

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Crofton Middle School**

ELEVATED LEAD WATER SAMPLE RESULT(S)

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations. On December 4, 2018, **ninety-three (93)** lead water samples were collected from **Crofton Middle School**. Of these lead water samples, five (5) had levels of lead exceeding the action level of 20 parts per billion (ppb) for lead in drinking water in school buildings. The elevated lead result from the sample(s) collected at Crofton Middle School were as follows:

Sample Number 000011-Room 201 Hand Sink: 28.7 ppb (non-consumable).

Sample Number 000054-Room 305 CPU Lab Hand Sink: 152 ppb (non-consumable).

Sample Number 000073-Room 406 FAC's Home ECC (going clockwise) Sink-2: 20.1 ppb (consumable).

Sample Number 000082-Room 401 Hand Sink: 20.9 ppb (non-consumable).

Sample Number 000094- Custodial Locker Room Bathroom Hand Sink: 66.7 ppb (non-consumable).

ACTION LEVEL (AL)

The AL is 20 ppb for lead in drinking water in school buildings. The AL is the concentration of lead which, if exceeded, triggers required remediation.

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

SOURCES OF HUMAN EXPOSURE TO LEAD

There are many different sources of human exposure to lead. These include: lead-based paint, lead-contaminated dust or soil, some plumbing materials, certain types of pottery, pewter, brass fixtures, food, and cosmetics, exposure in the work place and exposure from certain hobbies, brass faucets, fittings, and valves. According to the Environmental Protection Agency (EPA), 10 to 20 percent of a person's potential exposure to lead may come from drinking water, while for an infant consuming formula mixed with lead-containing water this may increase to 40 to 60 percent.

IMMEDIATE ACTIONS TAKEN

1. One (1) consumable water source consisting of a sink will be shut off immediately and retested.
2. Four (4) non-consumable water sources consisting of hand sinks will be posted with signage indicating “Hand Washing Only” and retested.

NEXT STEPS

1. One (1) consumable and four (4) non-consumable water sources will be replaced and retested in accordance with the regulations.

TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

1. Run your water to flush out lead: If water hasn’t been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

Please note that boiling the water will not reduce lead levels.

ADDITIONAL INFORMATION

1. For additional information, please contact Chris Williams, Environmental Issues Program Manager, at 410-360-0138. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA’s website at www.epa.gov/lead. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.



AACPS - Operations Division
9034 Ft. Smallwood Road

Monday, February 4, 2019

Pasadena, MD 21122

Attention: Chris Williams; Brian Wells

Certificate of Analysis
FINAL

Report for Lab No: 40085.

Crofton MS (40085)

Sampling by regulation to Maryland House Bill 270 - Lead in Drinking Water

P.O. Number: PO 9212

Sampling by Martel personnel on December 4, 2018.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40085	000001	Health Room Hand Sink (HS) [NO--C]	12/04/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.21	ug/l	EPA .200.8	2	01/25/2019 16:18 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40085	000002	Health Room Bathroom (BR) HS [BS--NC]	12/04/2018 05:02			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 16:30 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40085	000003	Main Office BR HS [BS--NC]	12/04/2018 05:03			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 16:32 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40085	000004	Office Work Room HS [OT--NC]	12/04/2018 05:04			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 16:35 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40085	000005	A Hall-Staff Women's BR HS-Left (L) [BS--NC]	12/04/2018 05:05			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	11.1	ug/l	EPA .200.8	2	01/25/2019 16:37 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40085	000006	A Hall-Staff Women's BR HS-Right (R.) [BS--NC]	12/04/2018 05:07			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	



MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000006 A Hall-Staff Women's BR HS-Right (R.) [BS--NC] 12/04/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.62	ug/l	EPA .200.8	2	01/25/2019 16:40 BJ

MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000007 A Hall-Staff Men's BR HS-L [BS--NC] 12/04/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.53	ug/l	EPA .200.8	2	01/25/2019 16:42 BJ

MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000008 A Hall-Staff Men's BR HS-R [BS--NC] 12/04/2018 05:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.39	ug/l	EPA .200.8	2	01/25/2019 16:45 BJ

MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000009 A Hall-Fountain Drinking Fountain (DF) [DF--C] 12/04/2018 05:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	16.1	ug/l	EPA .200.8	2	01/25/2019 16:47 BJ

MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000010 Media Production Room HS [OT--NC] 12/04/2018 05:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.75	ug/l	EPA .200.8	2	01/25/2019 16:50 BJ

MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000011 201 HS [CR--NC] 12/04/2018 05:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	28.7	ug/l*	EPA .200.8	2	01/25/2019 17:00 BJ

MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000012 202 HS [CR--NC] 12/04/2018 05:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.81	ug/l	EPA .200.8	2	01/25/2019 17:05 BJ

MARTEL NO. 40085 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000013 Girls BR (next to 106) HS-L [BS--NC] 12/04/2018 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:08 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40085	000014	Girls BR (next to 106) HS-R [BS--NC]	12/04/2018 05:14			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:10 BJ	
40085	000015	Boys BR (next to 106) HS-L [BS--NC]	12/04/2018 05:15			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:13 BJ	
40085	000016	Boys BR (next to 106) HS-R [BS--NC]	12/04/2018 05:16			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:15 BJ	
40085	000017	Hall Fountain (next to 106) DF [DF--C]	12/04/2018 05:17			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:18 BJ	
40085	000018	Girls BR (next to 111) HS-L [BS--NC]	12/04/2018 05:18			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.03	ug/l	EPA .200.8	2	01/25/2019 17:20 BJ	
40085	000019	Girls BR (next to 111) HS-R [BS--NC]	12/04/2018 05:19			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:22 BJ	
40085	000020	Boys BR (next to 111) HS-L [BS--NC]	12/04/2018 05:20			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:25 BJ	
40085	000021	Boys BR (next to 111) HS-R [BS--NC]	12/04/2018 05:22			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:33 BJ	



MARTEL NO. 40085 000022 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to 111) DF [DF--C] Sample Date/Time 12/04/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:40 BJ

MARTEL NO. 40085 000023 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B011) DF-L [DF--C] Sample Date/Time 12/04/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	/ /

MARTEL NO. 40085 000024 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B011) DF-R [DF--C] Sample Date/Time 12/04/2018 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:43 BJ

MARTEL NO. 40085 000025 CLIENT SAMPLE IDENTIFICATION Boys BR (next to B010 Telecom) HS-L [BS--NC] Sample Date/Time 12/04/2018 05:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:45 BJ

MARTEL NO. 40085 000026 CLIENT SAMPLE IDENTIFICATION Boys BR (next to B010 Telecom) HS-Center (C.) [BS--NC] Sample Date/Time 12/04/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:48 BJ

MARTEL NO. 40085 000027 CLIENT SAMPLE IDENTIFICATION Boys BR (next to B010 Telecom) HS-R [BS--NC] Sample Date/Time 12/04/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:50 BJ

MARTEL NO. 40085 000028 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B007 custodian) DF-L [DF--C] Sample Date/Time 12/04/2018 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:52 BJ

MARTEL NO. 40085 000029 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B007 custodian) DF-C [DF--C] Sample Date/Time 12/04/2018 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:55 BJ



MARTEL NO. 40085 000030 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B007 custodian) DF-R [DF--C] Sample Date/Time 12/04/2018 05:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 17:57 BJ

MARTEL NO. 40085 000031 CLIENT SAMPLE IDENTIFICATION Girls BR (next to B007 custodian) HS-L [BS--NC] Sample Date/Time 12/04/2018 05:28

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:07 BJ

MARTEL NO. 40085 000032 CLIENT SAMPLE IDENTIFICATION Girls BR (next to B007 custodian) HS-C [BS--NC] Sample Date/Time 12/04/2018 05:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:12 BJ

MARTEL NO. 40085 000033 CLIENT SAMPLE IDENTIFICATION Girls BR (next to B007 custodian) HS-R [BS--NC] Sample Date/Time 12/04/2018 05:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:15 BJ

MARTEL NO. 40085 000034 CLIENT SAMPLE IDENTIFICATION Faculty BR (next to B123) HS [BS--NC] Sample Date/Time 12/04/2018 05:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:17 BJ

