

# Lead in Drinking Water – Public and Nonpublic Schools

## **IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S)** **Bodkin 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, **sixty-six (66)** lead water samples were collected from **Bodkin Elementary School**. Of these lead water samples, two (2) 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 Bodkin Elementary School were as follows:

Sample Number 000058-Global Studies Bathroom Hand Sink: 53.1 ppb (non-consumable).  
Sample Number 000059-CPU Lab Bathroom Hand Sink: 21.8 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. Two (2) non-consumable water sources consisting of hand sinks will be posted with signage indicating "Hand Washing Only".

## **NEXT STEPS**

1. Two (2) 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](http://www.epa.gov/lead). If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.



**AACPS - Operations Division**  
9034 Ft. Smallwood Road

Monday, February 18, 2019

Pasadena, MD 21122

**Attention: Chris Williams; Brian Wells**

***Certificate of Analysis***  
**FINAL**

*Report for Lab No: 40088.*

*Bodkin ES (2082)*

*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
40088	000001	Main Office Bathroom (BR) Hand Sink (HS) [BS--NC]					12/07/2018 04:58
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	02/13/2019 08:19 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40088	000002	Health Room HS [NO--C]					12/07/2018 04:58
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	02/13/2019 08:31 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40088	000003	Health Room-BR HS [BS--NC]					12/07/2018 04:58
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	02/13/2019 08:34 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40088	000004	Lobby Girls BR HS-Left (L) [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	02/13/2019 08:36 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40088	000005	Lobby Girls BR HS-Right (R.) [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	02/13/2019 08:39 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40088	000006	Teachers Lounge Men's BR HS [BS--NC]					12/07/2018 05:00
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	



MARTEL NO. 40088	000006	CLIENT SAMPLE IDENTIFICATION Teachers Lounge Men's 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	6.86	ug/l	EPA .200.8	2	02/13/2019 08:41 BJ

MARTEL NO. 40088	000007	CLIENT SAMPLE IDENTIFICATION Teachers Lounge Women's 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	02/13/2019 08:44 BJ

MARTEL NO. 40088	000008	CLIENT SAMPLE IDENTIFICATION Teachers Lounge HS [TL--C]	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	02/13/2019 08:46 BJ

MARTEL NO. 40088	000009	CLIENT SAMPLE IDENTIFICATION Guidance Bubbler (B) [DF--C]	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	non	operational	EPA .200.8	2	/ /

MARTEL NO. 40088	000010	CLIENT SAMPLE IDENTIFICATION Guidance HS [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	5.30	ug/l	EPA .200.8	2	02/13/2019 08:48 BJ

MARTEL NO. 40088	000011	CLIENT SAMPLE IDENTIFICATION Speech B [DF--C]	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	non	operational	EPA .200.8	2	/ /

MARTEL NO. 40088	000012	CLIENT SAMPLE IDENTIFICATION Speech HS [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	4.17	ug/l	EPA .200.8	2	02/13/2019 08:59 BJ

MARTEL NO. 40088	000013	CLIENT SAMPLE IDENTIFICATION Staff BR (next to 24) HS [BS--NC]	Sample Date/Time 12/07/2018 05:05
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/13/2019 09:04 BJ



**Certificate of Analysis**

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION Hall Fountain (next to 24) Drinking Fountain (DF) [DF--C]      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	02/13/2019 09:06 BJ

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION Boys BR (next to 23) HS-L [BS--NC]      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	02/13/2019 09:09 BJ

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION Boys BR (next to 23) HS-Center (C.) [BS--NC]      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	02/13/2019 09:11 BJ

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION Boys BR (next to 23) HS-R [BS--NC]      Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	16.2	ug/l	EPA .200.8	2	02/13/2019 09:14 BJ

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION Girls BR (next to 20) HS-L [BS--NC]      Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.85	ug/l	EPA .200.8	2	02/13/2019 09:16 BJ

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION Girls BR (next to 20) HS-C [BS--NC]      Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.60	ug/l	EPA .200.8	2	02/13/2019 09:19 BJ

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION Girls BR (next to 20) HS-R [BS--NC]      Sample Date/Time 12/07/2018 05:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.91	ug/l	EPA .200.8	2	02/13/2019 09:21 BJ

