

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Deale 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 26, 2018, **ninety-two (92)** lead water samples were collected from **Deale Elementary School**. Of these lead water samples, four (4) 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 Deale Elementary School were as follows:

Sample Number 000069-124 Science (Tri-Sink Door Side) Hand Sink-Smart Board: 221 ppb (non-consumable).

Sample Number 000070-124 Science (Tri-Sink Door Side) Hand Sink-Wall: 120 ppb (non-consumable).

Sample Number 000071-124 Science (Tri-Sink Window Side) Hand Sink-Window: 474 ppb (non-consumable).

Sample Number 000089-Kitchen Sink (behind serving line) Hand Sink: 96.8 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. Four (4) non-consumable water sources consisting of hand sinks will be retested and posted with green signage indicating “Hand Washing Only”.

NEXT STEPS

1. 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

Friday, November 30, 2018

Pasadena, MD 21122

Attention: Chris Williams; Brian Wells

Certificate of Analysis
FINAL

Report for Lab No: 40062.

Deale ES (4132)

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

P.O. Number: PO 9212

Sampling by Martel personnel on October 26, 2018.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40062	000001	110 Speech Hand Sink (HS) [OT--NC]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 15:40 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40062	000002	110 Speech Bubbler (B) [DF--C]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 15:52 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40062	000003	Kindergarten (closets to front door) HS [CR--NC]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 15:54 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40062	000004	Kindergarten (closets to front door) HS [CR--NC]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.77	ug/l	EPA .200.8	2	11/28/2018 15:57 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40062	000005	Kindergarten (closets to front door) B [DF--C]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.26	ug/l	EPA .200.8	2	11/28/2018 15:59 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40062	000006	Kindergarten-Bathroom (BR) (closets to front door) HS [BS]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000006	Kindergarten-Bathroom (BR) (closets to front door) HS [BS]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.10	ug/l	EPA .200.8	2	11/28/2018 16:02 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000007	Kindergarten HS [CR--NC]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:04 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000008	Kindergarten B [DF--C]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:07 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000009	Kindergarten-BR HS [BS--NC]	10/26/2018 04:45			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.44	ug/l	EPA .200.8	2	11/28/2018 16:09 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000010	Office Work Room HS [OT--NC]	10/26/2018 04:57			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:12 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000011	Office Work Room B [DF--C]	10/26/2018 04:57			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:22 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000012	Health Room HS [NO--C]	10/26/2018 04:57			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	16.9	ug/l	EPA .200.8	2	11/28/2018 16:27 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000013	Health Room-BR HS [BS--NC]	10/26/2018 04:57			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.3	ug/l	EPA .200.8	2	11/28/2018 16:30 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000014	Hall Fountain (outside café) Drinking Fountain (DF) [DF--C]	10/26/2018 04:00			
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			
40062 000015	Main Hall BR (outside café) HS-Left (L) [BS--NC]	10/26/2018 05:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:32 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000016	Main Hall BR (outside café) HS-Right (R.) [BS--NC]	10/26/2018 05:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:35 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000017	Media Office HS [OT--NC]	10/26/2018 05:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:37 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000018	Media Office B [DF--C]	10/26/2018 05:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:40 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000019	130-Teachers Lounge HS [TL--C]	10/26/2018 05:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.02	ug/l	EPA .200.8	2	11/28/2018 16:42 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000020	Women's BR (outside 130) HS [BS--NC]	10/26/2018 05:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:45 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40062 000021	Men's BR (outside 130) HS [BS--NC]	10/26/2018 05:01			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 16:52 BJ



MARTEL NO. 40062 000022 Hall Fountain (outside guidance) DF [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:00 BJ

MARTEL NO. 40062 000023 11 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:02 BJ

MARTEL NO. 40062 000024 11 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:05 BJ

MARTEL NO. 40062 000025 11-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.13	ug/l	EPA .200.8	2	11/28/2018 17:07 BJ