MARTEL NO. 40085 000035 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B123) DF-L [DF--C] Sample Date/Time 12/04/2018 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:20 BJ

MARTEL NO. 40085 000036 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B123) DF-R [DF--C] Sample Date/Time 12/04/2018 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:22 BJ

MARTEL NO. 40085 000037 CLIENT SAMPLE IDENTIFICATION B123 ESOL Room HS [CR--NC] Sample Date/Time 12/04/2018 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:25 BJ



MARTEL NO. 40085 000038 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B126) DF [DF--C] Sample Date/Time 12/04/2018 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:27 BJ

MARTEL NO. 40085 000039 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to B132) DF [DF--C] Sample Date/Time 12/04/2018 05:34

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:30 BJ

MARTEL NO. 40085 000040 CLIENT SAMPLE IDENTIFICATION Boys BR (next to B120) HS-L [BS--NC] Sample Date/Time 12/04/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:32 BJ

MARTEL NO. 40085 000041 CLIENT SAMPLE IDENTIFICATION Boys BR (next to B120) HS-Left Center (LC) [BS--NC] Sample Date/Time 12/04/2018 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:39 BJ

MARTEL NO. 40085 000042 CLIENT SAMPLE IDENTIFICATION Boys BR (next to B120) HS-Right Center (RC) [BS--NC] Sample Date/Time 12/04/2018 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:47 BJ

MARTEL NO. 40085 000043 CLIENT SAMPLE IDENTIFICATION Boys BR (next to B120) HS-R [BS--NC] Sample Date/Time 12/04/2018 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:49 BJ

MARTEL NO. 40085 000044 CLIENT SAMPLE IDENTIFICATION Girls BR (next to B121) HS-L [BS--NC] Sample Date/Time 12/04/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:52 BJ

MARTEL NO. 40085 000045 CLIENT SAMPLE IDENTIFICATION Girls BR (next to B121) HS-LC [BS--NC] Sample Date/Time 12/04/2018 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:54 BJ



MARTEL NO. 40085 000046 CLIENT SAMPLE IDENTIFICATION: Girls BR (next to B121) HS-RC [BS--NC] Sample Date/Time: 12/04/2018 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:57 BJ

MARTEL NO. 40085 000047 CLIENT SAMPLE IDENTIFICATION: Girls BR (next to B121) HS-R [BS--NC] Sample Date/Time: 12/04/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 18:59 BJ

MARTEL NO. 40085 000048 CLIENT SAMPLE IDENTIFICATION: Hall Fountain (next to 311) DF [DF--C] Sample Date/Time: 12/04/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:02 BJ

MARTEL NO. 40085 000049 CLIENT SAMPLE IDENTIFICATION: Boys BR (next to 311) HS-L [BS--NC] Sample Date/Time: 12/04/2018 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:04 BJ

MARTEL NO. 40085 000050 CLIENT SAMPLE IDENTIFICATION: Boys BR (next to 311) HS-R [BS--NC] Sample Date/Time: 12/04/2018 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:07 BJ

MARTEL NO. 40085 000051 CLIENT SAMPLE IDENTIFICATION: Girls BR (next to 311) HS-L [BS--NC] Sample Date/Time: 12/04/2018 05:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:17 BJ

MARTEL NO. 40085 000052 CLIENT SAMPLE IDENTIFICATION: Girls BR (next to 311) HS-R [BS--NC] Sample Date/Time: 12/04/2018 05:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:22 BJ

MARTEL NO. 40085 000053 CLIENT SAMPLE IDENTIFICATION: Hall Fountain (next to 304 Faculty Lounge) DF [DF--C] Sample Date/Time: 12/04/2018 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.84	ug/l	EPA .200.8	2	01/25/2019 19:24 BJ



MARTEL NO. 40085 000054 305 CPU Lab HS [OT--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	152	ug/l*	EPA .200.8	2	01/25/2019 19:27 BJ

MARTEL NO. 40085 000055 306 Office HS [OT--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.39	ug/l	EPA .200.8	2	01/25/2019 19:29 BJ