MARTEL NO. 40088      CLIENT SAMPLE IDENTIFICATION 20 B-L [DF--C]      Sample Date/Time 12/07/2018 05:05

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



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MARTEL NO. 40088 000022 20 B-R [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:15

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 4.30, ug/l, EPA .200.8, 2, 02/13/2019 09:29 BJ

MARTEL NO. 40088 000023 20 HS [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:15

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 8.22, ug/l, EPA .200.8, 2, 02/13/2019 09:36 BJ

MARTEL NO. 40088 000024 Staff BR (next to 16) HS [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:15

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 2.08, ug/l, EPA .200.8, 2, 02/13/2019 09:39 BJ

MARTEL NO. 40088 000025 Hall Fountain (next to 16) DF [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:15

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, <2, ug/l, EPA .200.8, 2, 02/13/2019 09:41 BJ

MARTEL NO. 40088 000026 Boys BR (next to 15) HS-L [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 3.23, ug/l, EPA .200.8, 2, 02/13/2019 09:44 BJ

MARTEL NO. 40088 000027 Boys BR (next to 15) HS-C [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, <2, ug/l, EPA .200.8, 2, 02/13/2019 09:46 BJ

MARTEL NO. 40088 000028 Boys BR (next to 15) HS-R [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, <2, ug/l, EPA .200.8, 2, 02/13/2019 09:49 BJ

MARTEL NO. 40088 000029 Girls BR (next to 12) HS-L [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 12/07/2018 05:20

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, <2, ug/l, EPA .200.8, 2, 02/13/2019 09:51 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000030	Girls BR (next to 12) HS-C [BS--NC]	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	02/13/2019 09:54 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000031	Girls BR (next to 12) HS-R [BS--NC]	12/07/2018 05:20			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.14	ug/l	EPA .200.8	2	02/13/2019 10:04 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000032	28 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	02/13/2019 10:09 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000033	28 HS [CR--NC]	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	02/13/2019 10:11 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000034	28-BR HS [BS--NC]	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	02/13/2019 10:14 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000035	29 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	02/13/2019 10:16 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000036	29 HS [CR--NC]	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	02/13/2019 10:19 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40088 000037	29-BR HS [BS--NC]	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	02/13/2019 10:21 BJ



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000038	30 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	02/13/2019 10:24 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000039	30 HS	[CR--NC]			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	02/13/2019 10:26 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000040	30-BR HS	[BS--NC]			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	02/13/2019 10:29 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000041	31 B	[DF--C]			12/07/2018 05:30
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.02	ug/l	EPA .200.8	2	02/13/2019 10:36 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000042	31 HS	[CR--NC]			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	02/13/2019 10:43 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000043	31-BR HS	[BS--NC]			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	02/13/2019 10:46 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000044	Staff BR (next to 8) HS	[BS--NC]			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	02/13/2019 10:48 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
40088	000045	Hall Fountain (next to 8) DF	[DF--C]			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	02/13/2019 10:51 BJ	





Certificate of Analysis

MARTEL NO. 40088 000046 Boys BR (next to 7) HS-L [BS--NC] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 5.38, ug/l, EPA .200.8, 2, 02/13/2019 10:53 BJ

MARTEL NO. 40088 000047 Boys BR (next to 7) HS-C [BS--NC] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, <2, ug/l, EPA .200.8, 2, 02/13/2019 10:56 BJ

MARTEL NO. 40088 000048 Boys BR (next to 7) HS-R [BS--NC] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 2.46, ug/l, EPA .200.8, 2, 02/13/2019 10:58 BJ

MARTEL NO. 40088 000049 Girls BR (next to 4) HS-L [BS--NC] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, <2, ug/l, EPA .200.8, 2, 02/13/2019 11:01 BJ

MARTEL NO. 40088 000050 Girls BR (next to 4) HS-C [BS--NC] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, <2, ug/l, EPA .200.8, 2, 02/13/2019 11:03 BJ

MARTEL NO. 40088 000051 Girls BR (next to 4) HS-R [BS--NC] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 2.66, ug/l, EPA .200.8, 2, 02/13/2019 11:13 BJ

