



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

Monday, February 24, 2025  
***Certificate of Analysis***  
**FINAL**

**Project Information:**

Report for Lab No: 78019.

First Draw samples flushed by Martel on November 20, 2024 sampled by Martel on November 21, 2024.

Project Identification: MD HB 270

School: Dr. James Craik Elementary School.

**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

  
Project Manager



**Certificate of Analysis**

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 1	CES-1-DC	11/21/2024 06:04			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2025 22:13 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 3	CES-3-DC	11/21/2024 06:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:17 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 4	CES-4-DB	11/21/2024 05:59			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:29 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 5	CES-5-DB	11/21/2024 05:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:31 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 6	CES-6-DB	11/21/2024 05:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:34 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 7	CES-7-DB	11/21/2024 05:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:36 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 8	CES-8-DB	11/21/2024 05:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:39 BJ



# Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 9	CES-9-DB	11/21/2024 05:49			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:41 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 15	CES-15-FC	11/21/2024 05:35			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.83	ug/l	EPA .200.8	2	02/19/2025 16:43 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 16	CES-16-DC	11/21/2024 05:38			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:46 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 17	CES-17-DC	11/21/2024 05:35			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 16:48 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 19	CES-19-FC	11/21/2024 05:43			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.49	ug/l	EPA .200.8	2	02/19/2025 16:58 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 20	CES-20-FC	11/21/2024 05:43			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.14	ug/l	EPA .200.8	2	02/19/2025 17:03 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
78019 21	CES-21-FC	11/21/2024 05:43			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.07	ug/l*	EPA .200.8	2	02/19/2025 17:06 BJ



# Certificate of Analysis

MARTEL NO. 78019 22 CES-22-IM CLIENT SAMPLE IDENTIFICATION Sample Date/Time 11/21/2024 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:08 BJ

MARTEL NO. 78019 24 CES-24-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 11/21/2024 05:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:11 BJ

MARTEL NO. 78019 25 CES-25-DC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 11/21/2024 05:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:13 BJ

MARTEL NO. 78019 26 CES-26-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 11/21/2024 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:15 BJ

MARTEL NO. 78019 27 CES-27-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 11/21/2024 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:18 BJ

MARTEL NO. 78019 28 CES-28-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 11/21/2024 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:20 BJ

MARTEL NO. 78019 29 CES-29-FC CLIENT SAMPLE IDENTIFICATION Sample Date/Time 11/21/2024 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:23 BJ



## Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
78019 30	CES-30-FC			11/21/2024 05:49	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:30 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
78019 32	CES-32-DC			11/21/2024 05:45	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:37 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
78019 33	CES-33-FC			11/21/2024 05:59	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:40 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
78019 34	CES-34-FC			11/21/2024 06:01	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:42 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
78019 35	CES-35-DB			11/21/2024 06:01	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:45 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
78019 36	CES-36-BU			11/21/2024 05:57	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:47 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time	
78019 37	CES-37-BU			11/21/2024 05:38	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/19/2025 17:50 BJ



**Certificate of Analysis**

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<b>MARTEL NO.</b> 78019	<b>15F</b>	<b>CLIENT SAMPLE IDENTIFICATION</b> CES-15F-FC FLUSH					<b>Sample Date/Time</b> 11/21/2024 06:09
<b>Compound</b>		<b>Test Value</b>	<b>Test Unit</b>	<b>Method</b>	<b>Detection Limit</b>	<b>Analysis Date/Time/Initial</b>	
Lead		<2	ug/l	EPA .200.8	2	02/19/2025 17:52 BJ	

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<b>MARTEL NO.</b> 78019	<b>19F</b>	<b>CLIENT SAMPLE IDENTIFICATION</b> CES-19F-FC FLUSH					<b>Sample Date/Time</b> 11/21/2024 06:15
<b>Compound</b>		<b>Test Value</b>	<b>Test Unit</b>	<b>Method</b>	<b>Detection Limit</b>	<b>Analysis Date/Time/Initial</b>	
Lead		<2	ug/l	EPA .200.8	2	02/19/2025 17:54 BJ	

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<b>MARTEL NO.</b> 78019	<b>20F</b>	<b>CLIENT SAMPLE IDENTIFICATION</b> CES-20F-FC FLUSH					<b>Sample Date/Time</b> 11/21/2024 06:15
<b>Compound</b>		<b>Test Value</b>	<b>Test Unit</b>	<b>Method</b>	<b>Detection Limit</b>	<b>Analysis Date/Time/Initial</b>	
Lead		<2	ug/l	EPA .200.8	2	02/19/2025 17:57 BJ	

