

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

Thursday, January 9, 2025
Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 78007.

First Draw samples flushed by Martel on November 7, 2024 sampled by Martel on November 8, 2024.

Project Identification: MD HB 270

School: William A. Diggs 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



MARTEL NO. 78007 1 CLIENT SAMPLE IDENTIFICATION WDES-1-FC Sample Date/Time 11/08/2024 04:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:17 BJ

MARTEL NO. 78007 2 CLIENT SAMPLE IDENTIFICATION WDES-2-FC Sample Date/Time 11/08/2024 04:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:20 BJ

MARTEL NO. 78007 3 CLIENT SAMPLE IDENTIFICATION WDES-3-IM Sample Date/Time 11/08/2024 04:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:22 BJ

MARTEL NO. 78007 4 CLIENT SAMPLE IDENTIFICATION WDES-4-FC Sample Date/Time 11/08/2024 04:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.07	ug/l	EPA 200.8	2	01/07/2025 20:25 BJ

MARTEL NO. 78007 5 CLIENT SAMPLE IDENTIFICATION WDES-5-FC Sample Date/Time 11/08/2024 04:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.50	ug/l	EPA 200.8	2	01/07/2025 20:27 BJ

MARTEL NO. 78007 6 CLIENT SAMPLE IDENTIFICATION WDES-6-FC Sample Date/Time 11/08/2024 04:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.18	ug/l	EPA 200.8	2	01/07/2025 20:30 BJ

MARTEL NO. 78007 7 CLIENT SAMPLE IDENTIFICATION WDES-7-DC Sample Date/Time 11/08/2024 04:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:32 BJ

MARTEL NO. 78007 8 CLIENT SAMPLE IDENTIFICATION WDES-8-DC Sample Date/Time 11/08/2024 04:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:35 BJ



MARTEL NO. 78007 15 CLIENT SAMPLE IDENTIFICATION WDES-15-FC Sample Date/Time 11/08/2024 04:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:37 BJ

MARTEL NO. 78007 16 CLIENT SAMPLE IDENTIFICATION WDES-16-DB Sample Date/Time 11/08/2024 04:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:45 BJ

MARTEL NO. 78007 17 CLIENT SAMPLE IDENTIFICATION WDES-17-FC Sample Date/Time 11/08/2024 04:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:52 BJ

MARTEL NO. 78007 18 CLIENT SAMPLE IDENTIFICATION WDES-18-DB Sample Date/Time 11/08/2024 04:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:54 BJ

MARTEL NO. 78007 21 CLIENT SAMPLE IDENTIFICATION WDES-21-FC Sample Date/Time 11/08/2024 04:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:57 BJ

MARTEL NO. 78007 22 CLIENT SAMPLE IDENTIFICATION WDES-22-DB Sample Date/Time 11/08/2024 04:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 20:59 BJ

MARTEL NO. 78007 23 CLIENT SAMPLE IDENTIFICATION WDES-23-FC Sample Date/Time 11/08/2024 04:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:02 BJ

MARTEL NO. 78007 24 CLIENT SAMPLE IDENTIFICATION WDES-24-DB Sample Date/Time 11/08/2024 04:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:04 BJ



MARTEL NO. 78007 25 CLIENT SAMPLE IDENTIFICATION WDES-25-FC Sample Date/Time 11/08/2024 04:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:07 BJ

MARTEL NO. 78007 26 CLIENT SAMPLE IDENTIFICATION WDES-26-DB Sample Date/Time 11/08/2024 04:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:09 BJ

MARTEL NO. 78007 31 CLIENT SAMPLE IDENTIFICATION WDES-31-FC Sample Date/Time 11/08/2024 04:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:12 BJ

MARTEL NO. 78007 32 CLIENT SAMPLE IDENTIFICATION WDES-32-DB Sample Date/Time 11/08/2024 04:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:21 BJ

MARTEL NO. 78007 53 CLIENT SAMPLE IDENTIFICATION WDES-53-DC Sample Date/Time 11/08/2024 04:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:26 BJ

