



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

Monday, February 21, 2022
Certificate of Analysis
FINAL

Project Information:

Report for Lab No: 60444.
Samples flushed by Martel on December 17, 2021, sampled by Martel on December 18, 2021.
Project Identification: MD HB 270
School: J. P. Ryon Elementary School PSC #08.038.

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.



Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60444 1	JPRES-1-FC [Sink - Left fixture--Kitchen - Left Fixture on	12/18/2021 09:25
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 12:38 BJ
60444 2	JPRES-2-FC [Sink - Right fixture--Kitchen - Right Fixture	12/18/2021 09:25
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 12:50 BJ
60444 3	JPRES-3-IM [Ice Machine --kitchen]	12/18/2021 09:25
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 12:53 BJ
60444 4	JPRES-4-FC [sink next to ice maker--kitchen sink]	12/18/2021 09:25
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 12:55 BJ
60444 5	JPRES-5-FC [sink--kitchen 2 comp sink]	12/18/2021 09:26
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 12:58 BJ
60444 6	JPRES-6-FC [sink--kitchen sink]	12/18/2021 09:27
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 13:00 BJ
60444 7	JPRES-7-DC [water fountain on left--corridor]	12/18/2021 09:32
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 13:03 BJ
60444 8	JPRES-8-DC [water fountain on right--corridor]	12/18/2021 09:32
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/17/2022 13:05 BJ



Certificate of Analysis

MARTEL NO. 60444 13 CLIENT SAMPLE IDENTIFICATION JPRES-13-DC [water fountain--corridor] Sample Date/Time 12/18/2021 09:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	not	functioning	EPA .200.8	2	/ /

MARTEL NO. 60444 26 CLIENT SAMPLE IDENTIFICATION JPRES-26-DC [water fountain--corridor] Sample Date/Time 12/18/2021 09:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:08 BJ

MARTEL NO. 60444 31 CLIENT SAMPLE IDENTIFICATION JPRES-31-DC [Water Fountain--corridor] Sample Date/Time 12/18/2021 09:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.03	ug/l	EPA .200.8	2	02/17/2022 13:18 BJ

MARTEL NO. 60444 38 CLIENT SAMPLE IDENTIFICATION JPRES-38-FC [sink - Right--Classroom 149 - Pre-K] Sample Date/Time 12/18/2021 09:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:23 BJ

MARTEL NO. 60444 39 CLIENT SAMPLE IDENTIFICATION JPRES-39-DB [bubbler--Classroom 149 - Pre-K] Sample Date/Time 12/18/2021 09:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:26 BJ

MARTEL NO. 60444 40 CLIENT SAMPLE IDENTIFICATION JPRES-40-FC [sink - Left--Classroom 149 - Pre-K] Sample Date/Time 12/18/2021 09:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:28 BJ

MARTEL NO. 60444 43 CLIENT SAMPLE IDENTIFICATION JPRES-43-DC [water fountain--corridor] Sample Date/Time 12/18/2021 09:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:31 BJ

MARTEL NO. 60444 46 CLIENT SAMPLE IDENTIFICATION JPRES-46-FC [sink - Left--Classroom 148 - Pre-K] Sample Date/Time 12/18/2021 09:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:33 BJ



Certificate of Analysis

MARTEL NO. 60444 47 CLIENT SAMPLE IDENTIFICATION JPRES-47-DB [bubbler--Classroom 148 - Pre-K] Sample Date/Time 12/18/2021 09:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:36 BJ

MARTEL NO. 60444 48 CLIENT SAMPLE IDENTIFICATION JPRES-48-FC [sink - Right--Classroom 148 - Pre-K] Sample Date/Time 12/18/2021 09:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:38 BJ

MARTEL NO. 60444 49 CLIENT SAMPLE IDENTIFICATION JPRES-49-FC [sink on left--Classroom 147 - Pre-K] Sample Date/Time 12/18/2021 09:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:41 BJ

MARTEL NO. 60444 50 CLIENT SAMPLE IDENTIFICATION JPRES-50-DB [bubbler on left--Classroom 147 - Pre-K] Sample Date/Time 12/18/2021 09:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:43 BJ

MARTEL NO. 60444 51 CLIENT SAMPLE IDENTIFICATION JPRES-51-FC [sink on right--Classroom 147 - Pre-K] Sample Date/Time 12/18/2021 09:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:51 BJ

MARTEL NO. 60444 52 CLIENT SAMPLE IDENTIFICATION JPRES-52-DB [bubbler on right --Classroom 147 - Pre-K] Sample Date/Time 12/18/2021 09:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 13:59 BJ

MARTEL NO. 60444 53 CLIENT SAMPLE IDENTIFICATION JPRES-53-FC [sink--Classroom 142 - K] Sample Date/Time 12/18/2021 09:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:01 BJ

