

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Edgewater Elementary 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 October 16, 2018, **sixty-one (61)** lead water samples were collected from **Edgewater Elementary School**. Of these lead water samples, twenty-five (25) 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 Edgewater Elementary School were as follows:

Sample Number 000003-Main Office Bathroom Hand Sink: 27.8 ppb (non-consumable).
Sample Number 000005-Room 22 Bubbler: 24.4 ppb (consumable).
Sample Number 000010-Room 20 Hand Sink: 125 ppb (non-consumable).
Sample Number 000013-Room 18 Bubbler: 790 ppb (consumable).
Sample Number 000018-Room 14 Bubbler: 28.6 ppb (consumable).
Sample Number 000019-Room 14 Bathroom Hand Sink: 77.2 ppb (non-consumable).
Sample Number 000022-Room 12 Bathroom Hand Sink: 35.8 ppb (non-consumable).
Sample Number 000023-Room 10 Hand Sink: 338 ppb (non-consumable).
Sample Number 000025-Room 10 Bathroom Hand Sink: 56.7 ppb (non-consumable).
Sample Number 000029-Room 6 Bubbler: 270 ppb (consumable).
Sample Number 000030-Room 4 Hand Sink: 51.8 ppb (non-consumable).
Sample Number 000034-Room 7 Hand Sink: 33.8 ppb (non-consumable).
Sample Number 000035-Room 7 Bubbler: 20.1 ppb (consumable).
Sample Number 000036-Room 9 Hand Sink: 121 ppb (non-consumable).
Sample Number 000048-Band Room 13 Hand Sink: 13.3 ppb (non-consumable).
Sample Number 000052-CPU Room 17 Hand Sink: 124 ppb (non-consumable).
Sample Number 000054-Media Office Workroom Hand Sink: 23.3 ppb (non-consumable).
Sample Number 000055-Room 21 Hand Sink: 37.0 ppb (non-consumable).
Sample Number 000056-Room 21 Bubbler: 109 ppb (consumable).
Sample Number 000057-Room 23 Hand Sink: 31.4 ppb (non-consumable).
Sample Number 000063-Room 25A Hand Sink: 48.0 ppb (non-consumable).
Sample Number 000064-Room 25B Hand Sink: 54.4 ppb (non-consumable).
Sample Number 000071-Room 28 Hand Sink: 66.2 ppb (non-consumable).
Sample Number 000072-Room 28 Bubbler: 55.9 ppb (consumable).
Sample Number 000074-Room 26 Bubbler: 24.3 ppb (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. Eight (8) consumable water sources consisting of bubblers will be shut off immediately and retested in accordance with the regulations.
2. Seventeen (17) non-consumable water sources consisting of hand sinks will be retested and posted with green signage indicating "Hand Washing Only".

NEXT STEPS

1. Eight (8) consumable water source plumbing fixtures will be replaced and retested in accordance with the regulations.
2. Seventeen (17) non-consumable water source plumbing fixtures 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, November 12, 2018

Pasadena, MD 21122

Certificate of Analysis
FINAL

Attention: Chris Williams; Brian Wells

Report for Lab No: 40055.

Edgewater ES (4152).

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

P.O. Number: PO 9212

Sampling by Martel personnel on October 16, 2018.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40055	000001	Main Office-Work Room Hand Sink (HS) [OT--NC]	10/16/2018 04:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	12.0	ug/l	EPA .200.8	2	11/09/2018 08:25 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40055	000002	Ap Office Bathroom (BR) HS [BS--NC]	10/16/2018 04:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	13.0	ug/l	EPA .200.8	2	11/09/2018 08:37 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40055	000003	Main Office BR HS [BS--NC]	10/16/2018 04:54			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	27.8	ug/l*	EPA .200.8	2	11/09/2018 08:40 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40055	000004	22 HS [CR--NC]	10/16/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	13.6	ug/l	EPA .200.8	2	11/09/2018 08:42 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40055	000005	22 Bubbler (B) [DF--C]	10/16/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	24.4	ug/l*	EPA .200.8	2	11/09/2018 08:45 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40055	000006	Boys BR (across Room 23) HS-Left (L.) [BS--NC]	10/16/2018 05:03			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	



MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Boys BR (across Room 23) HS-Left (L.) [BS--NC] Sample Date/Time 10/16/2018 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	14.0	ug/l	EPA .200.8	2	11/09/2018 08:47 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Boys BR (across Room 23) HS-Left Center (LC) [BS--NC] Sample Date/Time 10/16/2018 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.54	ug/l	EPA .200.8	2	11/09/2018 08:50 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Boys BR (across Room 23) HS-Right Center (RC) [BS--NC] Sample Date/Time 10/16/2018 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.96	ug/l	EPA .200.8	2	11/09/2018 08:52 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Boys BR (across Room 23) HS-Right (R.) [BS--NC] Sample Date/Time 10/16/2018 05:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.5	ug/l	EPA .200.8	2	11/09/2018 08:54 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION 20 HS [CR--NC] Sample Date/Time 10/16/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	125	ug/l*	EPA .200.8	2	11/09/2018 08:57 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION 20 B [DF--C] Sample Date/Time 10/16/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	11/09/2018 08:57 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION 18 HS [CR--NC] Sample Date/Time 10/16/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.19	ug/l	EPA .200.8	2	11/09/2018 09:07 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION 18 B [DF--C] Sample Date/Time 10/16/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	790	ug/l*	EPA .200.8	2	11/09/2018 09:12 BJ



MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000014 16 HS [CR--NC] 10/16/2018 05:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	17.0	ug/l	EPA .200.8	2	11/09/2018 09:15 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000015 16 B [DF--C] 10/16/2018 05:09

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000016 16-BR HS [BS--NC] 10/16/2018 05:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.18	ug/l	EPA .200.8	2	11/09/2018 09:17 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000017 14 HS [CR--NC] 10/16/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	11.4	ug/l	EPA .200.8	2	11/09/2018 09:20 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000018 14 B [DF--C] 10/16/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	28.6	ug/l*	EPA .200.8	2	11/09/2018 09:22 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000019 14-BR HS [BS--NC] 10/16/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	77.2	ug/l*	EPA .200.8	2	11/09/2018 09:25 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000020 12 HS [CR--NC] 10/16/2018 05:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	16.1	ug/l	EPA .200.8	2	11/09/2018 09:27 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000021 12 B [DF--C] 10/16/2018 05:14

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



MARTEL NO. 40055 000022 12-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	35.8	ug/l*	EPA .200.8	2	11/09/2018 09:35 BJ

MARTEL NO. 40055 000023 10 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	338	ug/l*	EPA .200.8	2	11/09/2018 09:42 BJ

MARTEL NO. 40055 000024 10 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	19.3	ug/l	EPA .200.8	2	11/09/2018 09:45 BJ

MARTEL NO. 40055 000025 10-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	56.7	ug/l*	EPA .200.8	2	11/09/2018 09:47 BJ

MARTEL NO. 40055 000026 8 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:19

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.48	ug/l	EPA .200.8	2	11/09/2018 09:50 BJ

MARTEL NO. 40055 000027 8 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:19

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	12.1	ug/l	EPA .200.8	2	11/09/2018 09:52 BJ

MARTEL NO. 40055 000028 6 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.93	ug/l	EPA .200.8	2	11/09/2018 09:54 BJ

MARTEL NO. 40055 000029 6 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/16/2018 05:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	270	ug/l*	EPA .200.8	2	11/09/2018 09:57 BJ



Certificate of Analysis

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000030 4 HS [CR--NC] 10/16/2018 05:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	51.8	ug/l*	EPA .200.8	2	11/09/2018 09:59 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000031 4 B [DF--C] 10/16/2018 05:23

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000032 5 HS [CR--NC] 10/16/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.1	ug/l	EPA .200.8	2	11/09/2018 10:09 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000033 5 B [DF--C] 10/16/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	17.2	ug/l	EPA .200.8	2	11/09/2018 10:14 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000034 7 HS [CR--NC] 10/16/2018 05:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	33.8	ug/l*	EPA .200.8	2	11/09/2018 10:17 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000035 7 B [DF--C] 10/16/2018 05:27

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	20.1	ug/l	EPA .200.8	2	11/09/2018 10:19 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000036 9 HS [CR--NC] 10/16/2018 05:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	121	ug/l*	EPA .200.8	2	11/09/2018 10:22 BJ

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000037 9 B [DF--C] 10/16/2018 05:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.4	ug/l	EPA .200.8	2	11/09/2018 10:24 BJ



MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000038 Girls BR (across room 8) HS-L [BS--NC] 10/16/2018 05:00

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000039 Girls BR (across room 8) HS-Center (C.) [BS--NC] 10/16/2018 05:00

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000040 Girls BR (across room 8) HS-R [BS--NC] 10/16/2018 05:00

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000041 Boys BR (outside Music) HS-L [BS--NC] 10/16/2018 05:00

