



Charles County Public Schools

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

Attention:

Tuesday, May 9, 2023

Certificate of Analysis
AMENDED

Project Information:

Report for Lab No: 60816.

First Draw samples flushed by Martel Laboratories on December 7, 2022, sampled by Martel on December 8, 2022.

Project Identification: MD HB 270

School: Dr. Gustavus Brown ES

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. This report is amends the either the original report or the last amended report sent on: May 8, 2023
It has been amended for the following reason(s): correct data sample ids.

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.


Project Manager



Certificate of Analysis

MARTEL NO. 60816 1 DBES-1-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 15:57 CSG

MARTEL NO. 60816 2 DBES-2-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.5	ug/l*	EPA .200.8	2	05/05/2023 16:10 CSG

MARTEL NO. 60816 3 DBES-3-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:12 CSG

MARTEL NO. 60816 4 DBES-4-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:15 CSG

MARTEL NO. 60816 5 DBES-5-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.21	ug/l*	EPA .200.8	2	05/05/2023 16:18 CSG

MARTEL NO. 60816 6 DBES-6-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:20 CSG

MARTEL NO. 60816 7 DBES-7-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:23 CSG

MARTEL NO. 60816 8 DBES-8-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.90	ug/l*	EPA .200.8	2	05/05/2023 16:25 CSG



MARTEL NO. 60816 9 DBES-9-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:28 CSG

MARTEL NO. 60816 10 DBES-10-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:31 CSG

MARTEL NO. 60816 11 DBES-11-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.66	ug/l*	EPA .200.8	2	05/05/2023 16:41 CSG

MARTEL NO. 60816 12 DBES-12-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:47 CSG

MARTEL NO. 60816 13 DBES-13-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:49 CSG

MARTEL NO. 60816 14 DBES-14-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.28	ug/l*	EPA .200.8	2	05/05/2023 16:52 CSG

MARTEL NO. 60816 15 DBES-15-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:55 CSG

MARTEL NO. 60816 16 DBES-16-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 16:57 CSG

MARTEL NO. 60816 17 CLIENT SAMPLE IDENTIFICATION DBES-17-FC Sample Date/Time 12/08/2022 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:00 CSG

MARTEL NO. 60816 18 CLIENT SAMPLE IDENTIFICATION DBES-18-FC Sample Date/Time 12/08/2022 05:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.8	ug/l*	EPA .200.8	2	05/05/2023 17:02 CSG

MARTEL NO. 60816 19 CLIENT SAMPLE IDENTIFICATION DBES-19-IM Sample Date/Time 12/08/2022 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 17:05 CSG

MARTEL NO. 60816 20 CLIENT SAMPLE IDENTIFICATION DBES-20-KK Sample Date/Time 12/08/2022 05:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	16.4	ug/l*	EPA .200.8	2	05/05/2023 17:07 CSG

MARTEL NO. 60816 21 CLIENT SAMPLE IDENTIFICATION DBES-21-FC Sample Date/Time 12/08/2022 05:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.18	ug/l*	EPA .200.8	2	05/05/2023 17:16 CSG

MARTEL NO. 60816 22 CLIENT SAMPLE IDENTIFICATION DBES-22-DC Sample Date/Time 12/08/2022 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:23 CSG

MARTEL NO. 60816 23 CLIENT SAMPLE IDENTIFICATION DBES-23-BU Sample Date/Time 12/08/2022 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:26 CSG

MARTEL NO. 60816 24 CLIENT SAMPLE IDENTIFICATION DBES-24-DC Sample Date/Time 12/08/2022 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 17:29 CSG



MARTEL NO. 60816 25 DBES-25-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 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 17:31 CSG

MARTEL NO. 60816 26 DBES-26-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:34 CSG

MARTEL NO. 60816 27 DBES-27-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:37 CSG

MARTEL NO. 60816 28 DBES-28-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:39 CSG

MARTEL NO. 60816 29 DBES-29-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:42 CSG

MARTEL NO. 60816 30 DBES-30-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:44 CSG

MARTEL NO. 60816 31 DBES-31-BU CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 17:55 CSG