MARTEL NO. 60444 54 CLIENT SAMPLE IDENTIFICATION JPRES-54-DB [bubbler--Classroom 142 - K] Sample Date/Time 12/18/2021 09:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:04 BJ



Certificate of Analysis

MARTEL NO. 60444 55 CLIENT SAMPLE IDENTIFICATION JPRES-55-FC [sink--Classroom 141 - K] Sample Date/Time 12/18/2021 09:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:06 BJ

MARTEL NO. 60444 56 CLIENT SAMPLE IDENTIFICATION JPRES-56-DB [bubbler--Classroom 141 - K] Sample Date/Time 12/18/2021 09:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:09 BJ

MARTEL NO. 60444 57 CLIENT SAMPLE IDENTIFICATION JPRES-57-FC [sink--Classroom 140 - K] Sample Date/Time 12/18/2021 09:06

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:11 BJ

MARTEL NO. 60444 58 CLIENT SAMPLE IDENTIFICATION JPRES-58-DB [bubbler--Classroom 140 - K] Sample Date/Time 12/18/2021 09:06

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:13 BJ

MARTEL NO. 60444 59 CLIENT SAMPLE IDENTIFICATION JPRES-59-FC [sink--Classroom 139 - K] Sample Date/Time 12/18/2021 08:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:16 BJ

MARTEL NO. 60444 60 CLIENT SAMPLE IDENTIFICATION JPRES-60-DB [bubbler--Classroom 139 - K] Sample Date/Time 12/18/2021 08:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:18 BJ

MARTEL NO. 60444 61 CLIENT SAMPLE IDENTIFICATION JPRES-61-FC [sink--Classroom 138 - K] Sample Date/Time 12/18/2021 08:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:28 BJ

MARTEL NO. 60444 62 CLIENT SAMPLE IDENTIFICATION JPRES-62-DB [bubbler--Classroom 138 - K] Sample Date/Time 12/18/2021 08:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:33 BJ



Certificate of Analysis

MARTEL NO. 60444 63 CLIENT SAMPLE IDENTIFICATION JPRES-63-DC [water fountain on left--corridor] Sample Date/Time 12/18/2021 08:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:36 BJ

MARTEL NO. 60444 64 CLIENT SAMPLE IDENTIFICATION JPRES-64-DC [water fountain on right--corridor] Sample Date/Time 12/18/2021 08:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:38 BJ

MARTEL NO. 60444 67 CLIENT SAMPLE IDENTIFICATION JPRES-67-FC [sink - Right--Classroom 134 - Pre-K] Sample Date/Time 12/18/2021 09:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.49	ug/l*	EPA .200.8	2	02/17/2022 14:41 BJ

MARTEL NO. 60444 68 CLIENT SAMPLE IDENTIFICATION JPRES-68-DB [bubbler--Classroom 134 - Pre-K] Sample Date/Time 12/18/2021 09:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:43 BJ

MARTEL NO. 60444 69 CLIENT SAMPLE IDENTIFICATION JPRES-69-FC [sink - Left--Classroom 134 - Pre-K] Sample Date/Time 12/18/2021 09:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:46 BJ

MARTEL NO. 60444 72 CLIENT SAMPLE IDENTIFICATION JPRES-72-FC [sink--Classroom 130 (Sp-Ed) Life Skills] Sample Date/Time 12/18/2021 08:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:48 BJ

MARTEL NO. 60444 73 CLIENT SAMPLE IDENTIFICATION JPRES-73-DB [bubbler--Classroom 130 (Sp-Ed) Life Skills] Sample Date/Time 12/18/2021 08:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:51 BJ

MARTEL NO. 60444 80 CLIENT SAMPLE IDENTIFICATION JPRES-80-DC [water fountain on left--corridor] Sample Date/Time 12/18/2021 08:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 14:53 BJ



MARTEL NO. 60444 81 CLIENT SAMPLE IDENTIFICATION JPRES-81-DC [water fountain on right--corridor] Sample Date/Time 12/18/2021 08:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.40	ug/l	EPA .200.8	2	02/17/2022 15:01 BJ

MARTEL NO. 60444 84 CLIENT SAMPLE IDENTIFICATION JPRES-84-DC [water fountain--corridor] Sample Date/Time 12/18/2021 08:51

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 15:08 BJ

MARTEL NO. 60444 85 CLIENT SAMPLE IDENTIFICATION JPRES-85-FC [sink--staff lounge] Sample Date/Time 12/18/2021 09:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 15:11 BJ

MARTEL NO. 60444 86 CLIENT SAMPLE IDENTIFICATION JPRES-86-FC [sink--nurse office] Sample Date/Time 12/18/2021 08:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/17/2022 15:13 BJ

MARTEL Chain of Custody Record

Martel Laboratoies 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: 12/18/21 0851 End Date/Time: 12/18/21 0932

