

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

Monday, February 5, 2024
Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 70109.

First Draw samples flushed by Martel on November 7, 2023, sampled by Martel on November 8, 2023.

Project Identification: MD HB 270

School: Mary B. Neal 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.

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. 70109 1 CLIENT SAMPLE IDENTIFICATION WNES-1-FC Sample Date/Time 11/08/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 16:50 EK

MARTEL NO. 70109 2 CLIENT SAMPLE IDENTIFICATION WNES-2-FC Sample Date/Time 11/08/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.08	ug/l	EPA .200.8	2	02/01/2024 17:02 EK

MARTEL NO. 70109 3 CLIENT SAMPLE IDENTIFICATION WNES-3-IM Sample Date/Time 11/08/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:04 EK

MARTEL NO. 70109 4 CLIENT SAMPLE IDENTIFICATION WNES-4-FC Sample Date/Time 11/08/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:06 EK

MARTEL NO. 70109 5 CLIENT SAMPLE IDENTIFICATION WNES-5-FC Sample Date/Time 11/08/2023 06:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.01	ug/l	EPA .200.8	2	02/01/2024 17:09 EK

MARTEL NO. 70109 6 CLIENT SAMPLE IDENTIFICATION WNES-6-DC Sample Date/Time 11/08/2023 06:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:11 EK

MARTEL NO. 70109 7 CLIENT SAMPLE IDENTIFICATION WNES-7-DC Sample Date/Time 11/08/2023 06:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:14 EK

MARTEL NO. 70109 8 CLIENT SAMPLE IDENTIFICATION WNES-8-DC Sample Date/Time 11/08/2023 06:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:16 EK



MARTEL NO. 70109 9 CLIENT SAMPLE IDENTIFICATION WNES-9-DC Sample Date/Time 11/08/2023 06:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:19 EK

MARTEL NO. 70109 10 CLIENT SAMPLE IDENTIFICATION WNES-10-FC Sample Date/Time 11/08/2023 06:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:21 EK

MARTEL NO. 70109 13 CLIENT SAMPLE IDENTIFICATION WNES-13-FC Sample Date/Time 11/08/2023 06:52

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.10	ug/l	EPA .200.8	2	02/01/2024 17:31 EK

MARTEL NO. 70109 14 CLIENT SAMPLE IDENTIFICATION WNES-14-DB Sample Date/Time 11/08/2023 06:52

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:36 EK

MARTEL NO. 70109 17 CLIENT SAMPLE IDENTIFICATION WNES-17-DC Sample Date/Time 11/08/2023 06:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:39 EK

MARTEL NO. 70109 18 CLIENT SAMPLE IDENTIFICATION WNES-18-DC Sample Date/Time 11/08/2023 06:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:41 EK

MARTEL NO. 70109 19 CLIENT SAMPLE IDENTIFICATION WNES-19-FC Sample Date/Time 11/08/2023 06:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:43 EK

MARTEL NO. 70109 20 CLIENT SAMPLE IDENTIFICATION WNES-20-FC Sample Date/Time 11/08/2023 06:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:46 EK



MARTEL NO. 70109 21 CLIENT SAMPLE IDENTIFICATION WNES-21-DC Sample Date/Time 11/08/2023 06:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:48 EK

MARTEL NO. 70109 32 CLIENT SAMPLE IDENTIFICATION WNES-32-FC Sample Date/Time 11/08/2023 06:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:51 EK

MARTEL NO. 70109 33 CLIENT SAMPLE IDENTIFICATION WNES-33-DB Sample Date/Time 11/08/2023 06:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:53 EK

MARTEL NO. 70109 36 CLIENT SAMPLE IDENTIFICATION WNES-36-FC Sample Date/Time 11/08/2023 07:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 17:56 EK

MARTEL NO. 70109 37 CLIENT SAMPLE IDENTIFICATION WNES-37-DB Sample Date/Time 11/08/2023 07:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:03 EK

MARTEL NO. 70109 38 CLIENT SAMPLE IDENTIFICATION WNES-38-FC Sample Date/Time 11/08/2023 07:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.31	ug/l	EPA .200.8	2	02/01/2024 18:11 EK

MARTEL NO. 70109 39 CLIENT SAMPLE IDENTIFICATION WNES-39-DB Sample Date/Time 11/08/2023 07:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:13 EK

MARTEL NO. 70109 40 CLIENT SAMPLE IDENTIFICATION WNES-40-FC Sample Date/Time 11/08/2023 07:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:15 EK



MARTEL NO. 70109 41 CLIENT SAMPLE IDENTIFICATION WNES-41-DB Sample Date/Time 11/08/2023 07:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:18 EK

MARTEL NO. 70109 42 CLIENT SAMPLE IDENTIFICATION WNES-42-FC Sample Date/Time 11/08/2023 07:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:20 EK