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<b>MARTEL NO.</b> 78019	<b>21F</b>	<b>CLIENT SAMPLE IDENTIFICATION</b> CES-21F-FC FLUSH					<b>Sample Date/Time</b> 11/21/2024 06:15
<b>Compound</b>		<b>Test Value</b>	<b>Test Unit</b>	<b>Method</b>	<b>Detection Limit</b>	<b>Analysis Date/Time/Initial</b>	
Lead		<2	ug/l	EPA .200.8	2	02/19/2025 18:06 BJ	

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## MARTEL Chain of Custody Record

Martel Laboratories /DS 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: 11/21/24 5:35am End Date/Time: 11/21/24 6:15am  
 Sampler/Relinquished By: Newerson Simms-Clark Received at Martel by \_\_\_\_\_ Date/Time: 11/21/24

**02- Dr. James Craik Elementary School**  
**First Draw**

**7725 Marshall Corner Road Pomfret, MD 20675**

**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:

78019

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubble, Water Fountain, Gooseneck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption C or NC?	Flush	Sample Time
							Flush Date	
1	1	CES-1-DC	water cooler	DC	Next to learning center	C	11/20	6:04
2	3	CES-3-DC	water cooler	DC	Next to boys restroom	C	11/20	6:01
3	4	CES-4-DB	Bubbler	DB	Classroom 301 - Pre-K	C	11/20	5:59
4	5	CES-5-DB	Bubbler	DB	Classroom 310 - Activity Room	C	11/20	5:50
5	6	CES-6-DB	Bubbler	DB	Classroom 311 - K	C	11/20	5:54
6	7	CES-7-DB	Bubbler	DB	Classroom 309 - K	C	11/20	5:54
7	8	CES-8-DB	Bubbler	DB	Classroom 308 - Pre-K	C	11/20	5:54
8	9	CES-9-DB	Bubbler	DB	Classroom 313 - K	C	11/20	5:49
9	15	CES-15-FC	sink	FC	health room	C	11/20	5:35
10	16	CES-16-DC	water cooler	DC	next to gym	C	11/20	5:38
11	17	CES-17-DC	Water Fountain - Left	DC	Main Office	C	11/20	5:35
12	19	CES-19-FC	2 comp sink	FC	kitchen 2 comp sink	C	11/20	5:43
13	20	CES-20-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	11/20	5:43
14	21	CES-21-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	11/20	5:43
15	22	CES-22-IM	Ice Machine	IM	kitchen	C	11/20	5:43
16	24	CES-24-DC	water cooler - Left	DC	corridor next to boys restroom	C	11/20	5:57
17	25	CES-25-DC	water cooler - Right	DC	corridor next to boys restroom	C	11/20	5:57
18	26	CES-26-FC	sink	FC	Classroom 308 - Pre-K	C	11/20	5:54
19	27	CES-27-FC	sink	FC	Classroom 309 - K	C	11/20	5:54
20	28	CES-28-FC	sink	FC	Classroom 311 - K	C	11/20	5:54
21	29	CES-29-FC	sink	FC	activity room 310	C	11/20	5:50
22	30	CES-30-FC	sink	FC	Classroom 313 - K	C	11/20	5:49
23	32	CES-32-DC	Water Fountain	DC	Corridor	C	11/20	5:45
24	33	CES-33-FC	Sink	FC	Classroom 301 - Pre-K	C	11/20	5:59

02- Dr. James Craik Elementary School

First Draw

7725 Marshall Corner Road Pomfret, MD 20675

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:

78019

							Flush	
25	34	CES-34-FC	Sink	FC	CR 205 (Sp-Ed) Life Skills	C	11/20	6:01
26	35	CES-35-DB	Bubbler	DB	CR 205 (Sp-Ed) Life Skills	C	11/20	6:01
27	36	CES-36-BU	Bottle Filler	BU	Corridor	C	11/20	5:57
28	37	CES-37-BU	Bottle Filler	BU	Corridor	C	11/20	5:38
29	15F	CES-15F-FC	sink	FC	health room	C		FLUSH 6:09
30	19F	CES-19F-FC	2 comp sink	FC	kitchen 2 comp sink	C		FLUSH 6:15
31	20F	CES-20F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		FLUSH 6:15
32	21F	CES-21F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		FLUSH 6:15