MARTEL NO. 40088 000052 4 B [DF--C] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 6.81, ug/l, EPA .200.8, 2, 02/13/2019 11:18 BJ

MARTEL NO. 40088 000053 4 HS [CR--NC] Sample Date/Time 12/07/2018 05:30

Table with 7 columns: Compound, Test Value, Test Unit, Method, Detection Limit, Analysis Date/Time/Initial. Row 1: Lead, 3.37, ug/l, EPA .200.8, 2, 02/13/2019 11:21 BJ



MARTEL NO. 40088      000054      Art HS-L [OT--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/13/2019 11:23 BJ

MARTEL NO. 40088      000055      Art HS-R [OT--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/13/2019 11:26 BJ

MARTEL NO. 40088      000056      Global Studies B [DF--C]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

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

MARTEL NO. 40088      000057      Global Studies HS [OT--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/13/2019 11:28 BJ

MARTEL NO. 40088      000058      Global Studies-BR HS [BS--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	53.1	ug/l*	EPA .200.8	2	02/13/2019 11:31 BJ

MARTEL NO. 40088      000059      CPU Lab-BR HS [BS--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	21.8	ug/l*	EPA .200.8	2	02/13/2019 11:33 BJ

MARTEL NO. 40088      000060      Lobby Boys BR HS-L [BS--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/13/2019 11:36 BJ

MARTEL NO. 40088      000061      Lobby Boys BR HS-R [BS--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 12/07/2018 05:38

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	02/13/2019 11:43 BJ



MARTEL NO. 40088      000062      CLIENT SAMPLE IDENTIFICATION Kitchen-Bucket Sink (outside office) Sink [KS--C]      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	02/13/2019 11:51 BJ

MARTEL NO. 40088      000063      CLIENT SAMPLE IDENTIFICATION Kitchen Sink (across from dual sink) HS [KS--NC]      Sample Date/Time 12/07/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.79	ug/l	EPA .200.8	2	02/13/2019 11:54 BJ

MARTEL NO. 40088      000064      CLIENT SAMPLE IDENTIFICATION Kitchen Dual Sink Sink [KS--C]      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	02/13/2019 11:56 BJ

MARTEL NO. 40088      000065      CLIENT SAMPLE IDENTIFICATION Kitchen Tri-Sink Sink-L [KS--C]      Sample Date/Time 12/07/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.72	ug/l	EPA .200.8	2	02/13/2019 11:59 BJ

MARTEL NO. 40088      000066      CLIENT SAMPLE IDENTIFICATION Kitchen Tri-Sink Sink-R [KS--C]      Sample Date/Time 12/07/2018 05:40

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.62	ug/l	EPA .200.8	2	02/13/2019 12:01 BJ

MARTEL NO. 40088      000067      CLIENT SAMPLE IDENTIFICATION Kitchen BR HS [BS--NC]      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	02/13/2019 12:03 BJ

MARTEL NO. 40088      000068      CLIENT SAMPLE IDENTIFICATION Gym Office-BR HS [BS--NC]      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	02/13/2019 12:06 BJ

MARTEL NO. 40088      000069      CLIENT SAMPLE IDENTIFICATION Gym Boys BR HS [BS--NC]      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	02/13/2019 12:08 BJ



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40088	000070	Gym Girls BR HS [BS--NC]				12/07/2018 05:40	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	5.50	ug/l	EPA .200.8	2	02/13/2019 12:11 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: 12/7/18 4:58 AM End Date/Time: 12/7/18 5:50 AM

Sampler/Relinquished By: Jawon Couch Received at Martel by: [Signature] Date/Time: 12/7/18 9:30 AM

