

# Lead in Drinking Water – Public and Nonpublic Schools

## **IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S)** **Hillsmere 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 2, 2018, **eighty-five (85)** lead water samples were collected from **Hillsmere 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 Hillsmere Elementary School were as follows:

Sample Number 000005-111 Hand Sink-Left: 25.1 ppb (non-consumable).

Sample Number 000028-108 Hand Sink: 41.3 ppb (non-consumable).

Sample Number 000056-125-Hand Sink: 29.5 ppb (non-consumable).

Sample Number 000060-125 Art Window Side Gooseneck-Left: 23.3 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 goosenecks and hand sinks will be posted with green signage indicating “Hand Washing Only” and retested.

## **NEXT STEPS**

1. All four (4) non-consumable water source plumbing fixtures will be replaced and retested in accordance with the regulations.

## **TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:**

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

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

## **ADDITIONAL INFORMATION**

1. For additional information, please contact Chris Williams, Environmental Issues Program Manager, at 410-360-0138. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA’s website at [www.epa.gov/lead](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, October 22, 2018

Pasadena, MD 21122

**Attention: Chris Williams**

Report for Lab No: 40044.

Hillsmere ES (4192)

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

P.O. Number: PO 9212

Sampling by Martel personnel on October 2, 2018.

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

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40044	000001	Principals Bathroom (BR) Hand Sink (HS) [BS--NC]					10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	2.91	ug/l	EPA .200.8	2	10/09/2018 21:02 BJ		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40044	000002	Health Room BR HS [BS--NC]					10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:10 BJ		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40044	000003	Health Room BR HS [BS--NC]					10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:12 BJ		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40044	000004	Teachers Lounge BR HS [BS--NC]					10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:15 BJ		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40044	000005	111 HS-Left (L) [TL--C]					10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	25.1	ug/l*	EPA .200.8	2	10/18/2018 22:52 BJ		
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40044	000006	111 Bubbler (B) [DF--C]					10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000006	111 Bubbler (B) [DF--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.12	ug/l	EPA .200.8	2	10/09/2018 21:17 BJ
40044	000007	111 HS-Right (R.) [TL--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:20 BJ
40044	000008	111- BR HS [BS--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	/ /
40044	000009	112 HS [CR--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:22 BJ
40044	000010	112 B [DF--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:25 BJ
40044	000011	112-BR HS [BS--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	/ /
40044	000012	101 HS [CR--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:35 BJ
40044	000013	101 B [DF--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:40 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40044 000014	101-BR HS [BS--NC]	10/02/2018 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			
40044 000015	102 HS [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:43 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40044 000016	102 B [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:45 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40044 000017	102-BR HS [BS--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.90	ug/l	EPA .200.8	2	10/09/2018 21:48 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40044 000018	103 HS [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:50 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40044 000019	103 B [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 21:53 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40044 000020	104 HS [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.88	ug/l	EPA .200.8	2	10/09/2018 21:55 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40044 000021	104 B [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 11:17 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000022	105 HS [CR--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 11:30 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000023	105 B [DF--C]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 11:32 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000024	106 HS [CR--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 11:35 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000025	106 B [DF--C]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 11:37 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000026	107 HS [CR--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.78	ug/l	EPA .200.8	2	10/10/2018 11:40 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000027	107 B [DF--C]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 11:42 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000028	108 HS [CR--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	41.3	ug/l*	EPA .200.8	2	10/10/2018 11:45 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000029	108 B [DF--C]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.42	ug/l	EPA .200.8	2	10/10/2018 11:47 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000030	109 HS	[CR--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 11:50 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000031	109 B	[DF--C]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.49	ug/l	EPA .200.8	2	10/10/2018 12:00 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000032	110 HS	[CR--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 12:05 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000033	110 B	[DF--C]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.38	ug/l	EPA .200.8	2	10/10/2018 12:08 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000034	Girls (across from room 105) HS-L	[BS--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.61	ug/l	EPA .200.8	2	10/10/2018 12:10 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000035	Girls (across from room 105) HS-Center (C.)	[BS--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 12:13 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000036	Girls (across from room 105) HS-R	[BS--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 12:15 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000037	Fountain (across from room 105) Drinking Fountain (DF)	[DF]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 12:18 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000038	Boys BR(across form Room 104) HS-L [BS--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 12:20 BJ	
40044	000039	Boys BR(across form Room 104) HS-C [BS--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 12:23 BJ	
40044	000040	Boys BR(across form Room 104) HS-R [BS--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 12:25 BJ	
40044	000041	Media Center Office HS [OT--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	4.26	ug/l	EPA .200.8	2	10/09/2018 23:15 BJ	
40044	000042	Media Center Office B [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	11.7	ug/l	EPA .200.8	2	10/09/2018 23:23 BJ	
40044	000043	Faculty BR Women's HS [BS--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:25 BJ	
40044	000044	Fountain (across from stage door) DF [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:28 BJ	
40044	000045	Faculty BR Men's HS [BS--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:30 BJ	





MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000046	120 HS	[CR--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.92	ug/l	EPA .200.8	2	10/09/2018 23:33 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000047	120 B	[DF--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.15	ug/l	EPA .200.8	2	10/09/2018 23:35 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000048	121 HS	[CR--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:38 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000049	121 B	[DF--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:40 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000050	122 HS	[CR--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:43 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000051	122 B	[DF--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:53 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000052	123 HS	[CR--NC]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/09/2018 23:58 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000053	123 B	[DF--C]			10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:01 BJ



MARTEL NO. 40044      000054      124 HS [CR--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:03 BJ

MARTEL NO. 40044      000055      124 B [DF--C]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.15	ug/l	EPA .200.8	2	10/10/2018 00:06 BJ

MARTEL NO. 40044      000056      125 HS [CR--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	29.5	ug/l*	EPA .200.8	2	10/10/2018 00:09 BJ

MARTEL NO. 40044      000057      125 Art Door side-Gooseneck(GN)-L [CR--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.26	ug/l	EPA .200.8	2	10/10/2018 00:11 BJ

MARTEL NO. 40044      000058      125 Art Door side-GN-C [CR--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.47	ug/l	EPA .200.8	2	10/10/2018 00:14 BJ

MARTEL NO. 40044      000059      125 Art Door side-GN-R [CR--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.53	ug/l	EPA .200.8	2	10/10/2018 00:16 BJ

MARTEL NO. 40044      000060      125 Art Window side-GN-L [CR--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	23.3	ug/l*	EPA .200.8	2	10/10/2018 00:19 BJ

MARTEL NO. 40044      000061      125 Art Window side-GN-C [CR--NC]      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 10/02/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:27 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000062	125 Art Window side-GN-R [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	14.1	ug/l	EPA .200.8	2	10/10/2018 00:34 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000063	113 HS [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:37 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000064	113 B [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:40 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000065	114 HS [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:42 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000066	114 B [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:45 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000067	115 HS [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:47 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000068	115 B [DF--C]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	4.80	ug/l	EPA .200.8	2	10/10/2018 00:50 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40044	000069	116 HS [CR--NC]	10/02/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:52 BJ	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000070	116 B	[DF--C]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 00:55 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000071	117 HS	[CR--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:05 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000072	117 B	[DF--C]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:10 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000073	Boys BR (across from Room 120) HS-L	[BS--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.65	ug/l	EPA .200.8	2	10/10/2018 01:13 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000074	Boys BR (across from Room 120) HS-Left Center	[BS--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:15 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000075	Boys BR (across from Room 120) HS- Right Center	[BS--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:18 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000076	Boys BR (across from Room 120) HS-R	[BS--NC]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:21 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044	000077	Fountain (outside Boys BR) DF	[DF--C]		10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.66	ug/l	EPA .200.8	2	10/10/2018 01:23 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000078	Girls BR (across from Room 119) HS-L [BS--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:26 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000079	Girls BR (across from Room 119) HS-Left Center [BS--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:28 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000080	Girls BR (across from Room 119) HS-C [BS--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:31 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000081	Girls BR (across from Room 119) HS-Right Center [BS--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.49	ug/l	EPA .200.8	2	10/10/2018 01:39 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000082	Girls BR (across from Room 119) HS-R [BS--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.87	ug/l	EPA .200.8	2	10/10/2018 01:47 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000083	Café Fountain DF [DF--C]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:49 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000084	Kitchen BR HS [BS--NC]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	11.1	ug/l	EPA .200.8	2	10/10/2018 01:52 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40044 000085	Kitchen Dual Sink GN [KS--C]				10/02/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:54 BJ



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40044	000086	Kitchen Tri-Sink GN-L [KS--C]				10/02/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:57 BJ		

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40044	000087	Kitchen Tri-Sink GN-C [KS--C]				10/02/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	<2	ug/l	EPA .200.8	2	10/10/2018 01:59 BJ		

MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
40044	000088	Kitchen Tri-Sink GN-R [KS--C]				10/02/2018 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	
40044	000089	Kitchen sink (porcelain) HS [KS--NC]				10/02/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial		
Lead	5.58	ug/l	EPA .200.8	2	10/10/2018 02:02 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: 10-2 5:00a End Date/Time: 10-2 6:00a