MARTEL NO. 40062 000026 10 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:10 BJ

MARTEL NO. 40062 000027 10 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:12 BJ

MARTEL NO. 40062 000028 10-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:15 BJ

MARTEL NO. 40062 000029 9 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:17 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000030	9 B	[DF--C]		10/26/2018 05:10
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:20 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000031	9-BR HS	[BS--NC]		10/26/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.79	ug/l	EPA .200.8	2	11/28/2018 17:30 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000032	8 HS	[CR--NC]		10/26/2018 05:15
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:35 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000033	8 B	[DF--C]		10/26/2018 05:15
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:37 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000034	8-BR HS	[BS--NC]		10/26/2018 05:15
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:40 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000035	7 HS	[CR--NC]		10/26/2018 05:15
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:42 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000036	7 B	[DF--C]		10/26/2018 05:15
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:45 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062	000037	7-BR HS	[BS--NC]		10/26/2018 05:15
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.87	ug/l	EPA .200.8	2	11/28/2018 17:47 BJ



MARTEL NO. 40062 000038 CLIENT SAMPLE IDENTIFICATION Hall Fountain (outside 7) DF [DF--C] Sample Date/Time 10/26/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:50 BJ

MARTEL NO. 40062 000039 CLIENT SAMPLE IDENTIFICATION Hall Fountain (outside 6) DF [DF--C] Sample Date/Time 10/26/2018 05:15

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:52 BJ

MARTEL NO. 40062 000040 CLIENT SAMPLE IDENTIFICATION 6 HS [CR--NC] Sample Date/Time 10/26/2018 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 17:55 BJ

MARTEL NO. 40062 000041 CLIENT SAMPLE IDENTIFICATION 6 B [DF--C] Sample Date/Time 10/26/2018 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:02 BJ

MARTEL NO. 40062 000042 CLIENT SAMPLE IDENTIFICATION 6-BR HS [BS--NC] Sample Date/Time 10/26/2018 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.37	ug/l	EPA .200.8	2	11/28/2018 18:10 BJ

MARTEL NO. 40062 000043 CLIENT SAMPLE IDENTIFICATION 5 HS [CR--NC] Sample Date/Time 10/26/2018 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:12 BJ

MARTEL NO. 40062 000044 CLIENT SAMPLE IDENTIFICATION 5 B [DF--C] Sample Date/Time 10/26/2018 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:15 BJ

MARTEL NO. 40062 000045 CLIENT SAMPLE IDENTIFICATION 5-BR HS [BS--NC] Sample Date/Time 10/26/2018 05:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.79	ug/l	EPA .200.8	2	11/28/2018 18:17 BJ



MARTEL NO. 40062 000046 4 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.95	ug/l	EPA .200.8	2	11/28/2018 18:20 BJ

MARTEL NO. 40062 000047 4 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.82	ug/l	EPA .200.8	2	11/28/2018 18:22 BJ

MARTEL NO. 40062 000048 4-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:25 BJ

MARTEL NO. 40062 000049 3 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:27 BJ

MARTEL NO. 40062 000050 3 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:30 BJ

MARTEL NO. 40062 000051 3-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.05	ug/l	EPA .200.8	2	11/28/2018 18:40 BJ

MARTEL NO. 40062 000052 2 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:45 BJ

MARTEL NO. 40062 000053 2 B [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:26

