

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Lake Shore 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 December 7, 2018, **one hundred and four (104)** lead water samples were collected from **Lake Shore Elementary 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 Lake Shore Elementary were as follows:

Sample Number 000026-128 Science Hand Sink-Left: 42.1 ppb (non-consumable).

Sample Number 000028-128 Science Hand Sink-Right: 29.4 ppb (non-consumable).

Sample Number 000044-138 Hand Sink: 23.7 ppb (non-consumable).

Sample Number 000077-115 B Health Hand Sink: 24.8 ppb (consumable).

Sample Number 000086-103 Hand Sink: 37 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 health hand 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.

MARTEL

AACPS - Operations Division
9034 Ft. Smallwood Road

Monday, February 25, 2019

Pasadena, MD 21122

Certificate of Analysis

Attention: Chris Williams; Brian Wells

FINAL

Report for Lab No: 40089.

Lake Shore ES (2162)

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

P.O. Number: PO 9212

Sampling by Martel personnel on December 7, 2018.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40089 000001	110 C Conference Room Hand Sink (HS) [OT--NC]	12/07/2018 04:50
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	8.51 ug/l EPA .200.8 2	02/18/2019 15:30 BJ
40089 000002	Main Office Work Room HS [OT--NC]	12/07/2018 04:50
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	2.63 ug/l EPA .200.8 2	02/18/2019 15:42 BJ
40089 000003	Main Office Bathroom (BR) HS [OT--NC]	12/07/2018 04:50
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/18/2019 15:45 BJ
40089 000004	Hall Fountain (across from 117) Drinking Fountain (DF) [DF	12/07/2018 04:50
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/18/2019 15:47 BJ
40089 000005	114 Bubbler (B) [DF--C]	12/07/2018 04:50
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	02/18/2019 15:50 BJ
40089 000006	114 HS [CR--NC]	12/07/2018 04:50
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial



MARTEL NO. 40089 000006 114 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.62	ug/l	EPA .200.8	2	02/18/2019 15:52 BJ

MARTEL NO. 40089 000007 116 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 15:55 BJ

MARTEL NO. 40089 000008 116 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.85	ug/l	EPA .200.8	2	02/18/2019 15:57 BJ

MARTEL NO. 40089 000009 116-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.35	ug/l	EPA .200.8	2	02/18/2019 16:00 BJ

MARTEL NO. 40089 000010 118 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:02 BJ

MARTEL NO. 40089 000011 118 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:12 BJ

MARTEL NO. 40089 000012 118-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:18 BJ

MARTEL NO. 40089 000013 120 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:20 BJ



MARTEL NO. 40089 000014 120 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.58	ug/l	EPA .200.8	2	02/18/2019 16:22 BJ

MARTEL NO. 40089 000015 120-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:25 BJ

MARTEL NO. 40089 000016 122 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:27 BJ

MARTEL NO. 40089 000017 122 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.11	ug/l	EPA .200.8	2	02/18/2019 16:30 BJ

MARTEL NO. 40089 000018 122-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:32 BJ

MARTEL NO. 40089 000019 124 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:35 BJ

MARTEL NO. 40089 000020 124 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.32	ug/l	EPA .200.8	2	02/18/2019 16:37 BJ

MARTEL NO. 40089 000021 124-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 04:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:45 BJ



MARTEL NO. 40089	000022	CLIENT SAMPLE IDENTIFICATION Hall Fountain (across from 125) DF [DF--C]	Sample Date/Time 12/07/2018 04:55
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 16:53 BJ

MARTEL NO. 40089	000023	CLIENT SAMPLE IDENTIFICATION 126 Art HS-Left (L) [OT--NC]	Sample Date/Time 12/07/2018 05:00
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.21	ug/l	EPA .200.8	2	02/18/2019 16:55 BJ

MARTEL NO. 40089	000024	CLIENT SAMPLE IDENTIFICATION 126 Art HS-Right (R.) [OT--NC]	Sample Date/Time 12/07/2018 05:00
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.36	ug/l	EPA .200.8	2	02/18/2019 16:58 BJ