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000042 Boys BR (outside Music) HS-Center (C.) [BS--NC] 10/16/2018 05:00

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000043 Boys BR (outside Music) HS-R [BS--NC] 10/16/2018 05:00

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000044 Gym Office BR HS [BS--NC] 10/16/2018 05:00

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

MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000045 Gym BR Women's HS [BS--NC] 10/16/2018 05:00

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



MARTEL NO. 40055 000046 CLIENT SAMPLE IDENTIFICATION Gym BR Men's HS [BS--NC] Sample Date/Time 10/16/2018 05:00

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

MARTEL NO. 40055 000047 CLIENT SAMPLE IDENTIFICATION Music 11 HS [OT--NC] Sample Date/Time 10/16/2018 05:00

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

MARTEL NO. 40055 000048 CLIENT SAMPLE IDENTIFICATION Band 13 HS [OT--NC] Sample Date/Time 10/16/2018 05:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	22.3	ug/l*	EPA .200.8	2	11/09/2018 10:31 BJ

MARTEL NO. 40055 000049 CLIENT SAMPLE IDENTIFICATION Faculty BR HS [BS--NC] Sample Date/Time 10/16/2018 05:33

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.87	ug/l	EPA .200.8	2	11/09/2018 10:39 BJ

MARTEL NO. 40055 000050 CLIENT SAMPLE IDENTIFICATION Art 15 HS-L [CR--NC] Sample Date/Time 10/16/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.90	ug/l	EPA .200.8	2	11/09/2018 10:41 BJ

MARTEL NO. 40055 000051 CLIENT SAMPLE IDENTIFICATION Art 15 HS-R [CR--NC] Sample Date/Time 10/16/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.92	ug/l	EPA .200.8	2	11/09/2018 10:51 BJ

MARTEL NO. 40055 000052 CLIENT SAMPLE IDENTIFICATION CPU 17 HS [OT--NC] Sample Date/Time 10/16/2018 05:36

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	124	ug/l*	EPA .200.8	2	11/09/2018 10:56 BJ

MARTEL NO. 40055 000053 CLIENT SAMPLE IDENTIFICATION Faculty Lounge HS [TL--C] Sample Date/Time 10/16/2018 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.4	ug/l	EPA .200.8	2	11/09/2018 10:59 BJ



MARTEL NO. 40055 000054 CLIENT SAMPLE IDENTIFICATION Media Office Workroom HS [OT--NC] Sample Date/Time 10/16/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	23.3	ug/l*	EPA .200.8	2	11/09/2018 11:01 BJ

MARTEL NO. 40055 000055 CLIENT SAMPLE IDENTIFICATION 21 HS [CR--NC] Sample Date/Time 10/16/2018 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	37.0	ug/l*	EPA .200.8	2	11/09/2018 11:04 BJ

MARTEL NO. 40055 000056 CLIENT SAMPLE IDENTIFICATION 21 B [DF--C] Sample Date/Time 10/16/2018 05:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	109	ug/l*	EPA .200.8	2	11/09/2018 11:06 BJ

MARTEL NO. 40055 000057 CLIENT SAMPLE IDENTIFICATION 23 HS [CR--NC] Sample Date/Time 10/16/2018 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	31.4	ug/l*	EPA .200.8	2	11/09/2018 11:09 BJ

MARTEL NO. 40055 000058 CLIENT SAMPLE IDENTIFICATION 23 B [DF--C] Sample Date/Time 10/16/2018 05:41

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.4	ug/l	EPA .200.8	2	11/09/2018 11:11 BJ

MARTEL NO. 40055 000059 CLIENT SAMPLE IDENTIFICATION Girls BR (across from 22) HS-L [BS--NC] Sample Date/Time 10/16/2018 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.38	ug/l	EPA .200.8	2	11/09/2018 11:14 BJ

MARTEL NO. 40055 000060 CLIENT SAMPLE IDENTIFICATION Girls BR (across from 22) HS-LC [BS--NC] Sample Date/Time 10/16/2018 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.67	ug/l	EPA .200.8	2	11/09/2018 11:16 BJ

MARTEL NO. 40055 000061 CLIENT SAMPLE IDENTIFICATION Girls BR (across from 22) HS-RC [BS--NC] Sample Date/Time 10/16/2018 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.35	ug/l	EPA .200.8	2	11/09/2018 11:24 BJ



MARTEL NO. 40055 000062 CLIENT SAMPLE IDENTIFICATION: Girls BR (across from 22) HS-R [BS--NC] Sample Date/Time: 10/16/2018 05:43

