test Value	Test Unit
Lead	<1.00	ug/l
	Method	Detection Limit
	EPA 200.8	2
	Analysis Date/Time/Initial	02/04/2026 MSS
86012 000003	FBGEC-3-FC Health room sink	10/23/2025 04:07
Compound		
	Test Value	Test Unit
Lead	<1.00	ug/l
	Method	Detection Limit
	EPA 200.8	2
	Analysis Date/Time/Initial	02/04/2026 MSS
86012 000004	FBGEC-4-DC corridor water fountain	10/23/2025 04:11
Compound		
	Test Value	Test Unit
Lead	2.22	ug/l
	Method	Detection Limit
	EPA 200.8	2
	Analysis Date/Time/Initial	02/04/2026 MSS
86012 000005	FBGEC-5-FC Kitchen - Left Fixture on 3 Comp Sink Sink - Left	10/23/2025 04:16
Compound		
	Test Value	Test Unit
Lead	1.6	ug/l
	Method	Detection Limit
	EPA 200.8	2
	Analysis Date/Time/Initial	02/04/2026 MSS
86012 000006	FBGEC-6-FC Kitchen - Right Fixture on 3 Comp Sink Sink - Rig	10/23/2025 04:16
Compound		
	Test Value	Test Unit
Lead	1.03	ug/l
	Method	Detection Limit
	EPA 200.8	2
	Analysis Date/Time/Initial	02/04/2026 MSS
86012 000007	FBGEC-7-IM Kitchen Ice Machine	10/23/2025 04:16
Compound		
	Test Value	Test Unit
Lead	<1.00	ug/l
	Method	Detection Limit
	EPA 200.8	2
	Analysis Date/Time/Initial	02/04/2026 MSS



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86012 000008	FBGEC-8-FC kitchen island sink - Next to 2 Comp s	10/23/2025 04:16			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.95	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86012 000009	FBGEC-10-FC kitchen island sink - See map	10/23/2025 04:16			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	23.2	ug/l*	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86012 000010	FBGEC-32-FC Kitchen - 2 comp sink Island sink - 2 comp	10/23/2025 04:16			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86012 000011	FBGEC-11-FC Classroom 116 (Sp-Ed) sink	10/23/2025 04:19			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.52	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86012 000012	FBGEC-12-DB classroom 116 (Sp-Ed) bubbler	10/23/2025 04:19			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86012 000013	FBGEC-13-FC Classroom 118 (Sp-Ed) sink	10/23/2025 04:20			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.82	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
86012 000014	FBGEC-14-DB Classroom 118 (Sp-Ed) bubbler	10/23/2025 04:20			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
86012	000016	FBGEC-16-DC Gym water fountain	10/23/2025 04:24			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	1.56	ug/l	EPA 200.8	2	02/04/2026 MSS	
86012	000017	FBGEC-17-DC corridor water fountain	10/23/2025 04:17			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.79	ug/l	EPA 200.8	2	02/04/2026 MSS	
86012	000018	FBGEC-18-FC Classroom 127 (Sp-Ed) sink	10/23/2025 04:26			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.28	ug/l	EPA 200.8	2	02/04/2026 MSS	
86012	000019	FBGEC-19-FC Classroom 130 (Sp-Ed) sink	10/23/2025 04:27			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	4.66	ug/l	EPA 200.8	2	02/04/2026 MSS	
86012	000020	FBGEC-24-FC Classroom 159 (Sp-Ed) sink	10/23/2025 04:06			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS	
86012	000022	FBGEC-27-FC Classroom 109 (Sp-Ed) PSY sink nurse office	10/23/2025 04:10			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.26	ug/l	EPA 200.8	2	02/04/2026 MSS	
86012	000024	FBGEC-29-FC Classroom 132 (Sp-Ed) sink	10/23/2025 04:28			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3	ug/l	EPA 200.8	2	02/04/2026 MSS	



## Certificate of Analysis

MARTEL NO. 86012      000025      CLIENT SAMPLE IDENTIFICATION FBGEC-30-FC Classroom 134 (Sp-Ed) sink      Sample Date/Time 10/23/2025 04:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.86	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86012      000026      CLIENT SAMPLE IDENTIFICATION FBGEC-31-FC Classroom 120 (Sp-Ed) sink      Sample Date/Time 10/23/2025 04:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	1.41	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86012      000027      CLIENT SAMPLE IDENTIFICATION FBGEC-3F-FC Health room sink      Sample Date/Time 10/23/2025 04:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86012      000028      CLIENT SAMPLE IDENTIFICATION FBGEC-5F-FC Kitchen - Left Fixture on 3 Comp Sink Sink - Lef      Sample Date/Time 10/23/2025 04:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86012      000029      CLIENT SAMPLE IDENTIFICATION FBGEC-6F-FC Kitchen - Right Fixture on 3 Comp Sink Sink - Ri      Sample Date/Time 10/23/2025 04:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86012      000030      CLIENT SAMPLE IDENTIFICATION FBGEC-8-FC kitchen island sink - Next to 2 Comp s      Sample Date/Time 10/23/2025 04:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