MARTEL NO. 40089	000025	CLIENT SAMPLE IDENTIFICATION 126 Art-BR HS [BS--NC]	Sample Date/Time 12/07/2018 05:00
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:00 BJ

MARTEL NO. 40089	000026	CLIENT SAMPLE IDENTIFICATION 128 Science HS-L [OT--NC]	Sample Date/Time 12/07/2018 05:00
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	42.1	ug/l*	EPA .200.8	2	02/04/2019 11:49 BJ

MARTEL NO. 40089	000027	CLIENT SAMPLE IDENTIFICATION 128 Science HS-Center (C.) [OT--NC]	Sample Date/Time 12/07/2018 05:00
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.5	ug/l	EPA .200.8	2	02/04/2019 11:52 BJ

MARTEL NO. 40089	000028	CLIENT SAMPLE IDENTIFICATION 128 Science HS-R [OT--NC]	Sample Date/Time 12/07/2018 05:00
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	29.4	ug/l*	EPA .200.8	2	02/04/2019 11:54 BJ

MARTEL NO. 40089	000029	CLIENT SAMPLE IDENTIFICATION 128 Science HS-Island [OT--NC]	Sample Date/Time 12/07/2018 05:00
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	12.6	ug/l	EPA .200.8	2	02/18/2019 17:02 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000030	128 Science-BR HS [BS--NC]				12/07/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	/ /

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000031	130 B [DF--C]				12/07/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:12 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000032	130 HS [CR--NC]				12/07/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.50	ug/l	EPA .200.8	2	02/18/2019 17:17 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000033	130-BR HS [BS--NC]				12/07/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:20 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000034	132 B [DF--C]				12/07/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:22 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000035	132 HS [CR--NC]				12/07/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.65	ug/l	EPA .200.8	2	02/18/2019 17:25 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000036	132-BR HS [BS--NC]				12/07/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:27 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40089 000037	134 B [DF--C]				12/07/2018 05:05
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:30 BJ



MARTEL NO. 40089 000038 134 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.7	ug/l	EPA .200.8	2	02/04/2019 12:04 BJ

MARTEL NO. 40089 000039 134-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:32 BJ

MARTEL NO. 40089 000040 136 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:35 BJ

MARTEL NO. 40089 000041 136 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.25	ug/l	EPA .200.8	2	02/18/2019 17:42 BJ

MARTEL NO. 40089 000042 136-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:50 BJ

MARTEL NO. 40089 000043 138 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.44	ug/l	EPA .200.8	2	02/18/2019 17:52 BJ

MARTEL NO. 40089 000044 138 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	23.7	ug/l*	EPA .200.8	2	02/04/2019 12:10 BJ

MARTEL NO. 40089 000045 138-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:55 BJ



MARTEL NO. 40089 000046 140 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 17:57 BJ

MARTEL NO. 40089 000047 140 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.85	ug/l	EPA .200.8	2	02/18/2019 18:00 BJ

MARTEL NO. 40089 000048 140-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.17	ug/l	EPA .200.8	2	02/18/2019 18:02 BJ

MARTEL NO. 40089 000049 142 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 18:05 BJ

MARTEL NO. 40089 000050 142 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.64	ug/l	EPA .200.8	2	02/18/2019 18:07 BJ

MARTEL NO. 40089 000051 142-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.4	ug/l	EPA .200.8	2	02/18/2019 18:17 BJ

MARTEL NO. 40089 000052 135 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 18:22 BJ

MARTEL NO. 40089 000053 135 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 18:24 BJ



MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000054 135-BR HS [BS--NC] 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 18:27 BJ

MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000055 133 B [DF--C] 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 18:29 BJ

MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000056 133 HS [CR--NC] 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.11	ug/l	EPA .200.8	2	02/18/2019 18:32 BJ

MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000057 133-BR HS [BS--NC] 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 18:35 BJ

MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000058 131 B [DF--C] 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.75	ug/l	EPA .200.8	2	02/18/2019 18:37 BJ

MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000059 131 HS [CR--NC] 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	14.8	ug/l	EPA .200.8	2	02/18/2019 18:39 BJ

MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000060 131-BR HS [BS--NC] 12/07/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	17.5	ug/l	EPA .200.8	2	02/18/2019 18:42 BJ

MARTEL NO. 40089 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000061 127 B [DF--C] 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 18:50 BJ



MARTEL NO. 40089 000062 127 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.60	ug/l	EPA .200.8	2	02/18/2019 18:57 BJ

MARTEL NO. 40089 000063 Hall BR (next to J2 Custodial) HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:00 BJ

MARTEL NO. 40089 000064 125 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:02 BJ

MARTEL NO. 40089 000065 125 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.17	ug/l	EPA .200.8	2	02/18/2019 19:05 BJ

MARTEL NO. 40089 000066 125-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:07 BJ

MARTEL NO. 40089 000067 123 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:10 BJ

MARTEL NO. 40089 000068 123 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	15.3	ug/l	EPA .200.8	2	02/04/2019 12:12 BJ

MARTEL NO. 40089 000069 123-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:12 BJ



MARTEL NO. 40089 000070 121 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:15 BJ

MARTEL NO. 40089 000071 121 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.21	ug/l	EPA .200.8	2	02/18/2019 19:25 BJ

MARTEL NO. 40089 000072 121-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:30 BJ

MARTEL NO. 40089 000073 119 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:32 BJ

MARTEL NO. 40089 000074 119 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:35 BJ

MARTEL NO. 40089 000075 119-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:37 BJ

MARTEL NO. 40089 000076 115 Health HS [NO--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.29	ug/l	EPA .200.8	2	02/18/2019 19:40 BJ

MARTEL NO. 40089 000077 115B Health HS [NO--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	24.8	ug/l*	EPA .200.8	2	02/18/2019 19:42 BJ



MARTEL NO. 40089 000078 CLIENT SAMPLE IDENTIFICATION 115 Health BR HS [BS--NC] Sample Date/Time 12/07/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:45 BJ

MARTEL NO. 40089 000079 CLIENT SAMPLE IDENTIFICATION Men's BR (outside Gym) HS-L [BS--NC] Sample Date/Time 12/07/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:47 BJ

MARTEL NO. 40089 000080 CLIENT SAMPLE IDENTIFICATION Men's BR (outside Gym) HS-R [BS--NC] Sample Date/Time 12/07/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:50 BJ

MARTEL NO. 40089 000081 CLIENT SAMPLE IDENTIFICATION Women's BR (outside Gym) HS-L [BS--NC] Sample Date/Time 12/07/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 19:57 BJ

MARTEL NO. 40089 000082 CLIENT SAMPLE IDENTIFICATION Women's BR (outside Gym) HS-R [BS--NC] Sample Date/Time 12/07/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:05 BJ

MARTEL NO. 40089 000083 CLIENT SAMPLE IDENTIFICATION Hall Fountain (outside Gym) DF-L [DF--C] Sample Date/Time 12/07/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:07 BJ

MARTEL NO. 40089 000084 CLIENT SAMPLE IDENTIFICATION Hall Fountain (outside Gym) DF-C [DF--C] Sample Date/Time 12/07/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:10 BJ

MARTEL NO. 40089 000085 CLIENT SAMPLE IDENTIFICATION Hall Fountain (outside Gym) DF-R [DF--C] Sample Date/Time 12/07/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:12 BJ



MARTEL NO. 40089 000086 103 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	37.0	ug/l*	EPA .200.8	2	02/18/2019 20:15 BJ

MARTEL NO. 40089 000087 BR (outside 103) HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:17 BJ

MARTEL NO. 40089 000088 101 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.97	ug/l	EPA .200.8	2	02/18/2019 20:20 BJ

MARTEL NO. 40089 000089 100 Before/After Care HS [OT--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:22 BJ

MARTEL NO. 40089 000090 100 Before/After Care DF-L [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:25 BJ

MARTEL NO. 40089 000091 100 Before/After Care DF-R [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:35 BJ

MARTEL NO. 40089 000092 100 Before/After Care HS [OT--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:40 BJ

MARTEL NO. 40089 000093 102 A P.E Office BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:42 BJ