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.50	ug/l	EPA .200.8	2	11/09/2018 11:31 BJ

MARTEL NO. 40055 000063 CLIENT SAMPLE IDENTIFICATION: 25A HS [CR--NC] Sample Date/Time: 10/16/2018 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	48.0	ug/l*	EPA .200.8	2	11/09/2018 11:34 BJ

MARTEL NO. 40055 000064 CLIENT SAMPLE IDENTIFICATION: 25B HS [CR--NC] Sample Date/Time: 10/16/2018 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	54.4	ug/l*	EPA .200.8	2	11/09/2018 11:36 BJ

MARTEL NO. 40055 000065 CLIENT SAMPLE IDENTIFICATION: Health Room HS [NO--C] Sample Date/Time: 10/16/2018 05:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.46	ug/l	EPA .200.8	2	11/09/2018 11:39 BJ

MARTEL NO. 40055 000066 CLIENT SAMPLE IDENTIFICATION: Health Room-BR HS [BS--NC] Sample Date/Time: 10/16/2018 05:46

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.65	ug/l	EPA .200.8	2	11/09/2018 11:41 BJ

MARTEL NO. 40055 000067 CLIENT SAMPLE IDENTIFICATION: Kitchen Tri-Sink Sink-L [KS--C] Sample Date/Time: 10/16/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.57	ug/l	EPA .200.8	2	11/09/2018 11:44 BJ

MARTEL NO. 40055 000068 CLIENT SAMPLE IDENTIFICATION: Kitchen Tri-Sink Sink-R [KS--C] Sample Date/Time: 10/16/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.92	ug/l	EPA .200.8	2	11/09/2018 11:46 BJ

MARTEL NO. 40055 000069 CLIENT SAMPLE IDENTIFICATION: Kitchen Sink HS [KS--NC] Sample Date/Time: 10/16/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.43	ug/l	EPA .200.8	2	11/09/2018 11:49 BJ



MARTEL NO. 40055 000070 CLIENT SAMPLE IDENTIFICATION Kitchen BR HS [BS--NC] Sample Date/Time 10/16/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.1	ug/l	EPA .200.8	2	11/09/2018 11:51 BJ

MARTEL NO. 40055 000071 CLIENT SAMPLE IDENTIFICATION 28 HS [CR--NC] Sample Date/Time 10/16/2018 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	66.2	ug/l*	EPA .200.8	2	11/09/2018 12:01 BJ

MARTEL NO. 40055 000072 CLIENT SAMPLE IDENTIFICATION 28 B [DF--C] Sample Date/Time 10/16/2018 05:54

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	55.9	ug/l*	EPA .200.8	2	11/09/2018 12:06 BJ

MARTEL NO. 40055 000073 CLIENT SAMPLE IDENTIFICATION 26 HS [CR--NC] Sample Date/Time 10/16/2018 05:56

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

MARTEL NO. 40055 000074 CLIENT SAMPLE IDENTIFICATION 26 B [DF--C] Sample Date/Time 10/16/2018 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	24.3	ug/l*	EPA .200.8	2	11/09/2018 12:08 BJ

MARTEL NO. 40055 000075 CLIENT SAMPLE IDENTIFICATION 24 HS [CR--NC] Sample Date/Time 10/16/2018 05:57

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

MARTEL NO. 40055 000076 CLIENT SAMPLE IDENTIFICATION 24 B [DF--C] Sample Date/Time 10/16/2018 05:57

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

MARTEL NO. 40055 000077 CLIENT SAMPLE IDENTIFICATION PTA-BR HS [BS--NC] Sample Date/Time 10/16/2018 05:58

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.19	ug/l	EPA .200.8	2	11/09/2018 12:11 BJ



MARTEL NO. 40055 CLIENT SAMPLE IDENTIFICATION 000078 Bilingual Faciliatory Office-BR HS [BS--NC] Sample Date/Time 10/16/2018 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.87	ug/l	EPA .200.8	2	11/09/2018 12:13 BJ

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

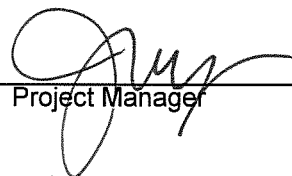
stdl.frx

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 Laboratories 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: 10-16 4:54A End Date/Time: 10-16 5:59A

Sampler/Relinquished By: [Signature] Received at Martel by: [Signature] Date/Time: 10-16 11:10