MARTEL NO. 78007 54 CLIENT SAMPLE IDENTIFICATION WDES-54-DC Sample Date/Time 11/08/2024 04:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:29 BJ

MARTEL NO. 78007 63 CLIENT SAMPLE IDENTIFICATION WDES-63-FC Sample Date/Time 11/08/2024 04:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:31 BJ

MARTEL NO. 78007 64 CLIENT SAMPLE IDENTIFICATION WDES-64-DB Sample Date/Time 11/08/2024 04:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 21:34 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 78	WDES-78-DC		11/08/2024 04:42			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:36 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 81	WDES-81-FC		11/08/2024 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:39 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 82	WDES-82-FC		11/08/2024 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:41 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 83	WDES-83-DB		11/08/2024 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:44 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 84	WDES-84-FC		11/08/2024 04:47			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:46 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 87	WDES-87-DC		11/08/2024 04:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 21:54 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 88	WDES-88-DC		11/08/2024 04:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 22:01 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 89	WDES-89-DC		11/08/2024 04:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 22:04 BJ	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 90	WDES-90-DC		11/08/2024 04:50			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:06 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 91	WDES-91-FC		11/08/2024 04:52			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:09 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 92	WDES-92-FC		11/08/2024 04:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:11 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 93	WDES-93-DB		11/08/2024 04:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:14 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 94	WDES-94-DC		11/08/2024 04:57			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:16 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 95	WDES-95-DC		11/08/2024 04:57			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:19 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 1F	WDES-1F-FC FLUSH		11/08/2024 05:13			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:21 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
78007 2F	WDES-2F-FC FLUSH		11/08/2024 05:13			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/07/2025 22:31 BJ	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time		
78007	4F	WDES-4F-FC FLUSH	11/08/2024 05:13		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 22:36 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time		
78007	5F	WDES-5F-FC FLUSH	11/08/2024 05:13		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 22:38 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time		
78007	6F	WDES-6F-FC FLUSH	11/08/2024 05:13		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.00	ug/l	EPA 200.8	2	01/07/2025 22:41 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time		
78007	81F	WDES-81F-FC FLUSH	11/08/2024 05:03		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 22:43 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time		
78007	82F	WDES-82F-FC FLUSH	11/08/2024 05:03		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 22:46 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time		
78007	83F	WDES-83F-DB FLUSH	11/08/2024 05:03		
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	01/07/2025 22:48 BJ

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: 11/8/24 4:20am End Date/Time: 11/8/24 5:03am

Sampler/Relinquished By: Neveerson Simms-Clark Received at Martel by _____ Date/Time: 11/8/24

23 William A. Diggs Elementary School
First Draw

2615 Davis Road Waldorf, MD 20603

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:

78007

Martel #	Sample #	Location ID #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb)	Outlet Key Codes	Room/Location	Consumption C or NG?	Flush	Sample Time
							Flush Date	
1	1	WDES-1-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	11/7	4:20
2	2	WDES-2-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	11/7	4:20
3	3	WDES-3-IM	Ice Machine	IM	Kitchen	C	11/7	4:20
4	4	WDES-4-FC	sink - next to ice maker	FC	Kitchen	C	11/7	4:20
5	5	WDES-5-FC	sink	FC	kitchen sink 2 comp	C	11/7	4:20
6	6	WDES-6-FC	sink - by locker room	FC	kitchen	C	11/7	4:20
7	7	WDES-7-DC	water fountain - ^{top} _{bottom}	DC	corridor wing	C	11/7	4:24
8	8	WDES-8-DC	water fountain - ^{top} _{bottom}	DC	corridor wing	C	11/7	4:24
9	15	WDES-15-FC	sink	FC	Classroom D 131 - Pre-K	C	11/7	4:26
10	16	WDES-16-DB	bubbler	DB	Classroom D 131 - Pre-K	C	11/7	4:26
11	17	WDES-17-FC	sink	FC	Classroom D 134 - K	C	11/7	4:28
12	18	WDES-18-DB	bubbler	DB	Classroom D 134 - K	C	11/7	4:28
13	21	WDES-21-FC	sink	FC	Classroom D 104 - K	C	11/7	4:30
14	22	WDES-22-DB	bubbler	DB	Classroom D 104 - K	C	11/7	4:30
15	23	WDES-23-FC	sink	FC	Classroom D 107 - K	C	11/7	4:31
16	24	WDES-24-DB	bubbler	DB	Classroom D 107 - K	C	11/7	4:31
17	25	WDES-25-FC	sink	FC	Classroom D 110 - K	C	11/7	4:33
18	26	WDES-26-DB	bubbler	DB	Classroom D 110 - K	C	11/7	4:33
19	31	WDES-31-FC	sink	FC	CR D 117 (Sp-Ed) SOAR	C	11/7	4:36
20	32	WDES-32-DB	bubbler	DB	CR D 117 (Sp-Ed) SOAR	C	11/7	4:36
21	53	WDES-53-DC	water fountain - ^{top} _{bottom}	DC	corridor	C	11/7	4:38
22	54	WDES-54-DC	water fountain - ^{top} _{bottom}	DC	corridor	C	11/7	4:38
23	63	WDES-63-FC	sink	FC	CR F 126 (Sp-Ed) Pull Out	C	11/7	4:41
24	64	WDES-64-DB	bubbler	DB	CR F 126 (Sp-Ed) Pull Out	C	11/7	4:41