MARTEL NO. 40089 000094 CLIENT SAMPLE IDENTIFICATION Gym BR-Right HS [BS--NC] Sample Date/Time 12/07/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:45 BJ

MARTEL NO. 40089 000095 CLIENT SAMPLE IDENTIFICATION Gym BR-Left HS [BS--NC] Sample Date/Time 12/07/2018 05:45

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 20:48 BJ

MARTEL NO. 40089 000096 CLIENT SAMPLE IDENTIFICATION Kitchen Sink (next to 104C Dry Storage) HS [KS--NC] Sample Date/Time 12/07/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	14.6	ug/l	EPA .200.8	2	02/18/2019 20:50 BJ

MARTEL NO. 40089 000097 CLIENT SAMPLE IDENTIFICATION Kitchen Tri-Sink Sink-L [KS--C] Sample Date/Time 12/07/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.83	ug/l	EPA .200.8	2	02/18/2019 20:53 BJ

MARTEL NO. 40089 000098 CLIENT SAMPLE IDENTIFICATION Kitchen Tri-Sink Sink-R [KS--C] Sample Date/Time 12/07/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.85	ug/l	EPA .200.8	2	02/18/2019 20:55 BJ

MARTEL NO. 40089 000099 CLIENT SAMPLE IDENTIFICATION Kitchen Sink (next to 104D Food Storage) HS [KS--NC] Sample Date/Time 12/07/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.67	ug/l	EPA .200.8	2	02/18/2019 20:58 BJ

MARTEL NO. 40089 000100 CLIENT SAMPLE IDENTIFICATION Kitchen BR HS [BS--NC] Sample Date/Time 12/07/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	17.9	ug/l	EPA .200.8	2	02/18/2019 21:00 BJ

MARTEL NO. 40089 000101 CLIENT SAMPLE IDENTIFICATION Kitchen Sink (next to BR) HS [KS--NC] Sample Date/Time 12/07/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.02	ug/l	EPA .200.8	2	02/18/2019 21:08 BJ



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40089	000102	Hall BR (next to 107) HS [BS--NC]				12/07/2018 06:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 21:15 BJ		

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40089	000103	107 Faculty Lounge HS [TL--C]				12/07/2018 06:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 21:18 BJ		

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40089	000104	Media BR HS [BS--NC]				12/07/2018 06:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	02/18/2019 21:20 BJ		

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40089	000105	Media Work Room HS [OT--NC]				12/07/2018 06:03	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	19.6	ug/l	EPA .200.8	2	02/18/2019 21:23 BJ		

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: 12/7/18 4:50 End Date/Time: 12/7/18 6:03

Sampler/Relinquished By: [Signature] Received at Martel by: [Signature] Date/Time: 12/7/18 13:55

Lake Shore ES (2162) Martel No. 40089

4531 Mountain Rd, Pasadena, MD 21122

**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 Cor NG?	Time/notes	
1	110 C Conference Room	Hand Sink (HS)	OT	NC	4:50	
2	Main Office Work Room	HS	OT	NC	↓	
3	Main Office Bathroom (BR)	HS	OT	NC		
4	Hall Fountain (across from 117)	Drinking Fountain (DF)	DF	C		
5	114	Bubbler (B)	DF	C		
6	114	HS	CR	NC		
7	116	B	DF	C		
8	116	HS	CR	NC		
9	116-BR	HS	BS	NC		
10	118	B	DF	C		4:55
11	118	HS	CR	NC		↓
12	118-BR	HS	BS	NC		
13	120	B	DF	C		
14	120	HS	CR	NC		
15	120-BR	HS	BS	NC		
16	122	B	DF	C		
17	122	HS	CR	NC		
18	122-BR	HS	BS	NC		
19	124	B	DF	C		
20	124	HS	CR	NC		
21	124-BR	HS	BS	NC		
22	Hall Fountain (across from 125)	DF	DF	C	5:00	
23	126 Art	HS-Left (L)	OT	NC		
24	126 Art	HS-Right (R.)	OT	NC		5:00
25	126 Art-BR	HS	BS	NC	↓	