Edgewater ES (4152) Martel No. 40055

121 Washington Rd, Edgewater, MD 21037

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

Sample #	Room #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, etc.)	Outlet Key Codes	Consumption C or NC?	Time/notes
1	Main Office-Work Room	Hand Sink (HS)	OT	NC	4:54
2	Ap Office Bathroom (BR)	HS	BS	NC	↓
3	Main Office BR	HS	BS	NC	↓
4	22	HS	CR	NC	5:00
5	22	Bubbler (B)	DF	C	↓
6	Boys BR (across Room 23)	HS-Left (L.)	BS	NC	5:03
7	Boys BR (across Room 23)	HS-Left Center (LC)	BS	NC	↓
8	Boys BR (across Room 23)	HS-Right Center (RC)	BS	NC	↓
9	Boys BR (across Room 23)	HS-Right (R.)	BS	NC	↓
10	20	HS	CR	NC	5:09
11	20	B	DF	C	↓ NW
12	18	HS	CR	NC	5:07
13	18	B	DF	C	↓
14	16	HS	CR	NC	5:09
15	16	B	DF	C	↓ NW
16	16-BR	HS	BS	NC	↓
17	14	HS	CR	NC	5:10
18	14	B	DF	C	↓
19	14-BR	HS	BS	NC	↓
20	12	HS	CR	NC	5:14
21	12	B	DF	C	↓ NW
SAT 22	12-BR	HS	BS	NC	↓ NW OIC
23	10	HS	CR	NC	5:16
24	10	B	DF	C	↓
25	10-BR	HS	BS	NC	↓

Edgewater ES (4152) Martel No. 40055

121 Washington Rd, Edgewater, MD 21037

26	8	HS	CR	NC	5:19
27	8	B	DF	C	↓
28	6	HS	CR	NC	5:21
29	6	B	DF	C	↓
30	4	HS	CR	NC	5:23
31	4	B	DF	C	↓ NW
32	5	HS	CR	NC	5:25
33	5	B	DF	C	↓
34	7	HS	CR	NC	5:27
35	7	B	DF	C	↓
36	9	HS	CR	NC	5:29
37	9	B	DF	C	↓
38	Girls BR (across room 8)	HS-L	BS	NC	} NOT ACCESSIBLE
39	Girls BR (across room 8)	HS-Center (C.)	BS	NC	
40	Girls BR (across room 8)	HS-R	BS	NC	
41	Boys BR (outside Music)	HS-L	BS	NC	
42	Boys BR (outside Music)	HS-Center (C.)	BS	NC	
43	Boys BR (outside Music)	HS-R	BS	NC	
44	Gym Office BR	HS	BS	NC	
45	Gym BR Women's	HS	BS	NC	
46	Gym BR Men's	HS	BS	NC	
47	Music 11	HS	OT	NC	
48	Band 13	HS	OT	NC	5:32
49	Faculty BR	HS	BS	NC	5:33
50	Art 15	HS-L	CR	NC	5:35
51	Art 15	HS-R	CR	NC	↓
52	CPU 17	HS	OT	NC	5:36
53	Faculty Lounge	HS	TL	C	5:37
54	Media Office Workroom	HS	OT	NC	5:38
55	21	HS	CR	NC	5:39
56	21	B	DF	C	↓
57	23	HS	CR	NC	5:41
58	23	B	DF	C	↓
59	Girls BR (across from 22)	HS-L	BS	NC	5:43
60	Girls BR (across from 22)	HS-LC	BS	NC	↓
61	Girls BR (across from 22)	HS-RC	BS	NC	↓

Edgewater ES (4152) Martel No. 40055

121 Washington Rd, Edgewater, MD 21037

62	Girls BR (across from 22)	HS-R	BS	NC	↓
63	25A	HS	CR	NC	9:44
64	25B	HS	CR	NC	↓
65	Health Room	HS	NO	C	9:46
66	Health Room-BR	HS	BS	NC	↓
67	Kitchen Tri-Sink	Sink-L	KS	C	5:50
68	Kitchen Tri-Sink	Sink-R	KS	C	↓
69	Kitchen Sink	HS	KS	NC	↓
70	Kitchen BR	HS	BS	NC	↓
71	28	HS	CR	NC	5:54
72	28	B	DF	C	↓
73	26	HS	CR	NC	5:56 → NW
74	26	B	DF	C	↓
75	24	HS	CR	NC	5:57 → NW
76	24	B	DF	C	↓ → NW
77	PTA-BR	HS	BS	NC	9:58
78	Bilingual Faciliatory Office-BR	HS	BS	NC	5:59