MARTEL NO. 86012      000031      CLIENT SAMPLE IDENTIFICATION FBGEC-10-FC kitchen island sink - See map      Sample Date/Time 10/23/2025 04:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS

**Martel Laboratories JDS Inc.**

1025 Cromwell Bridge Road - Baltimore, Maryland 21286  
PH 410-825-7790 martel@martellabs.com

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03/02/2026



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
86012	000032	FBGEC-32F-FC Kitchen - 2 comp sink Island sink - 2 comp				10/23/2025 04:35
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<1.00	ug/l	EPA 200.8	2	02/04/2026 MSS	

### 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: 10/23/25 4:05am End Date/Time: 10/23/25 4:37am

Sampler/Relinquished By: NEW SIMON Received at Martel by \_\_\_\_\_ Date/Time: 10/24/25

**First Draw**  
**05 F. B. Gwynn Educational Center**  
**5998 Radio Station Road LaPlata, MD 20646**

**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:

**86012**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, bubbler, Water Fountain, Goose-neck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption Cor/NC?	Flush		Sample Time
							Flush Date		
1	1	FBGEC-1-FC	sink	FC	Classroom 162 (Sp-Ed)	C	10/22	4:05	
2	2	FBGEC-2-DC	water fountain	DC	corridor	C		4:05	
3	3	FBGEC-3-FC	sink	FC	Health room	C		4:07	
4	4	FBGEC-4-DC	water fountain	DC	corridor	C		4:11	
5	5	FBGEC-5-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		4:16	
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 2 Comp sink	FC	kitchen	C			
9	10	FBGEC-10-FC	island sink - See map	FC	kitchen	C			
10	32	FBGEC-32-FC	island sink - 2 comp	FC	Kitchen - 2 comp sink	C			
11	11	FBGEC-11-FC	sink	FC	Classroom 116 (Sp-Ed)	C		4:19	
12	12	FBGEC-12-DB	bubbler	DB	classroom 116 (Sp-Ed)	C		4:19	
13	13	FBGEC-13-FC	sink	FC	Classroom 118 (Sp-Ed)	C		4:20	
14	14	FBGEC-14-DB	bubbler	DB	Classroom 118 (Sp-Ed)	C		4:20	
15	15	FBGEC-15-DC	Water Fountain	DC	Classroom 121 (Sp-Ed)	C		<del>4:20</del> NO SAMP	
16	16	FBGEC-16-DC	water fountain	DC	Gym	C		4:24	
17	17	FBGEC-17-DC	water fountain	DC	corridor	C		4:17	
18	18	FBGEC-18-FC	sink	FC	Classroom 127 (Sp-Ed)	C		4:26	
19	19	FBGEC-19-FC	sink	FC	Classroom 130 (Sp-Ed)	C		4:27	
20	24	FBGEC-24-FC	sink	FC	Classroom 159 (Sp-Ed)	C		4:06	
21	26	FBGEC-26-FC	sink on right	FC	Classroom 138 (Sp-Ed)	C		<del>4:26</del> NO SAMP	
22	27	FBGEC-27-FC	sink nurse office	FC	Classroom 109 (Sp-Ed) PSY	C		4:10	
23	28	FBGEC-28-FC	sink	FC	Classroom 110.1 (Sp-Ed)	C		<del>4:27</del> NO SAMP	
24	29	FBGEC-29-FC	sink	FC	Classroom 132 (Sp-Ed)	C		4:28	

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First Draw

05 F. B. Gwynn Educational Center

5998 Radio Station Road LaPlata, MD 20646

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:

86012

							Flush	
25	30	FBGEC-30-FC	sink	FC	Classroom 134 (Sp-Ed)	C	10/22	4:30
26	31	FBGEC-31-FC	sink	FC	Classroom 120 (Sp-Ed)	C	10/22	4:22
27	3F	FBGEC-3F-FC	sink	FC	Health room	C		FLUSH 4:37
28	5F	FBGEC-5F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		FLUSH 4:35
29	6F	FBGEC-6F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		FLUSH
30	8F	FBGEC-8-FC	island sink - Next to 2 Comp sink	FC	kitchen	C		FLUSH
31	10F	FBGEC-10-FC	island sink - See map	FC	kitchen	C		FLUSH
32	32F	FBGEC-32F-FC	Island sink - 2 comp	FC	Kitchen - 2 comp sink	C		FLUSH ↓

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