Sampler/Relinquished By:  Received at Martel by  Date/Time: 10-2 11:40a

**Hillsmere ES ( 4192) Martel No. 40044**

**3052 Arundel on the Bay Rd Annapolis, MD 21403**

**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	Principals Bathroom (BR)	Hand Sink (HS)	BS	NC	
2	Health Room BR	HS	BS	NC	
3	Health Room BR	HS	BS	NC	
4	Teachers Lounge BR	HS	BS	NC	
5	111	HS-Left (L)	TL	C	
6	111	Bubbler (B)	DF	C	
7	111	HS-Right (R.)	TL	C	
8	111- BR	HS	BS	NC	NA
9	112	HS	CR	NC	
10	112	B	DF	C	
11	112-BR	HS	BS	NC	NA
12	101	HS	CR	NC	
13	101	B	DF	C	
14	101-BR	HS	BS	NC	NA
15	102	HS	CR	NC	
16	102	B	DF	C	
17	102-BR	HS	BS	NC	
18	103	HS	CR	NC	
19	103	B	DF	C	
20	104	HS	CR	NC	
21	104	B	DF	C	
22	105	HS	CR	NC	
23	105	B	DF	C	
24	106	HS	CR	NC	
25	106	B	DF	C	

**Hillsmere ES ( 4192) Martel No. 40044**

**3052 Arundel on the Bay Rd Annapolis, MD 21403**

26	107	HS	CR	NC
27	107	B	DF	C
28	108	HS	CR	NC
29	108	B	DF	C
30	109	HS	CR	NC
31	109	B	DF	C
32	110	HS	CR	NC
33	110	B	DF	C
34	Girls (across from room 105)	HS-L	BS	NC
35	Girls (across from room 105)	HS-Center (C.)	BS	NC
36	Girls (across from room 105)	HS-R	BS	NC
37	Fountain (across from room 105)	Drinking Fountain (DF)	DF	C
38	Boys BR(across form Room 104)	HS-L	BS	NC
39	Boys BR(across form Room 104)	HS-C	BS	NC
40	Boys BR(across form Room 104)	HS-R	BS	NC
41	Media Center Office	HS	OT	NC
42	Media Center Office	B	DF	C
43	Faculty BR Women's	HS	BS	NC
44	Fountain (across from stage door)	DF	DF	C
45	Faculty BR Men's	HS	BS	NC
46	120	HS	CR	NC
47	120	B	DF	C
48	121	HS	CR	NC
49	121	B	DF	C
50	122	HS	CR	NC
51	122	B	DF	C
52	123	HS	CR	NC
53	123	B	DF	C
54	124	HS	CR	NC
55	124	B	DF	C
56	125	HS	CR	NC
57	125 Art	Door side-Gooseneck(GN)-L	CR	NC
58	125 Art	Door side-GN-C	CR	NC
59	125 Art	Door side-GN-R	CR	NC
60	125 Art	Window side-GN-L	CR	NC
61	125 Art	Window side-GN-C	CR	NC



Hillsmere ES ( 4192) Martel No. 40044

3052 Arundel on the Bay Rd Annapolis, MD 21403

62	125 Art	Window side-GN-R	CR	NC	
63	113	HS	CR	NC	
64	113	B	DF	C	
65	114	HS	CR	NC	
66	114	B	DF	C	
67	115	HS	CR	NC	
68	115	B	DF	C	
69	116	HS	CR	NC	
70	116	B	DF	C	
71	117	HS	CR	NC	
72	117	B	DF	C	
73	Boys BR (across from Room 120)	HS-L	BS	NC	
74	Boys BR (across from Room 120)	HS-Left Center	BS	NC	
75	Boys BR (across from Room 120)	HS- Right Center	BS	NC	
76	Boys BR (across from Room 120)	HS-R	BS	NC	
77	Fountain (outside Boys BR)	DF	DF	C	
78	Girls BR (across from Room 119)	HS-L	BS	NC	
79	Girls BR (across from Room 119)	HS-Left Center	BS	NC	
80	Girls BR (across from Room 119)	HS-C	BS	NC	
81	Girls BR (across from Room 119)	HS-Right Center	BS	NC	
82	Girls BR (across from Room 119)	HS-R	BS	NC	
83	Café Fountain	DF	DF	C	
84	Kitchen BR	HS	BS	NC	
85	Kitchen Dual Sink	GN	KS	C	
86	Kitchen Tri-Sink	GN-L	KS	C	
87	Kitchen Tri-Sink	GN-C	KS	C	
88	Kitchen Tri-Sink	GN-R	KS	C	NW
89	Kitchen sink (porcelain)	HS	KS	NC	