MARTEL NO. 60816 32 DBES-32-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/08/2022 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 18:00 CSG



MARTEL NO. 60816 33 CLIENT SAMPLE IDENTIFICATION DBES-33-DC Sample Date/Time 12/08/2022 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 18:03 CSG

MARTEL NO. 60816 34 CLIENT SAMPLE IDENTIFICATION DBES-34-BU Sample Date/Time 12/08/2022 05:34

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

MARTEL NO. 60816 35 CLIENT SAMPLE IDENTIFICATION DBES-35-DC Sample Date/Time 12/08/2022 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 18:08 CSG

MARTEL NO. 60816 36 CLIENT SAMPLE IDENTIFICATION DBES-36-DC Sample Date/Time 12/08/2022 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 18:10 CSG

MARTEL NO. 60816 37 CLIENT SAMPLE IDENTIFICATION DBES-37-BU Sample Date/Time 12/08/2022 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 18:13 CSG

MARTEL NO. 60816 38 CLIENT SAMPLE IDENTIFICATION DBES-38-FC Sample Date/Time 12/08/2022 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.05	ug/l	EPA 200.8	2	05/05/2023 18:16 CSG

MARTEL NO. 60816 39 CLIENT SAMPLE IDENTIFICATION DBES-39-FC Sample Date/Time 12/08/2022 05:38

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

MARTEL NO. 60816 40 CLIENT SAMPLE IDENTIFICATION DBES-40-DC Sample Date/Time 12/08/2022 04:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/05/2023 18:21 CSG



Certificate of Analysis

MARTEL NO. 60816 41 CLIENT SAMPLE IDENTIFICATION DBES-41-BU Sample Date/Time 12/08/2022 04:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 18:29 CSG

MARTEL NO. 60816 16F CLIENT SAMPLE IDENTIFICATION DBES-16-FC Sample Date/Time 12/08/2022 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 18:36 CSG

MARTEL NO. 60816 17F CLIENT SAMPLE IDENTIFICATION DBES-17-FC Sample Date/Time 12/08/2022 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 18:39 CSG

MARTEL NO. 60816 18F CLIENT SAMPLE IDENTIFICATION DBES-18-FC Sample Date/Time 12/08/2022 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 18:42 CSG

MARTEL NO. 60816 20F CLIENT SAMPLE IDENTIFICATION DBES-20-KK Sample Date/Time 12/08/2022 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.41	ug/l	EPA .200.8	2	05/05/2023 18:44 CSG

MARTEL NO. 60816 21F CLIENT SAMPLE IDENTIFICATION DBES-21-FC Sample Date/Time 12/08/2022 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 18:47 CSG

MARTEL NO. 60816 39F CLIENT SAMPLE IDENTIFICATION DBES-39-FC Sample Date/Time 12/08/2022 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	05/05/2023 18:50 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

Flush Date: 12/7/22

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: 12/8/22 04:57 End Date/Time: 12/8/22 05:43

Sampler/Relinquished By: DH Received at Martel by: A. [Signature] Date/Time: 12-8-22 11:50

