



Charles County Public Schools

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

Attention:

Friday, December 31, 2021

Certificate of Analysis

FINAL

Project Information:

Report for Lab No: 60432.
Samples flushed by Martel on December 3, 2021, sampled by Martel on December 4, 2021.
Project Identification: MD HB 270
School: 33 John Hanson Middle School PSC #08.003

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. 60432 1 CLIENT SAMPLE IDENTIFICATION JHMS-1-FC [Sink - Left fixture - See map--Kitchen - Left F] Sample Date/Time 12/04/2021 08:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.59	ug/l	EPA .200.8	2	12/17/2021 19:28 CSG

MARTEL NO. 60432 2 CLIENT SAMPLE IDENTIFICATION JHMS-2-FC [Sink - Right fixture - See map--Kitchen - Right] Sample Date/Time 12/04/2021 08:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.54	ug/l	EPA .200.8	2	12/17/2021 19:41 CSG

MARTEL NO. 60432 3 CLIENT SAMPLE IDENTIFICATION JHMS-3-IM [Ice Machine --Kitchen] Sample Date/Time 12/04/2021 08:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/17/2021 19:43 CSG

MARTEL NO. 60432 4 CLIENT SAMPLE IDENTIFICATION JHMS-4-FC [sink/faucet--kitchen 2 comp] Sample Date/Time 12/04/2021 08:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.73	ug/l	EPA .200.8	2	12/17/2021 19:46 CSG

MARTEL NO. 60432 5 CLIENT SAMPLE IDENTIFICATION JHMS-5-FC [island sink next to kettle--kitchen] Sample Date/Time 12/04/2021 08:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.59	ug/l	EPA .200.8	2	12/17/2021 19:48 CSG

MARTEL NO. 60432 7 CLIENT SAMPLE IDENTIFICATION JHMS-7-FC [island sink--kitchen] Sample Date/Time 12/04/2021 08:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.59	ug/l	EPA .200.8	2	12/17/2021 19:51 CSG

MARTEL NO. 60432 8 CLIENT SAMPLE IDENTIFICATION JHMS-8-FC [Sink - Left fixture - See map--Kitchen - Left F] Sample Date/Time 12/04/2021 08:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.86	ug/l	EPA .200.8	2	12/17/2021 19:53 CSG

MARTEL NO. 60432 9 CLIENT SAMPLE IDENTIFICATION JHMS-9-FC [Sink - Right fixture - See map--Kitchen - Right] Sample Date/Time 12/04/2021 08:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.17	ug/l	EPA .200.8	2	12/17/2021 19:56 CSG



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MARTEL NO. 60432 10 CLIENT SAMPLE IDENTIFICATION JHMS-10-DC [water fountain on left--corridor] Sample Date/Time 12/04/2021 08:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.01	ug/l	EPA .200.8	2	12/17/2021 19:58 CSG

MARTEL NO. 60432 11 CLIENT SAMPLE IDENTIFICATION JHMS-11-DC [water fountain on right--corridor] Sample Date/Time 12/04/2021 08:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.33	ug/l	EPA .200.8	2	12/17/2021 20:01 CSG

MARTEL NO. 60432 12 CLIENT SAMPLE IDENTIFICATION JHMS-12-DC [water fountain on left--corridor] Sample Date/Time 12/04/2021 08:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.52	ug/l*	EPA .200.8	2	12/17/2021 20:13 CSG

MARTEL NO. 60432 13 CLIENT SAMPLE IDENTIFICATION JHMS-13-DC [water fountain on right--corridor] Sample Date/Time 12/04/2021 08:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.71	ug/l	EPA .200.8	2	12/17/2021 20:18 CSG

MARTEL NO. 60432 14 CLIENT SAMPLE IDENTIFICATION JHMS-14-FC [sink--Nurse Office] Sample Date/Time 12/04/2021 08:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/17/2021 20:21 CSG

MARTEL NO. 60432 15 CLIENT SAMPLE IDENTIFICATION JHMS-15-FC [sink--Office work room] Sample Date/Time 12/04/2021 08:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/17/2021 20:23 CSG

MARTEL NO. 60432 17 CLIENT SAMPLE IDENTIFICATION JHMS-17-FC [sink - See map--Home economics (Sp-Ed)] Sample Date/Time 12/04/2021 08:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.01	ug/l	EPA .200.8	2	12/17/2021 20:26 CSG

MARTEL NO. 60432 18 CLIENT SAMPLE IDENTIFICATION JHMS-18-FC [sink - See map--Home economics (Sp-Ed)] Sample Date/Time 12/04/2021 08:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/17/2021 20:28 CSG



Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
60432 19	JHMS-19-FC [sink - See map--Home economics (Sp-Ed)]	12/04/2021 08:41
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	5.22 ug/l EPA .200.8 2	12/17/2021 20:31 CSG
60432 20	JHMS-20-FC [sink - See map--Home economics (Sp-Ed)]	12/04/2021 08:41
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	7.06 ug/l* EPA .200.8 2	12/17/2021 20:33 CSG
60432 21	JHMS-21-FC [sink - See map--Home economics (Sp-Ed)]	12/04/2021 08:41
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	4.86 ug/l EPA .200.8 2	12/17/2021 20:36 CSG
60432 22	JHMS-22-FC [sink - See map--Home economics (Sp-Ed)]	12/04/2021 08:41
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	12.9 ug/l* EPA .200.8 2	12/17/2021 20:38 CSG
60432 23	JHMS-23-DC [water fountain--corridor]	12/04/2021 08:43
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	12/21/2021 10:15 CSG
60432 24	JHMS-24-DC [water fountain--corridor]	12/04/2021 08:43
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	12/21/2021 10:27 CSG
60432 25	JHMS-25-DC [water fountain--corridor]	12/04/2021 08:45
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	12/21/2021 10:30 CSG
60432 26	JHMS-26-DC [water fountain--corridor]	12/04/2021 08:46
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	12/21/2021 10:32 CSG