MARTEL NO. 40085 000056 Faculty Lounge HS [TL--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.61	ug/l	EPA .200.8	2	01/25/2019 19:32 BJ

MARTEL NO. 40085 000057 Faculty Lounge Men's BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:34 BJ

MARTEL NO. 40085 000058 Faculty Lounge Women's BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:37 BJ

MARTEL NO. 40085 000059 409 Band HS [OT--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.48	ug/l	EPA .200.8	2	01/25/2019 19:39 BJ

MARTEL NO. 40085 000060 Boys Locker Room Office BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:49

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.50	ug/l	EPA .200.8	2	01/25/2019 19:42 BJ

MARTEL NO. 40085 000061 Boys Locker Room BR HS-L [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:49 BJ



MARTEL NO. 40085 000062 CLIENT SAMPLE IDENTIFICATION Boys Locker Room BR HS-R [BS--NC] Sample Date/Time 12/04/2018 05:51

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:57 BJ

MARTEL NO. 40085 000063 CLIENT SAMPLE IDENTIFICATION Gym Fountain (outside Girls Locker Room) DF [DF--C] Sample Date/Time 12/04/2018 05:52

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 19:59 BJ

MARTEL NO. 40085 000064 CLIENT SAMPLE IDENTIFICATION Girls Locker Room Office BR HS [BS--NC] Sample Date/Time 12/04/2018 05:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.70	ug/l	EPA .200.8	2	01/25/2019 20:02 BJ

MARTEL NO. 40085 000065 CLIENT SAMPLE IDENTIFICATION Girls Locker Room BR HS-L [BS--NC] Sample Date/Time 12/04/2018 05:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 20:04 BJ

MARTEL NO. 40085 000066 CLIENT SAMPLE IDENTIFICATION Girls Locker Room BR HS-R [BS--NC] Sample Date/Time 12/04/2018 05:53

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.22	ug/l	EPA .200.8	2	01/25/2019 20:07 BJ

MARTEL NO. 40085 000067 CLIENT SAMPLE IDENTIFICATION Girls BR (next to custodial closet 4) HS-L [BS--NC] Sample Date/Time 12/04/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 20:09 BJ

MARTEL NO. 40085 000068 CLIENT SAMPLE IDENTIFICATION Girls BR (next to custodial closet 4) HS-R [BS--NC] Sample Date/Time 12/04/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 20:12 BJ

MARTEL NO. 40085 000069 CLIENT SAMPLE IDENTIFICATION Boys BR (next to custodial closet 4) HS-L [BS--NC] Sample Date/Time 12/04/2018 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.18	ug/l	EPA .200.8	2	01/25/2019 20:14 BJ



MARTEL NO. 40085 000070 CLIENT SAMPLE IDENTIFICATION Boys BR (next to custodial closet 4) HS-R [BS--NC] Sample Date/Time 12/04/2018 05:57

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.79	ug/l	EPA .200.8	2	01/25/2019 20:17 BJ

MARTEL NO. 40085 000071 CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to custodial closet 4) DF [DF--C] Sample Date/Time 12/04/2018 05:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 20:27 BJ

MARTEL NO. 40085 000072 CLIENT SAMPLE IDENTIFICATION 406 FAC's Home ECC-clockwise Sink-1 [HE--C] Sample Date/Time 12/04/2018 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.23	ug/l	EPA .200.8	2	01/25/2019 20:32 BJ

MARTEL NO. 40085 000073 CLIENT SAMPLE IDENTIFICATION 406 FAC's Home ECC-clockwise Sink-2 [HE--C] Sample Date/Time 12/04/2018 06:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	20.1	ug/l	EPA .200.8	2	02/04/2019 10:31 BJ

MARTEL NO. 40085 000074 CLIENT SAMPLE IDENTIFICATION 406 FAC's Home ECC-clockwise Sink-3 [HE--C] Sample Date/Time 12/04/2018 06:01

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.96	ug/l	EPA .200.8	2	01/25/2019 20:34 BJ

MARTEL NO. 40085 000075 CLIENT SAMPLE IDENTIFICATION 406 FAC's Home ECC-clockwise Sink-4 [HE--C] Sample Date/Time 12/04/2018 06:02