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:47 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000054	2-BR HS [BS--NC]				10/26/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.27	ug/l	EPA .200.8	2	11/28/2018 18:50 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000055	1 HS [CR--NC]				10/26/2018 05:26
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.07	ug/l	EPA .200.8	2	11/28/2018 18:52 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000056	1 B [DF--C]				10/26/2018 05:26
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 18:55 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000057	1-BR HS [BS--NC]				10/26/2018 05:26
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.3	ug/l	EPA .200.8	2	11/28/2018 18:57 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000058	127 HS [CR--NC]				10/26/2018 05:26
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 19:00 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000059	127 B [DF--C]				10/26/2018 05:26
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 19:02 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000060	127-BR HS [BS--NC]				10/26/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	14.4	ug/l	EPA .200.8	2	11/28/2018 19:05 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000061	126-Reading HS [CR--NC]				10/26/2018 05:34
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.80	ug/l	EPA .200.8	2	11/28/2018 19:12 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000062	126-Reading B [DF--C]				10/26/2018 05:34
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.93	ug/l	EPA .200.8	2	11/28/2018 19:20 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000063	125 HS [CR--NC]				10/26/2018 05:34
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.30	ug/l	EPA .200.8	2	11/28/2018 19:22 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000064	125 B [DF--C]				10/26/2018 05:34
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.70	ug/l	EPA .200.8	2	11/28/2018 19:25 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000065	Girls BR (outside café) HS-L [BS--NC]				10/26/2018 05:34
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.13	ug/l	EPA .200.8	2	11/28/2018 19:27 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000066	Girls BR (outside café) HS-R [BS--NC]				10/26/2018 05:34
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 19:30 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000067	Hall Fountain (outside girls BR) DF [DF--C]				10/26/2018 05:34
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 19:32 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000068	124 Science HS-Counter [OT--NC]				10/26/2018 05:37
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.92	ug/l	EPA .200.8	2	11/28/2018 19:35 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40062 000069	124 Science (tri-sink-door side) HS-Smart Board [OT--NC]				10/26/2018 05:37
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	221	ug/l*	EPA .200.8	2	11/14/2018 16:44 CSG



MARTEL NO. 40062 000070 CLIENT SAMPLE IDENTIFICATION 124 Science (tri-sink-door side) HS-wall [OT--NC] Sample Date/Time 10/26/2018 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	120	ug/l*	EPA .200.8	2	11/28/2018 19:37 BJ

MARTEL NO. 40062 000071 CLIENT SAMPLE IDENTIFICATION 124 Science (tri-sink-door side) HS-Window [OT--NC] Sample Date/Time 10/26/2018 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	474	ug/l*	EPA .200.8	2	11/14/2018 16:47 CSG

MARTEL NO. 40062 000072 CLIENT SAMPLE IDENTIFICATION 124 Science (tri-sink/window side) HS-Smart Board [OT--NC] Sample Date/Time 10/26/2018 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.62	ug/l	EPA .200.8	2	11/28/2018 19:47 BJ

MARTEL NO. 40062 000073 CLIENT SAMPLE IDENTIFICATION 124 Science (tri-sink/window side) HS-Window [OT--NC] Sample Date/Time 10/26/2018 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.00	ug/l	EPA .200.8	2	11/28/2018 19:52 BJ

MARTEL NO. 40062 000074 CLIENT SAMPLE IDENTIFICATION 124 Science (tri-sink/window side) HS-Wall [OT--NC] Sample Date/Time 10/26/2018 05:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.98	ug/l	EPA .200.8	2	11/28/2018 19:55 BJ

MARTEL NO. 40062 000075 CLIENT SAMPLE IDENTIFICATION Art 123 HS [CR--NC] Sample Date/Time 10/26/2018 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.63	ug/l	EPA .200.8	2	11/28/2018 19:58 BJ

MARTEL NO. 40062 000076 CLIENT SAMPLE IDENTIFICATION Art 123 B [DF--C] Sample Date/Time 10/26/2018 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 20:00 BJ

MARTEL NO. 40062 000077 CLIENT SAMPLE IDENTIFICATION Art 123 (tri-Sink) HS-Door [CR--NC] Sample Date/Time 10/26/2018 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.58	ug/l	EPA .200.8	2	11/28/2018 20:03 BJ



MARTEL NO. 40062 000078 Art 123 (tri-Sink) HS-Wall [CR--NC] Sample Date/Time 10/26/2018 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.71	ug/l	EPA .200.8	2	11/28/2018 20:05 BJ