MARTEL NO. 70109 43 CLIENT SAMPLE IDENTIFICATION WNES-43-DB Sample Date/Time 11/08/2023 07:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:23 EK

MARTEL NO. 70109 44 CLIENT SAMPLE IDENTIFICATION WNES-44-FC Sample Date/Time 11/08/2023 07:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:25 EK

MARTEL NO. 70109 45 CLIENT SAMPLE IDENTIFICATION WNES-45-DB Sample Date/Time 11/08/2023 07:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:28 EK

MARTEL NO. 70109 46 CLIENT SAMPLE IDENTIFICATION WNES-46-FC Sample Date/Time 11/08/2023 07:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:30 EK

MARTEL NO. 70109 47 CLIENT SAMPLE IDENTIFICATION WNES-47-DB Sample Date/Time 11/08/2023 07:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:40 EK

MARTEL NO. 70109 48 CLIENT SAMPLE IDENTIFICATION WNES-48-FC Sample Date/Time 11/08/2023 07:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.82	ug/l	EPA .200.8	2	02/01/2024 18:45 EK



MARTEL NO. 70109 49 CLIENT SAMPLE IDENTIFICATION WNES-49-DB Sample Date/Time 11/08/2023 07:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:47 EK

MARTEL NO. 70109 50 CLIENT SAMPLE IDENTIFICATION WNES-50-FC Sample Date/Time 11/08/2023 07:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.48	ug/l	EPA .200.8	2	02/02/2024 16:05 EK

MARTEL NO. 70109 51 CLIENT SAMPLE IDENTIFICATION WNES-51-DB Sample Date/Time 11/08/2023 07:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:52 EK

MARTEL NO. 70109 52 CLIENT SAMPLE IDENTIFICATION WNES-52-FC Sample Date/Time 11/08/2023 07:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:54 EK

MARTEL NO. 70109 53 CLIENT SAMPLE IDENTIFICATION WNES-53-DB Sample Date/Time 11/08/2023 07:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/02/2024 16:07 EK

MARTEL NO. 70109 54 CLIENT SAMPLE IDENTIFICATION WNES-54-DC Sample Date/Time 11/08/2023 07:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 18:59 EK

MARTEL NO. 70109 55 CLIENT SAMPLE IDENTIFICATION WNES-55-FC Sample Date/Time 11/08/2023 07:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.23	ug/l	EPA .200.8	2	02/01/2024 19:02 EK

MARTEL NO. 70109 56 CLIENT SAMPLE IDENTIFICATION WNES-56-DB Sample Date/Time 11/08/2023 07:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.29	ug/l	EPA .200.8	2	02/01/2024 19:04 EK



MARTEL NO. 70109 75 CLIENT SAMPLE IDENTIFICATION WNES-75-DC Sample Date/Time 11/08/2023 07:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 19:11 EK

MARTEL NO. 70109 76 CLIENT SAMPLE IDENTIFICATION WNES-76-FC Sample Date/Time 11/08/2023 07:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.98	ug/l	EPA .200.8	2	02/01/2024 19:19 EK

MARTEL NO. 70109 1F CLIENT SAMPLE IDENTIFICATION WNES-1F-FC Sample Date/Time 11/08/2023 07:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/02/2024 16:10 EK

MARTEL NO. 70109 2F CLIENT SAMPLE IDENTIFICATION WNES-2F-FC Sample Date/Time 11/08/2023 07:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 19:24 EK

MARTEL NO. 70109 4F CLIENT SAMPLE IDENTIFICATION WNES-4F-FC Sample Date/Time 11/08/2023 07:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 19:26 EK

MARTEL NO. 70109 5F CLIENT SAMPLE IDENTIFICATION WNES-5F-FC Sample Date/Time 11/08/2023 07:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 19:28 EK

MARTEL NO. 70109 19F CLIENT SAMPLE IDENTIFICATION WNES-19F-FC Sample Date/Time 11/08/2023 07:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 19:31 EK

MARTEL NO. 70109 20F CLIENT SAMPLE IDENTIFICATION WNES-20F-FC Sample Date/Time 11/08/2023 07:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/01/2024 19:33 EK

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: 11/8/23 06:42 End Date/Time: 11/8/23 07:40

Sampler/Relinquished By: DH Received at Martel by [Signature] Date/Time: 11/10 1200

