



Charles County Public Schools

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

Monday, October 7, 2019

Certificate of Analysis

FINAL

Attention:

Report for Lab No: 40838.
Samples picked up by Martel on May 22, 2019.
Project Identification: MD HB 270
School: 81- Mt. Hope ES.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time				
40838	000001	cr 57: sink-CF	05/17/2019 05:00				
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 13:04 CSG		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time				
40838	000002	cr 57: bubbler-DF	05/17/2019 05:01				
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 13:17 CSG		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time				
40838	000003	cr 56: sink-CF	05/17/2019 05:02				
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 13:19 CSG		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time				
40838	000004	cr 56: bubbler-DF	05/17/2019 05:03				
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 13:22 CSG		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time				
40838	000005	cr 55: sink-CF	05/17/2019 05:04				
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 13:24 CSG		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time				
40838	000006	cr 55: bubbler-DF	05/17/2019 05:05				
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 13:27 CSG		



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40838 000007	speech 54: sink-CF	05/17/2019 05:06
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:29 CSG
40838 000008	speech 54: bubbler-DF	05/17/2019 05:07
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:32 CSG
40838 000009	cr 53: sink-CF	05/17/2019 05:08
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:34 CSG
40838 000010	cr 53: bubbler-DF	05/17/2019 05:09
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:37 CSG
40838 000011	activity room 52: sink on left-CR	05/17/2019 05:10
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:47 CSG
40838 000012	activity room 52: sink on right-CR	05/17/2019 05:11
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:52 CSG
40838 000013	cr 51: sink-CF	05/17/2019 05:12
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:55 CSG
40838 000014	cr 51: bubbler-DF	05/17/2019 05:13
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 09/30/2019 13:57 CSG



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MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000015 cr 50: sink-CF 05/17/2019 05:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 13:59 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000016 cr 50: bubbler-DF 05/17/2019 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:02 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000017 cr 49: sink-CF 05/17/2019 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:04 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000018 cr 49: bubbler-DF 05/17/2019 05:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:07 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000019 cr 49: sink-CR 05/17/2019 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:09 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000020 cr 48: sink-CF 05/17/2019 05:19

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:12 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000021 cr 48: bubbler-DF 05/17/2019 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:25 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000022 cr 47: sink-CF 05/17/2019 05:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:37 CSG



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MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000023 cr 47: bubbler-DF 05/17/2019 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:39 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000024 cr 69: sink-CF 05/17/2019 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:42 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000025 cr 69: bubbler-DF 05/17/2019 05:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.29	ug/l	EPA .200.8	2	09/30/2019 14:44 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000026 cr 70: sink-CF 05/17/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:47 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000027 cr 70: bubbler-DF 05/17/2019 05:01

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:49 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000028 cr 59: sink-CF 05/17/2019 05:02

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:52 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000029 cr 59: bubbler-DF 05/17/2019 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:54 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000030 cr 58: sink-CF 05/17/2019 05:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 14:57 CSG



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000031	cr 58: bubbler-DF	05/17/2019 05:05			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 15:07 CSG	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000032	1st grade hallway: water fountain -DF	05/17/2019 05:06			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 15:12 CSG	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000033	cr 67: sink-CF	05/17/2019 05:07			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.42	ug/l	EPA .200.8	2	09/30/2019 15:14 CSG	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000034	cr 67: bubbler-DF	05/17/2019 05:08			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	23.0	ug/l*	EPA .200.8	2	09/30/2019 15:17 CSG	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000035	cr 68: sink-CF	05/17/2019 05:09			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.92	ug/l	EPA .200.8	2	09/30/2019 15:19 CSG	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000036	cr 68: bubbler-DF	05/17/2019 05:10			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	4.38	ug/l	EPA .200.8	2	09/30/2019 15:22 CSG	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000037	4th grade hallway : water fountain -DF	05/17/2019 05:11			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 15:24 CSG	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40838	000038	cr 62: sink-CF	05/17/2019 05:12			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.05	ug/l	EPA .200.8	2	09/30/2019 15:26 CSG	



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MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000039 cr 62: bubbler-DF 05/17/2019 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	12.6	ug/l	EPA .200.8	2	09/30/2019 15:29 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000040 cr 44: sink-CF 05/17/2019 05:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 15:32 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000041 cr 44: bubbler-DF 05/17/2019 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 15:44 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000042 media center: sink-CF 05/17/2019 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 15:57 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000043 media center: bubbler-DF 05/17/2019 05:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.96	ug/l	EPA .200.8	2	09/30/2019 15:59 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000044 main corridor: water fountain -DF 05/17/2019 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 16:02 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000045 rt room : sink-CF 05/17/2019 05:19

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 16:04 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000046 rt room : bubbler-DF 05/17/2019 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.32	ug/l	EPA .200.8	2	09/30/2019 16:07 CSG



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MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000047 teacher lounge: sink-TL 05/17/2019 05:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 16:09 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000048 teacher lounge: sink -TL 05/17/2019 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	14.0	ug/l	EPA .200.8	2	09/30/2019 16:12 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000049 main office: sink-CR 05/17/2019 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.59	ug/l	EPA .200.8	2	09/30/2019 16:14 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000050 kitchen: island sink-KS 05/17/2019 05:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.05	ug/l	EPA .200.8	2	09/30/2019 16:17 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000051 kitchen: 3 comp sink on left-KS 05/17/2019 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 16:27 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000052 kitchen: 3 comp sink on right-KS 05/17/2019 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.50	ug/l	EPA .200.8	2	09/30/2019 16:32 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000053 kitchen: island sink-KS 05/17/2019 05:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.19	ug/l	EPA .200.8	2	09/30/2019 16:35 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000054 kitchen: 2 comp sink-KS 05/17/2019 05:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.88	ug/l	EPA .200.8	2	09/30/2019 16:37 CSG



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MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000055 cr 63: sink -CF 05/17/2019 05:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 16:40 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000056 cr 63: bubbler-DF 05/17/2019 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.74	ug/l	EPA .200.8	2	09/30/2019 16:42 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000058 reading room: sink-CR 05/17/2019 05:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.37	ug/l	EPA .200.8	2	09/30/2019 16:47 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000059 reading room: bubbler-DF 05/17/2019 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/30/2019 16:50 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000060 activity room : ice maker-IM 05/17/2019 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.90	ug/l	EPA .200.8	2	09/30/2019 16:52 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000061 teacher lounge: ice maker-IM 05/17/2019 05:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.59	ug/l	EPA .200.8	2	09/27/2019 15:32 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000062 Nurse office: ice maker-IM 05/17/2019 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/27/2019 15:35 CSG

MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000063 kitchen: ice maker-IM 05/17/2019 05:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/27/2019 15:37 CSG



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MARTEL NO. 40838 CLIENT SAMPLE IDENTIFICATION 000064 gym: water fountain -DF Sample Date/Time 05/17/2019 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	09/27/2019 15:40 CSG

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stddl.frx

Notes and references:

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 20.5 ug/l - regulatory limit for these samples.

All samples tested were in acceptable condition, unless otherwise noted.
The results presented herein relate only to the samples or items tested.


Project Manager