MARTEL NO. 40062 000079 Art 123 (tri-Sink) HS-Window [CR--NC] Sample Date/Time 10/26/2018 05:44

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	19.3	ug/l	EPA .200.8	2	11/28/2018 20:08 BJ

MARTEL NO. 40062 000080 122 HS [CR--NC] Sample Date/Time 10/26/2018 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.17	ug/l	EPA .200.8	2	11/28/2018 20:10 BJ

MARTEL NO. 40062 000081 122 B [DF--C] Sample Date/Time 10/26/2018 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 20:18 BJ

MARTEL NO. 40062 000082 Boys BR (outside 122) HS [BS--NC] Sample Date/Time 10/26/2018 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.60	ug/l	EPA .200.8	2	11/28/2018 20:25 BJ

MARTEL NO. 40062 000083 Girls BR (outside 121) HS [BS--NC] Sample Date/Time 10/26/2018 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.77	ug/l	EPA .200.8	2	11/28/2018 20:28 BJ

MARTEL NO. 40062 000084 121 HS [CR--NC] Sample Date/Time 10/26/2018 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 20:30 BJ

MARTEL NO. 40062 000085 121 B [DF--C] Sample Date/Time 10/26/2018 05:48

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 20:33 BJ



MARTEL NO. 40062 000086 Kitchen Tri-Sink Sink-L [KS--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 20:35 BJ

MARTEL NO. 40062 000087 Kitchen Tri-Sink Sink-R [KS--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	11/28/2018 20:38 BJ

MARTEL NO. 40062 000088 Kitchen Sink (across from tri-sink) HS [KS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.47	ug/l	EPA .200.8	2	11/28/2018 20:40 BJ

MARTEL NO. 40062 000089 Kitchen Sink (behind serving line) HS [KS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	96.8	ug/l*	EPA .200.8	2	11/28/2018 20:43 BJ

MARTEL NO. 40062 000090 Kitchen-BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:56

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.95	ug/l	EPA .200.8	2	11/28/2018 20:45 BJ

MARTEL NO. 40062 000091 Gym Office BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.70	ug/l	EPA .200.8	2	11/28/2018 20:55 BJ

MARTEL NO. 40062 000092 Gym Girl BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.45	ug/l	EPA .200.8	2	11/28/2018 21:00 BJ

MARTEL NO. 40062 000093 Gym Boy BR HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 10/26/2018 05:59

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.41	ug/l	EPA .200.8	2	11/28/2018 21:03 BJ



Martel Laboratories JDS Inc.

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

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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: 10/26/18 4:45 End Date/Time: 10/26/18 6:00

Sampler/Relinquished By: AK 2923 Received at Martel by [Signature] Date/Time: 10/26/18 8:30

Deale ES (4132) Martel No. 40062

759 Masons Beach Rd, Deale, MD 20751

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 NC2	Time/notes	
1	110 Speech	Hand Sink (HS)	OT	NC	445	
2	110 Speech	Bubbler (B)	DF	C	↓	
3	Kindergarten (closets to front door)	HS	CR	NC		
4	Kindergarten (closets to front door)	HS	CR	NC		
5	Kindergarten (closets to front door)	B	DF	C		
6	Kindergarten-Bathroom (BR) (closets to front door)	HS	BS	NC		
7	Kindergarten	HS	CR	NC		
8	Kindergarten	B	DF	C		
9	Kindergarten-BR	HS	BS	NC		
10	Office Work Room	HS	OT	NC		457
11	Office Work Room	B	DF	C		↓
12	Health Room	HS	NO	C		
13	Health Room-BR	HS	BS	NC		
14	Hall Fountain (outside café)	Drinking Fountain (DF)	DF	C		NW
15	Main Hall BR (outside café)	HS-Left (L)	BS	NC	501	
16	Main Hall BR (outside café)	HS-Right (R.)	BS	NC	↓	
17	Media Office	HS	OT	NC		
18	Media Office	B	DF	C		
19	130-Teachers Lounge	HS	TL	C		
20	Women's BR (outside 130)	HS	BS	NC		
21	Men's BR (outside 130)	HS	BS	NC		
22	Hall Fountain (outside guidance)	DF	DF	C		507
23	11	HS	CR	NC		↓
24	11	B	DF	C		
25	11-BR	HS	BS	NC		