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MARTEL NO. 60432 27 CLIENT SAMPLE IDENTIFICATION JHMS-27-DC [water fountain --gym lower level] Sample Date/Time 12/04/2021 08:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/21/2021 10:35 CSG

MARTEL NO. 60432 28 CLIENT SAMPLE IDENTIFICATION JHMS-28-DC [water fountain--gym lower level] Sample Date/Time 12/04/2021 08:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/21/2021 10:37 CSG

MARTEL NO. 60432 29 CLIENT SAMPLE IDENTIFICATION JHMS-29-DB [water fountain on left--gym upper level] Sample Date/Time 12/04/2021 08:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/21/2021 10:40 CSG

MARTEL NO. 60432 30 CLIENT SAMPLE IDENTIFICATION JHMS-30-DB [water fountain on right--gym upper level] Sample Date/Time 12/04/2021 08:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/21/2021 10:42 CSG

MARTEL NO. 60432 31 CLIENT SAMPLE IDENTIFICATION JHMS-31-DB [water fountain--gym upper level] Sample Date/Time 12/04/2021 08:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.58	ug/l*	EPA .200.8	2	12/21/2021 10:45 CSG

MARTEL NO. 60432 33 CLIENT SAMPLE IDENTIFICATION JHMS-33-DC [water fountain--water fountain lower level/ram] Sample Date/Time 12/04/2021 08:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/21/2021 10:47 CSG

MARTEL NO. 60432 34 CLIENT SAMPLE IDENTIFICATION JHMS-34-BU [Bottle Filler--corridor] Sample Date/Time 12/04/2021 08:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	not	working	EPA .200.8	2	11

MARTEL NO. 60432 35 CLIENT SAMPLE IDENTIFICATION JHMS-35-BU [Bottle Filler--corridor] Sample Date/Time 12/04/2021 08:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/17/2021 19:16 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

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: 12/4/21 820 End Date/Time: 12/4/21 0900

Sampler/Relinquished By: [Signature] Received at Martel by: [Signature] Date/Time: 12/4/22 1030

33 John Hanson Middle School PSC #08.003
3165 John Hanson 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:

60432

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)</small>	Outlet Key Codes	Room/Location	Consumption C or NCT	Flush	Sample Time
							Flush Date	
1	1	JHMS-1-FC	Sink - Left fixture - See map	FC	Kitchen - Left Fixture on 3 Comp Sink	C		826
2	2	JHMS-2-FC	Sink - Right fixture - See map	FC	Kitchen - Right Fixture on 3 Comp Sink	C		826
3	3	JHMS-3-IM	Ice Machine	IM	Kitchen	C		826
4	4	JHMS-4-FC	sink/faucet	FC	kitchen 2 comp	C		827
5	5	JHMS-5-FC	island sink next to kettle	FC	kitchen	C		827
6	7	JHMS-7-FC	island sink	FC	kitchen	C		827
7	8	JHMS-8-FC	Sink - Left fixture - See map	FC	Kitchen - Left Fixture on 3 Comp Sink	C		828
8	9	JHMS-9-FC	Sink - Right fixture - See map	FC	Kitchen - Right Fixture on 3 Comp Sink	C		828
9	10	JHMS-10-DC	water fountain on left	DC	corridor	C		829
10	11	JHMS-11-DC	water fountain on right	DC	corridor	C		829
11	12	JHMS-12-DC	water fountain on left	DC	corridor	C		829
12	13	JHMS-13-DC	water fountain on right	DC	corridor	C		829
13	14	JHMS-14-FC	sink	FC	Nurse Office	C		825
14	15	JHMS-15-FC	sink	FC	Office work room	C		825
15	17	JHMS-17-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C		841
16	18	JHMS-18-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C		841
17	19	JHMS-19-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C		841
18	20	JHMS-20-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C		841
19	21	JHMS-21-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C		841
20	22	JHMS-22-FC	sink - See map	FC	Home economics (Sp-Ed) SOAR	C		841
21	23	JHMS-23-DC	water fountain	DC	corridor	C		843
22	24	JHMS-24-DC	water fountain	DC	corridor	C		843
23	25	JHMS-25-DC	water fountain	DC	corridor	C		845
24	26	JHMS-26-DC	water fountain	DC	corridor	C		846
25	27	JHMS-27-DC	water fountain	DC	gym lower level	C		849

33 John Hanson Middle School PSC #08.003

3165 John Hanson 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 60432

26	28	JHMS-28-DC	water fountain	DC	gym lower level	C		849
27	29	JHMS-29-DB	water fountain on left	DB	gym upper level	C		850
28	30	JHMS-30-DB	water fountain on right	DB	gym upper level	C		850
29	31	JHMS-31-DB	water fountain	DB	gym upper level	C		850
30	33	JHMS-33-DC	water fountain	DC	water fountain lower level/ramp	C		847
31	34	JHMS-34-BU	Bottle Filler	BU	corridor	C		NOT WORK
32	35	JHMS-35-BU	Bottle Filler	BU	corridor	C		838