01-Dr. Gustavus Brown Elementary School
 421 University Drive Waldorf, MD 20602
 PSC #08.004 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 #	Sample #	Location ID #	Fixture Type (Sink, bubbler, Water Fountain, Geosneck, Ice Machine, Hose Bibb)	Outlet Key Codes	Room/Location	Consumption Cor NEC?	Martel NO:	
							Flush	Sample Time
							60816	
1	1	DBES-1-FC	Sink by Stove	FC	Cr 801 - K	C	✓	05:00
2	2	CES-2-FC	Sink by Storage	FC	Cr 801 - K	C	✓	05:00
3	3	CES-3-DB	Bubbler	DB	Cr 801 - K	C	✓	05:00
4	4	CES-4-FC	Sink by Stove	FC	Cr 802 - K	C	✓	05:03
5	5	CES-5-FC	Sink by Storage	FC	Cr 802 - K	C	✓	↓
6	6	CES-6-DB	Bubbler	DB	Cr 802 - K	C	✓	↓
7	7	CES-7-FC	Sink by Stove	FC	Cr 803 - Pre-K	C	✓	05:05
8	8	CES-8-FC	Sink by Storage	FC	Cr 803 - Pre-K	C	✓	↓
9	9	CES-9-DB	Bubbler	DB	Cr 803 - Pre-K	C	✓	↓
10	10	CES-10-FC	Sink by Stove	FC	Cr 804 - Pre-K	C	✓	05:08
11	11	CES-11-FC	Sink by Storage	FC	Cr 804 - Pre-K	C	✓	↓
12	12	CES-12-DB	Bubbler	DB	Cr 804 - Pre-K	C	✓	↓
13	13	CES-13-FC	Sink by Stove	FC	Cr 805 - Pre-K	C	✓	05:10
14	14	CES-14-FC	Sink by Storage	FC	Cr 805 - Pre-K	C	✓	↓
15	15	CES-15-DB	Bubbler	DB	Cr 805 - Pre-K	C	✓	↓
16	16	CES-16-FC	3 Comp Sink - Right	FC	Kitchen	C	✓	05:13
17	17	CES-17-FC	3 Comp Sink - Left	FC	Kitchen	C	✓	↓
18	18	CES-18-FC	Island Sink 2 Comp	FC	Kitchen	C	✓	05:14
19	19	CES-19-IM	Ice Machine	IM	Kitchen	C	✓	05:16
20	20	CES-20-KK	Kettle	KK	Kitchen	C	✓	05:17
21	21	CES-21-FC	Island Sink	FC	Kitchen	C	✓	05:14
22	22	CES-22-DC	Water Fountain	DC	Corridor	C	✓	05:26
23	23	CES-23-BU	Bottle Filler	BU	Corridor	C	✓	↓

P08

01-Dr. Gustavus Brown Elementary School

421 University Drive Waldorf, MD 20602

PSC #08.004 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	24	CES-24-DC	Water Fountain	DC	Corridor	C	✓	05:27
25	25	CES-25-BU	Bottle Filler	BU	Corridor	C	✓	↓
26	26	CES-26-DC	Water Fountain - Low	DC	Corridor	C	✓	05:30
27	27	CES-27-DC	Water Fountain - High	DC	Corridor	C	✓	↓
28	28	CES-28-BU	Bottle Filler	BU	Corridor	C	✓	↓
29	29	CES-29-DC	Water Fountain - Low - Left	DC	Corridor	C	✓	05:33
30	30	CES-30-DC	Water Fountain - High - Left	DC	Corridor	C	✓	↓
31	31	CES-31-BU	Bottle Filler - Left	BU	Corridor	C	✓	↓
32	32	CES-32-DC	Water Fountain - Low - Right	DC	Corridor	C	✓	05:34
33	33	CES-33-DC	Water Fountain - High - Right	DC	Corridor	C	✓	↓
34	34	CES-34-BU	Bottle Filler - Right	BU	Corridor	C	✓	↓
35	35	CES-35-DC	Water Fountain - Low	DC	Corridor	C	✓	05:36
36	36	CES-36-DC	Water Fountain - High	DC	Corridor	C	✓	↓
37	37	CES-37-BU	Bottle Filler	BU	Corridor	C	✓	↓
38	38	CES-38-FC	Sink	FC	Teachers' Lounge	C	✓	05:39
39	39	CES-39-FC	Sink	FC	Health Room	C	✓	05:39
40	40	CES-40-DC	Water Fountain	DC	Corridor	C	✓	04:57
41	41	CES-41-BU	Bottle Filler	BU	Corridor	C	✓	04:57
42	16F	CES-16F-FC	3 Comp Sink - Right	FC	Kitchen	C	X	05:23 Push before sample
43	17F	CES-17F-FC	3 Comp Sink - Left	FC	Kitchen	C	X	Push before sample
44	18F	CES-18F-FC	Island Sink 2 Comp	FC	Kitchen	C	X	Push before sample
45	20F	CES-20F-KK	Kettle	KK	Kitchen	C	X	Push before sample
46	21F	CES-21F-FC	Island Sink	FC	Kitchen	C	X	Push before sample
47	39F	CES-39F-FC	Sink	FC	Health Room	C	X	05:43 Push before sample