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.38	ug/l	EPA .200.8	2	01/25/2019 20:37 BJ

MARTEL NO. 40085 000076 CLIENT SAMPLE IDENTIFICATION 406 FAC's Home ECC-clockwise Sink-5 [HE--C] Sample Date/Time 12/04/2018 06:02

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.65	ug/l	EPA .200.8	2	01/25/2019 20:39 BJ

MARTEL NO. 40085 000077 CLIENT SAMPLE IDENTIFICATION 406 FAC's Home ECC-clockwise Sink-6 [HE--C] Sample Date/Time 12/04/2018 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.26	ug/l	EPA .200.8	2	01/25/2019 20:42 BJ



MARTEL NO. 40085 000078 408 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.54	ug/l	EPA .200.8	2	01/25/2019 20:44 BJ

MARTEL NO. 40085 000079 404 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	19.0	ug/l	EPA .200.8	2	01/25/2019 20:47 BJ

MARTEL NO. 40085 000080 Overflow Café HS [OT--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.72	ug/l	EPA .200.8	2	01/25/2019 20:49 BJ

MARTEL NO. 40085 000081 402 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:08

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.1	ug/l	EPA .200.8	2	01/25/2019 20:57 BJ

MARTEL NO. 40085 000082 401 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	20.9	ug/l*	EPA .200.8	2	01/25/2019 21:04 BJ

MARTEL NO. 40085 000083 Café Fountain DF [DF--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 21:07 BJ

MARTEL NO. 40085 000084 Kitchen (next to door to tech hall) HS [KS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 21:09 BJ

MARTEL NO. 40085 000085 Kitchen BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/04/2018 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 21:12 BJ



MARTEL NO. 40085 000086 CLIENT SAMPLE IDENTIFICATION Kitchen (next to walk-in) HS-R [KS--NC] Sample Date/Time 12/04/2018 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.44	ug/l	EPA .200.8	2	01/25/2019 21:14 BJ

MARTEL NO. 40085 000087 CLIENT SAMPLE IDENTIFICATION Kitchen (next to walk-in) HS-L [KS--NC] Sample Date/Time 12/04/2018 06:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.64	ug/l	EPA .200.8	2	01/25/2019 21:17 BJ

MARTEL NO. 40085 000088 CLIENT SAMPLE IDENTIFICATION Kitchen Left Tri-Sink Sink-L [KS--C] Sample Date/Time 12/04/2018 06:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.50	ug/l	EPA .200.8	2	01/25/2019 21:19 BJ

MARTEL NO. 40085 000089 CLIENT SAMPLE IDENTIFICATION Kitchen Left Tri-Sink Sink-R [KS--C] Sample Date/Time 12/04/2018 06:11

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 21:22 BJ

MARTEL NO. 40085 000090 CLIENT SAMPLE IDENTIFICATION Kitchen Right Tri-Sink Sink-L [KS--C] Sample Date/Time 12/04/2018 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 21:24 BJ

MARTEL NO. 40085 000091 CLIENT SAMPLE IDENTIFICATION Kitchen Right Tri-Sink Sink-R [KS--C] Sample Date/Time 12/04/2018 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 21:34 BJ

MARTEL NO. 40085 000092 CLIENT SAMPLE IDENTIFICATION Kitchen Commodity Storage HS [KS--NC] Sample Date/Time 12/04/2018 06:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/25/2019 21:39 BJ

MARTEL NO. 40085 000093 CLIENT SAMPLE IDENTIFICATION Kitchen Sink (outside of commodity storage) HS [KS--NC] Sample Date/Time 12/04/2018 06:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.68	ug/l	EPA .200.8	2	01/25/2019 21:42 BJ



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40085	000094	Custodial Locker Room BR HS [BS--NC]				12/04/2018 06:15	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	66.7	ug/l*	EPA .200.8	2	01/25/2019 21:44 BJ		

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1025 Cromwell Bridge Road - Baltimore, Maryland 21286
PH 410-825-7790 FAX 410-821-1054 EMAIL: martel@martellabs.com

stddl.frx

Notes and references:

SM="Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American Water Works Association, and Water Environment Federation. Year in method code is approved date. 40CFR141=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 141, National Primary Drinking Water Regulations.