Lake Shore ES (2162) Martel No. 40089

4531 Mountain Rd, Pasadena, MD 21122

26	128 Science	HS-L	OT	NC	S:00	
27	128 Science	HS-Center (C.)	OT	NC	↓	
28	128 Science	HS-R	OT	NC		
29	128 Science	HS-Island	OT	NC		
30	128 Science-BR	HS	BS	NC		ww
31	130	B	DF	C		
32	130	HS	CR	NC		
33	130-BR	HS	BS	NC		
34	132	B	DF	C		
35	132	HS	CR	NC		
36	132-BR	HS	BS	NC		
37	134	B	DF	C	S:05	
38	134	HS	CR	NC	↓	
39	134-BR	HS	BS	NC		
40	136	B	DF	C		
41	136	HS	CR	NC		
42	136-BR	HS	BS	NC		
43	138	B	DF	C		
44	138	HS	CR	NC		
45	138-BR	HS	BS	NC		
46	140	B	DF	C		S:10
47	140	HS	CR	NC		↓
48	140-BR	HS	BS	NC		
49	142	B	DF	C		
50	142	HS	CR	NC		
51	142-BR	HS	BS	NC		
52	135	B	DF	C	S:15	
53	135	HS	CR	NC	↓	
54	135-BR	HS	BS	NC		
55	133	B	DF	C		
56	133	HS	CR	NC		
57	133-BR	HS	BS	NC		
58	131	B	DF	C		
59	131	HS	CR	NC		
60	131-BR	HS	BS	NC		
61	127	B	DF	C		S:20

Lake Shore ES (2162) Martel No. 40089

4531 Mountain Rd, Pasadena, MD 21122

62	127	HS	CR	NC	5:20	
63	Hall BR (next to J2 Custodial)	HS	BS	NC	↓	
64	125	B	DF	C		
65	125	HS	CR	NC		
66	125-BR	HS	BS	NC		
67	123	B	DF	C		
68	123	HS	CR	NC		
69	123-BR	HS	BS	NC		
70	121	B	DF	C		5:25
71	121	HS	CR	NC		↓
72	121-BR	HS	BS	NC		
73	119	B	DF	C		
74	119	HS	CR	NC		
75	119-BR	HS	BS	NC		
76	115 Health	HS	NO	C		
77	115B Health	HS	NO	C		
78	115 Health BR	HS	BS	NC		
79	Men's BR (outside Gym)	HS-L	BS	NC	5:30	
80	Men's BR (outside Gym)	HS-R	BS	NC	↓	
81	Women's BR (outside Gym)	HS-L	BS	NC		
82	Women's BR (outside Gym)	HS-R	BS	NC		
83	Hall Fountain (outside Gym)	DF-L	DF	C		
84	Hall Fountain (outside Gym)	DF-C	DF	C		
85	Hall Fountain (outside Gym)	DF-R	DF	C		
86	103	HS	CR	NC		5:40
87	BR (outside 103)	HS	BS	NC		↓
88	101	HS	CR	NC		
89	100 Before/After Care	HS	OT	NC		
90	100 Before/After Care	DF-L	DF	C		
91	100 Before/After Care	DF-R	DF	C		
92	100 Before/After Care	HS	OT	NC		
93	102 A P.E Office BR	HS	BS	NC		
94	Gym BR-Right	HS	BS	NC		
95	Gym BR-Left	HS	BS	NC		
96	Kitchen Sink (next to 104C Dry Storage)	HS	KS	NC	5:55	
97	Kitchen Tri-Sink	Sink-L	KS	C	↓	

Lake Shore ES (2162) Martel No. 40089

4531 Mountain Rd, Pasadena, MD 21122

98	Kitchen Tri-Sink	Sink-R	KS	C	5:55
99	Kitchen Sink (next to 104D Food Storage)	HS	KS	NC	↓
100	Kitchen BR	HS	BS	NC	↓
101	Kitchen Sink (next to BR)	HS	KS	NC	↓
102	Hall BR (next to 107)	HS	BS	NC	6:00
103	107 Faculty Lounge	HS	TL	C	↓
104	Media BR	HS	BS	NC	↓
105	Media Work Room	HS	OT	NC	6:03