Sampler/Relinquished By: DS Received at Martel by [Signature] Date/Time: 12/20/21 [Signature]

14 J.P. Ryon Elementary School PSC #08.038
12140 Vivian Adams Drive Waldorf, MD 20601

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN
 SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

Martel NO:
60444

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)</small>	Outlet Key Codes	Room/Location	Consumption <small>C or NC?</small>	Flush	Sample Time
							Flush Date	
1	1	JPRES-1-FC	Sink - Left fixture	FC	Kitchen - Left Fixture on 3 Comp Sink	C	12/17/21	0925
2	2	JPRES-2-FC	Sink - Right fixture	FC	Kitchen - Right Fixture on 3 Comp Sink	C		0925
3	3	JPRES-3-IM	Ice Machine	IM	kitchen	C		0925
4	4	JPRES-4-FC	sink next to ice maker	FC	kitchen sink	C		0925
5	5	JPRES-5-FC	sink	FC	kitchen 2 comp sink	C		0926
6	6	JPRES-6-FC	sink	FC	kitchen sink	C		0927
7	7	JPRES-7-DC	water fountain on left	DC	corridor	C		0932
8	8	JPRES-8-DC	water fountain on right	DC	corridor	C		0932
9	13	JPRES-13-DC	water fountain	DC	corridor	C		
10	26	JPRES-26-DC	water fountain	DC	corridor	C		0930
11	31	JPRES-31-DC	Water Fountain	DC	corridor	C		0917
12	38	JPRES-38-FC	sink - Right	FC	Classroom 149 - Pre-K	C		0915
13	39	JPRES-39-DB	bubbler	DB	Classroom 149 - Pre-K	C		0915
14	40	JPRES-40-FC	sink - Left	FC	Classroom 149 - Pre-K	C		0915
15	43	JPRES-43-DC	water fountain	DC	corridor	C		0916
16	46	JPRES-46-FC	sink - Left	FC	Classroom 148 - Pre-K	C		0912
17	47	JPRES-47-DB	bubbler	DB	Classroom 148 - Pre-K	C		0912
18	48	JPRES-48-FC	sink - Right	FC	Classroom 148 - Pre-K	C		0912
19	49	JPRES-49-FC	sink on left	FC	Classroom 147 - Pre-K	C		0910
20	50	JPRES-50-DB	bubbler on left	DB	Classroom 147 - Pre-K	C		0910
21	51	JPRES-51-FC	sink on right	FC	Classroom 147 - Pre-K	C		0910
22	52	JPRES-52-DB	bubbler on right	DB	Classroom 147 - Pre-K	C		0910
23	53	JPRES-53-FC	sink	FC	Classroom 142 - K	C		0909
24	54	JPRES-54-DB	bubbler	DB	Classroom 142 - K	C		0909
25	55	JPRES-55-FC	sink	FC	Classroom 141 - K	C		0907

Water fountain off. unable to turn on

✗

P08

14 J.P. Ryon Elementary School PSC #08.038

12140 Vivian Adams Drive Waldorf, MD 20601

ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER

Martel NO:

Flush 60444

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26	56	JPRES-56-DB	bubbler	DB	Classroom 141 - K	C			0907
27	57	JPRES-57-FC	sink	FC	Classroom 140 - K	C			0906
28	58	JPRES-58-DB	bubbler	DB	Classroom 140 - K	C			0906
29	59	JPRES-59-FC	sink	FC	Classroom 139 - K	C			0859
30	60	JPRES-60-DB	bubbler	DB	Classroom 139 - K	C			0859
31	61	JPRES-61-FC	sink	FC	Classroom 138 - K	C			0859
32	62	JPRES-62-DB	bubbler	DB	Classroom 138 - K	C			0858
33	63	JPRES-63-DC	water fountain on left	DC	corridor	C			0857
34	64	JPRES-64-DC	water fountain on right	DC	corridor	C			0857
35	67	JPRES-67-FC	sink - Right	FC	Classroom 134 - Pre-K	C			0921
36	68	JPRES-68-DB	bubbler	DB	Classroom 134 - Pre-K	C			0921
37	69	JPRES-69-FC	sink - Left	FC	Classroom 134 - Pre-K	C			0921
38	72	JPRES-72-FC	sink	FC	Classroom 130 (Sp-Ed) Life Skills	C			0855
39	73	JPRES-73-DB	bubbler	DB	Classroom 130 (Sp-Ed) Life Skills	C			0855
40	80	JPRES-80-DC	water fountain on left	DC	corridor	C			0853
41	81	JPRES-81-DC	water fountain on right	DC	corridor	C			0853
42	84	JPRES-84-DC	water fountain	DC	corridor	C			0851
43	85	JPRES-85-FC	sink	FC	staff lounge	C			0928
44	86	JPRES-86-FC	sink	FC	nurse office	C			0850