* results exceeded 20.5 ug/l.

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


Project Manager

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

Anne Arundel County Public Schools Drinking Water Lead Testing

Bottle Type: 250 ml plastic, preserved with HNO3 Analysis: Lead (EPA 200.8)

Start Date/Time: 12/4/18 5:00 am End Date/Time: 12/4/18 6:15 am

Sampler/Relinquished By: *Alexand Oganigore* Received at Martel by *JW* Date/Time: 12/4/18 8:07 am

Crofton MS (3263) Martel No. 40085

2301 Davidsonville Rd, Crofton, MD 21114

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE
SAMPLING BETWEEN THE HOURS OF 8PM AND 9PM**

Sample #	Room #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, etc.)</small>	Outlet Key Codes	Consumption Corr. NC?	Time/notes
1	Health Room	Hand Sink (HS)	NO	C	5:00am
2	Health Room Bathroom (BR)	HS	BS	NC	5:02am
3	Main Office BR	HS	BS	NC	5:03am
4	Office Work Room	HS	OT	NC	5:04am
5	A Hall-Staff Women's BR	HS-Left (L)	BS	NC	5:05am
6	A Hall-Staff Women's BR	HS-Right (R.)	BS	NC	5:07am
7	A Hall-Staff Men's BR	HS-L	BS	NC	5:07am
8	A Hall-Staff Men's BR	HS-R	BS	NC	5:08am
9	A Hall-Fountain	Drinking Fountain (DF)	DF	C	5:09am
10	Media Production Room	HS	OT	NC	5:10am
11	201	HS	CR	NC	5:11am
12	202	HS	CR	NC	5:12am
13	Girls BR (next to 106)	HS-L	BS	NC	5:13am
14	Girls BR (next to 106)	HS-R	BS	NC	5:14am
15	Boys BR (next to 106)	HS-L	BS	NC	5:15am
16	Boys BR (next to 106)	HS-R	BS	NC	5:16am
17	Hall Fountain (next to 106)	DF	DF	C	5:17am
18	Girls BR (next to 111)	HS-L	BS	NC	5:18am
19	Girls BR (next to 111)	HS-R	BS	NC	5:19am
20	Boys BR (next to 111)	HS-L	BS	NC	5:20am
21	Boys BR (next to 111)	HS-R	BS	NC	5:20am
22	Hall Fountain (next to 111)	DF	DF	C	5:22am
23	Hall Fountain (next to B011)	DF-L	DF	NC	dribbling
24	Hall Fountain (next to B011)	DF-R	DF	C	5:23am
25	Boys BR (next to B010 Telecom)	HS-L	BS	NC	5:24am