Deale ES (4132) Martel No. 40062

759 Masons Beach Rd, Deale, MD 20751

26	10	HS	CR	NC	510
27	10	B	DF	C	↓
28	10-BR	HS	BS	NC	
29	9	HS	CR	NC	↓
30	9	B	DF	C	
31	9-BR	HS	BS	NC	leaking
32	8	HS	CR	NC	515
33	8	B	DF	C	↓
34	8-BR	HS	BS	NC	
35	7	HS	CR	NC	↓
36	7	B	DF	C	
37	7-BR	HS	BS	NC	↓
38	Hall Fountain (outside 7)	DF	DF	C	
39	Hall Fountain (outside 6)	DF	DF	C	↓
40	6	HS	CR	NC	518
41	6	B	DF	C	↓
42	6-BR	HS	BS	NC	
43	5	HS	CR	NC	↓
44	5	B	DF	C	
45	5-BR	HS	BS	NC	↓
46	4	HS	CR	NC	522
47	4	B	DF	C	↓
48	4-BR	HS	BS	NC	
49	3	HS	CR	NC	↓
50	3	B	DF	C	
51	3-BR	HS	BS	NC	↓
52	2	HS	CR	NC	526
53	2	B	DF	C	↓
54	2-BR	HS	BS	NC	leaking
55	1	HS	CR	NC	↓
56	1	B	DF	C	
57	1-BR	HS	BS	NC	leaking
58	127	HS	CR	NC	↓
59	127	B	DF	C	
60	127-BR	HS	BS	NC	leaking
61	126-Reading	HS	CR	NC	534

Deale ES (4132) Martel No. 40062

759 Masons Beach Rd, Deale, MD 20751

62	126-Reading	B	DF	C	534
63	125	HS	CR	NC	↓
64	125	B	DF	C	
65	Girls BR (outside café)	HS-L	BS	NC	
66	Girls BR (outside café)	HS-R	BS	NC	
67	Hall Fountain (outside girls BR)	DF	DF	C	
68	124 Science	HS-Counter	OT	NC	537
69	124 Science (tri-sink-door side)	HS-Smart Board	OT	NC	↓
70	124 Science (tri-sink-door side)	HS-wall	OT	NC	
71	124 Science (tri-sink-door side)	HS-Window	OT	NC	
72	124 Science (tri-sink/window side)	HS-Smart Board	OT	NC	
73	124 Science (tri-sink/window side)	HS-Window	OT	NC	
74	124 Science (tri-sink/window side)	HS-Wall	OT	NC	
75	Art 123	HS	CR	NC	
76	Art 123	B	DF	C	↓
77	Art 123 (tri-Sink)	HS-Door	CR	NC	
78	Art 123 (tri-Sink)	HS-Wall	CR	NC	
79	Art 123 (tri-Sink)	HS-Window	CR	NC	↓
80	122	HS	CR	NC	548
81	122	B	DF	C	↓
82	Boys BR (outside 122)	HS	BS	NC	
83	Girls BR (outside 121)	HS	BS	NC	
84	121	HS	CR	NC	
85	121	B	DF	C	
86	Kitchen Tri-Sink	Sink-L	KS	C	556
87	Kitchen Tri-Sink	Sink-R	KS	C	↓
88	Kitchen Sink (across from tri-sink)	HS	KS	NC	
89	Kitchen Sink (behind serving line)	HS	KS	NC	
90	Kitchen-BR	HS	BS	NC	↓
91	Gym Office BR	HS	BS	NC	589
92	Gym Girl BR	HS	BS	NC	↓
93	Gym Boy BR	HS	BS	NC	