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23 William A. Diggs Elementary School

First Draw

2615 Davis Road Waldorf, MD 20603

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	78007
25	77	WDES-77-DC	water fountain- ^{top bottle} on left _{fill}	DC	corridor	C	NO SAMP	NO SAMP
26	78	WDES-78-DC	water fountain- ^{top bottle} on right _{bottom}	DC	corridor	C	11/7	4:42
27	81	WDES-81-FC	sink	FC	Health Room A119	C	11/7	4:45
28	82	WDES-82-FC	sink	FC	Health Room A120	C	11/7	4:45
29	83	WDES-83-DB	bubbler	DB	Health Room A120	C	11/7	4:45
30	84	WDES-84-FC	sink	FC	Staff Lounge A136	C	11/7	4:47
31	87	WDES-87-DC	water fountain- ^{top bottle} See map _{fill}	DC	corridor #87-#90 left to right	C	11/7	4:50
32	88	WDES-88-DC	water fountain- ^{top bottle} See map _{fill}	DC	corridor #87-#90 left to right	C	11/7	4:50
33	89	WDES-89-DC	water fountain- ^{top bottle} See map _{fill}	DC	corridor #87-#90 left to right	C	11/7	4:50
34	90	WDES-90-DC	water fountain- ^{top bottle} See map _{bottom}	DC	corridor #87-#90 left to right	C	11/7	4:50
35	91	WDES-91-FC	sink	FC	classroom B116 - coffee pot manual fill	C	11/7	4:52
36	92	WDES-92-FC	sink	FC	CR B111 (Sp-Ed) SOAR	C	11/7	4:54
37	93	WDES-93-DB	bubbler	DB	CR B111 (Sp-Ed) SOAR	C	11/7	4:54
38	94	WDES-94-DC	water fountain- ^{top bottle} See map _{fill}	DC	Main office	C	11/7	4:57
39	95	WDES-95-DC	water fountain - ^{top bottle} on right _{bottom}	DC	Main office	C	11/7	4:57
40	1F	WDES-1F-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C		FLUSH 5:13
41	2F	WDES-2F-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		FLUSH 5:13
42	4F	WDES-4F-FC	sink - next to ice maker	FC	Kitchen	C		FLUSH 5:13
43	5F	WDES-5F-FC	sink	FC	kitchen sink 2 comp	C		FLUSH 5:13
44	6F	WDES-6F-FC	sink - by locker room	FC	kitchen	C		FLUSH 5:13
45	81F	WDES-81F-FC	sink	FC	Health Room A119	C		FLUSH 5:03
46	82F	WDES-82F-FC	sink	FC	Health Room A120	C		FLUSH 5:03
47	83F	WDES-83F-DB	bubbler	DB	Health Room A120	C		FLUSH 5:03

P09
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 1/9/22