Crofton MS (3263) Martel No. 40085

2301 Davidsonville Rd, Crofton, MD 21114

26	Boys BR (next to B010 Telecom)	HS-Center (C.)	BS	NC	5:25am
27	Boys BR (next to B010 Telecom)	HS-R	BS	NC	5:25am
28	Hall Fountain (next to B007 custodian)	DF-L	DF	C	5:26am
29	Hall Fountain (next to B007 custodian)	DF-C	DF	C	5:26am
30	Hall Fountain (next to B007 custodian)	DF-R	DF	C	5:27am
31	Girls BR (next to B007 custodian)	HS-L	BS	NC	5:28am
32	Girls BR (next to B007 custodian)	HS-C	BS	NC	5:29am
33	Girls BR (next to B007 custodian)	HS-R	BS	NC	5:29am
34	Faculty BR (next to B123)	HS	BS	NC	5:31am
35	Hall Fountain (next to B123)	DF-L	DF	C	5:32am
36	Hall Fountain (next to B123)	DF-R	DF	C	5:32am
37	B123 ESOL Room	HS	CR	NC	5:33am
38	Hall Fountain (next to B126)	DF	DF	C	5:34am
39	Hall Fountain (next to B132)	DF	DF	C	5:34am
40	Boys BR (next to B120)	HS-L	BS	NC	5:35am
41	Boys BR (next to B120)	HS-Left Center (LC)	BS	NC	5:36am
42	Boys BR (next to B120)	HS-Right Center (RC)	BS	NC	5:36am
43	Boys BR (next to B120)	HS-R	BS	NC	5:37am
44	Girls BR (next to B121)	HS-L	BS	NC	5:38am
45	Girls BR (next to B121)	HS-LC	BS	NC	5:39am
46	Girls BR (next to B121)	HS-RC	BS	NC	5:39am
47	Girls BR (next to B121)	HS-R	BS	NC	5:40am
48	Hall Fountain (next to 311)	DF	DF	C	5:40am
49	Boys BR (next to 311)	HS-L	BS	NC	5:41am
50	Boys BR (next to 311)	HS-R	BS	NC	5:41am
51	Girls BR (next to 311)	HS-L	BS	NC	5:42am
52	Girls BR (next to 311)	HS-R	BS	NC	5:42am
53	Hall Fountain (next to 304 Faculty Lounge)	DF	DF	C	5:43am
54	305 CPU Lab	HS	OT	NC	5:45am
55	306 Office	HS	OT	NC	5:45am
56	Faculty Lounge	HS	TL	C	5:46am
57	Faculty Lounge Men's BR	HS	BS	NC	5:47am
58	Faculty Lounge Women's BR	HS	BS	NC	5:47am
59	409 Band	HS	OT	NC	5:48am
60	Boys Locker Room Office BR	HS	BS	NC	5:49am
61	Boys Locker Room BR	HS-L	BS	NC	5:50am

Crofton MS (3263) Martel No. 40085

2301 Davidsonville Rd, Crofton, MD 21114

62	Boys Locker Room BR	HS-R	BS	NC	5:51am
63	Gym Fountain (outside Girls Locker Room)	DF	DF	C	5:52am
64	Girls Locker Room Office BR	HS	BS	NC	5:53am
65	Girls Locker Room BR	HS-L	BS	NC	5:53am
66	Girls Locker Room BR	HS-R	BS	NC	5:53am
67	Girls BR (next to custodial closet 4)	HS-L	BS	NC	5:55am
68	Girls BR (next to custodial closet 4)	HS-R	BS	NC	5:55am
69	Boys BR (next to custodial closet 4)	HS-L	BS	NC	5:56am
70	Boys BR (next to custodial closet 4)	HS-R	BS	NC	5:57am
71	Hall Fountain (next to custodial closet 4)	DF	DF	C	5:58am
72	406 FAC's Home ECC-clockwise	Sink-1	HE	C	5:59am
73	406 FAC's Home ECC-clockwise	Sink-2	HE	C	6:00am
74	406 FAC's Home ECC-clockwise	Sink-3	HE	C	6:01am
75	406 FAC's Home ECC-clockwise	Sink-4	HE	C	6:02am
76	406 FAC's Home ECC-clockwise	Sink-5	HE	C	6:02am
77	406 FAC's Home ECC-clockwise	Sink-6	HE	C	6:05am
78	408	HS	CR	NC	6:05am
79	404	HS	CR	NC	6:07am
80	Overflow Café	HS	OT	NC	6:07am
81	402	HS	CR	NC	6:08am
82	401	HS	CR	NC	6:08am
83	Café Fountain	DF	DF	NC	6:09am
84	Kitchen (next to door to tech hall)	HS	KS	NC	6:10am
85	Kitchen BR	HS	BS	NC	6:11am
86	Kitchen (next to walk-in)	HS-R	KS	NC	6:11am
87	Kitchen (next to walk-in)	HS-L	KS	NC	6:12am
88	Kitchen Left Tri-Sink	Sink-L	KS	C	6:12am
89	Kitchen Left Tri-Sink	Sink-R	KS	C	6:13am
90	Kitchen Right Tri-Sink	Sink-L	KS	C	6:13am
91	Kitchen Right Tri-Sink	Sink-R	KS	C	6:13am
92	Kitchen Commodity Storage	HS	KS	NC	6:14am
93	Kitchen Sink (outside of commodity storage)	HS	KS	NC	6:14am
94	Custodial Locker Room BR	HS	BS	NC	6:15am