**Bodkin ES (2082) Martel No. 40088**

**8320 Ventnor Rd, Lake Shore, 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 C or NC?	Time/notes
1	Main Office Bathroom (BR)	Hand Sink (HS)	BS	NC	4:58
2	Health Room	HS	NO	C	↓
3	Health Room-BR	HS	BS	NC	↓
4	Lobby Girls BR	HS-Left (L)	BS	NC	5:00
5	Lobby Girls BR	HS-Right (R.)	BS	NC	↓
6	Teachers Lounge Men's BR	HS	BS	NC	↓
7	Teachers Lounge Women's BR	HS	BS	NC	↓
8	Teachers Lounge	HS	TL	C	↓
<del>9</del>	<del>Guidance</del>	<del>Bubbler (B)</del>	<del>DF</del>	<del>C</del>	<del>N. WP</del>
10	Guidance	HS	OT	NC	↓
<del>11</del>	<del>Speech</del>	<del>B</del>	<del>DF</del>	<del>C</del>	<del>N. WP</del>
12	Speech	HS	OT	NC	↓
13	Staff BR (next to 24)	HS	BS	NC	5:05
14	Hall Fountain (next to 24)	Drinking Fountain (DF)	DF	C	↓
15	Boys BR (next to 23)	HS-L	BS	NC	↓
16	Boys BR (next to 23)	HS-Center (C.)	BS	NC	↓
17	Boys BR (next to 23)	HS-R	BS	NC	↓
18	Girls BR (next to 20)	HS-L	BS	NC	↓
19	Girls BR (next to 20)	HS-C	BS	NC	↓
20	Girls BR (next to 20)	HS-R	BS	NC	↓
<del>21</del>	<del>20</del>	<del>B-L</del>	<del>DF</del>	<del>C</del>	<del>N. WP</del>
22	20	B-R	DF	C	5:15
23	20	HS	CR	NC	↓
24	Staff BR (next to 16)	HS	BS	NC	↓
25	Hall Fountain (next to 16)	DF	DF	C	↓

**Bodkin ES (2082) Martel No. 40088**

**8320 Ventnor Rd, Lake Shore, MD 21122**

26	Boys BR (next to 15)	HS-L	BS	NC	5:20
27	Boys BR (next to 15)	HS-C	BS	NC	↓
28	Boys BR (next to 15)	HS-R	BS	NC	
29	Girls BR (next to 12)	HS-L	BS	NC	
30	Girls BR (next to 12)	HS-C	BS	NC	
31	Girls BR (next to 12)	HS-R	BS	NC	
32	28	B	DF	C	
33	28	HS	CR	NC	
34	28-BR	HS	BS	NC	
35	29	B	DF	C	
36	29	HS	CR	NC	
37	29-BR	HS	BS	NC	
38	30	B	DF	C	
39	30	HS	CR	NC	
40	30-BR	HS	BS	NC	
41	31	B	DF	C	
42	31	HS	CR	NC	↓
43	31-BR	HS	BS	NC	
44	Staff BR (next to 8)	HS	BS	NC	
45	Hall Fountain (next to 8)	DF	DF	C	
46	Boys BR (next to 7)	HS-L	BS	NC	
47	Boys BR (next to 7)	HS-C	BS	NC	
48	Boys BR (next to 7)	HS-R	BS	NC	
49	Girls BR (next to 4)	HS-L	BS	NC	
50	Girls BR (next to 4)	HS-C	BS	NC	
51	Girls BR (next to 4)	HS-R	BS	NC	
52	4	B	DF	C	
53	4	HS	CR	NC	
54	Art	HS-L	OT	NC	5:38
55	Art	HS-R	OT	NC	↓
<del>56</del>	<del>Global Studies</del>	<del>B</del>	<del>DF</del>	<del>C</del>	
57	Global Studies	HS	OT	NC	↓
58	Global Studies-BR	HS	BS	NC	
59	CPU Lab-BR	HS	BS	NC	
60	Lobby Boys BR	HS-L	BS	NC	
61	Lobby Boys BR	HS-R	BS	NC	

**Bodkin ES (2082) Martel No. 40088**

**8320 Ventnor Rd, Lake Shore, MD 21122**

62	Kitchen-Bucket Sink (outside office)	Sink	KS	C	5:40
63	Kitchen Sink (across from dual sink)	HS	KS	NC	↓
64	Kitchen Dual Sink	Sink	KS	C	
65	Kitchen Tri-Sink	Sink-L	KS	C	
66	Kitchen Tri-Sink	Sink-R	KS	C	
67	Kitchen BR	HS	BS	NC	
68	Gym Office-BR	HS	BS	NC	
69	Gym Boys BR	HS	BS	NC	
70	Gym Girls BR	HS	BS	NC	