24 Mary B. Neal Elementary School PSC #08.045

First Draw

12105 St. Georges Drive Waldorf, MD 20602

**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:

70109

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Geosneck, Ice Machine, Hose Bibb)</small>	Outlet Key Codes	Room/Location	Consumption C or NC?	Flush	Sample Time
							Flush Date	
1	1	WNES-1-FC	Sink	FC	Kitchen	C	11/7	06:46Z
2	2	WNES-2-FC	2 comp Sink	FC	Kitchen 2 comp	C	↓	
3	3	WNES-3-IM	Ice Machine	IM	Kitchen	C	↓	
4	4	WNES-4-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	↓	
5	5	WNES-5-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	↓	
6	6	WNES-6-DC	water fountain on left (Boys)	DC	Corridor	C	11/7	06:45
7	7	WNES-7-DC	water fountain on right (Boys)	DC	Corridor	C	↓	
8	8	WNES-8-DC	water fountain on left (Girls)	DC	Corridor	C	↓	06:47
9	9	WNES-9-DC	water fountain on right (Girls)	DC	Corridor	C	↓	
10	10	WNES-10-FC	sink	FC	Teacher lounge	C	11/7	06:49
11	13	WNES-13-FC	sink	FC	CR B101 (Sp-Ed) Life Skills	C	↓	06:52
12	14	WNES-14-DB	bubbler	DB	CR B101 (Sp-Ed) Life Skills	C	↓	
13	17	WNES-17-DC	Water fountain on left	DC	Main Office Hallway	C	11/7	06:54
14	18	WNES-18-DC	water fountain on right	DC	Main Office Hallway	C	↓	
15	19	WNES-19-FC	sink	FC	Nurse office	C	↓	06:55
16	20	WNES-20-FC	sink	FC	Nurse Office A124	C	↓	
17	21	WNES-21-DC	water fountain	DC	Corridor	C	11/7	06:57
18	32	WNES-32-FC	sink	FC	CR D120 (Sp-ED) Pull Out	C	11/7	06:58
19	33	WNES-33-DB	bubbler	DB	CR D120 (Sp-ED) Pull Out	C	↓	
20	36	WNES-36-FC	sink	FC	Classroom E133 - Pre-K	C	11/7	07:00
21	37	WNES-37-DB	bubbler	DB	Classroom E133 - Pre-K	C	↓	
22	38	WNES-38-FC	sink	FC	CR E106 (Sp-Ed) EA	C	11/7	07:03

24 Mary B. Neal Elementary School PSC #08.045

First Draw

12105 St. Georges Drive Waldorf, MD 20602

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

70109

							Flush	Martel NO:
23	39	WNES-39-DB	bubbler	DB	CR E106 (Sp-Ed) EA	C	11/7	07:03
24	40	WNES-40-FC	sink	FC	Classroom E130 - Pre-K	C	11/7	07:05
25	41	WNES-41-DB	bubbler	DB	Classroom E130 - Pre-K	C	↓	↓
26	42	WNES-42-FC	sink	FC	CR E112 (Sp-Ed) EA	C	11/7	07:07
27	43	WNES-43-DB	bubbler	DB	CR E112 (Sp-Ed) EA	C	↓	↓
28	44	WNES-44-FC	sink	FC	Classroom E127 - K	C	11/7	07:08
29	45	WNES-45-DB	bubbler	DB	Classroom E127 - K	C	↓	↓
30	46	WNES-46-FC	sink	FC	CR E114 (Sp-Ed) Pull Out	C	11/7	07:10
31	47	WNES-47-DB	bubbler	DB	CR E114 (Sp-Ed) Pull Out	C	↓	↓
32	48	WNES-48-FC	sink	FC	Classroom E124 - K	C	11/7	07:11
33	49	WNES-49-DB	bubbler	DB	Classroom E124 - K	C	↓	↓
34	50	WNES-50-FC	sink	FC	Classroom E117 - K	C	11/7	07:13
35	51	WNES-51-DB	bubbler	DB	Classroom E117 - K	C	↓	↓
36	52	WNES-52-FC	sink	FC	Classroom E121 - K	C	11/7	07:16
37	53	WNES-53-DB	bubbler	DB	Classroom E121 - K	C	↓	↓
38	54	WNES-54-DC	water fountain	DC	Corridor - (2nd Floor)	C	11/7	07:20
39	55	WNES-55-FC	sink	FC	CR G207 (Sp-Ed) Pull Out	C	11/7	07:22
40	56	WNES-56-DB	bubbler	DB	CR G207 (Sp-Ed) Pull Out	C	↓	↓
41	75	WNES-75-DC	water fountain	DC	Corridor	C	11/7	07:23
42	76	WNES-76-FC	sink	FC	CR F208 (Sp-Ed) Pull Out	C	↓	07:24
43	1F	WNES-1-FC	Sink	FC	Kitchen	C	XXX	Flush at end, record time 07:40
44	2F	WNES-2-FC	2 comp Sink	FC	Kitchen 2 comp	C	XXX	Flush at end, record time
45	4F	WNES-4-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	XXX	Flush at end, record time
46	5F	WNES-5-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C	XXX	Flush at end, record time
47	19F	WNES-19-FC	sink	FC	Nurse office	C	XXX	Flush at end, record time 07:31
48	20F	WNES-20-FC	sink	FC	Nurse Office A124	C	XXX	Flush at end, record time ↓