

# Lead in Drinking Water – Public and Nonpublic Schools

## **IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S)** **George Cromwell 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 April 5, 2018, **eighty (80)** lead water samples were collected from **George Cromwell 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 results from the sample(s) collected at George Cromwell Elementary School were as follows:

Sample No.000001-22.9 ppb: Principal's Office Hand Sink (non-consumable).

Sample No.000008-23.7 ppb: Room 112 Bathroom Hand Sink (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. The bathroom hand sinks will not be used for drinking and are posted with a green sign indicating "Hand Washing Only".
2. The outside hose bibbs are shut off with keyed access only and posted with red signage indicating "Do Not Use for Drinking".

## **NEXT STEPS**

1. The bathroom hand sink plumbing fixtures will be replaced.
2. The outside hose bibbs will not be used for drinking water consumption and are shut off with keyed access only and posted with permanent red signage.

## **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, May 21, 2018

Pasadena, CA 21222

**Attention: Chris Williams**

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

*Report for Lab No: 40007.*

*George Cromwell ES (1112) Report for Lab No. 40007*

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

*P.O. Number: PO 9212*

*Sampling by Martel personnel on April 5, 2018, Lauren Couch.*

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40007	000001	Principals Office Hand Sink					04/05/2018 05:00
Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			22.9	ug/l*	EPA 200.8	2	05/17/2018 14:06 CSG
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40007	000002	Health Room Hand Sink					04/05/2018 05:00
Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA 200.8	2	05/17/2018 14:18 CSG
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40007	000003	Health Room Eye Wash					04/05/2018 05:00
Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA 200.8	2	05/17/2018 14:21 CSG
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40007	000004	Teachers Lounge Hand Sink					04/05/2018 05:00
Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			<2	ug/l	EPA 200.8	2	05/17/2018 14:23 CSG
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40007	000005	111 Bathroom Hand Sink					04/05/2018 05:00
Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead			11.1	ug/l	EPA 200.8	2	05/17/2018 14:26 CSG
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
40007	000006	111 Gooseneck					04/05/2018 05:00
Compound			Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial



MARTEL NO. 40007      000006      111 Gooseneck      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 14:28 CSG

MARTEL NO. 40007      000007      111 Bubbler      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 14:31 CSG

MARTEL NO. 40007      000008      112 Bathroom Hand Sink      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	23.7	ug/l*	EPA 200.8	2	05/17/2018 14:33 CSG

MARTEL NO. 40007      000009      112 Gooseneck      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.98	ug/l	EPA 200.8	2	05/17/2018 14:36 CSG

MARTEL NO. 40007      000010      112 Bubbler      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.17	ug/l	EPA 200.8	2	05/17/2018 14:38 CSG

MARTEL NO. 40007      000011      101 Bathroom Hand Sink      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.81	ug/l	EPA 200.8	2	05/17/2018 14:49 CSG

MARTEL NO. 40007      000012      101 Gooseneck      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 14:54 CSG

MARTEL NO. 40007      000013      101 Bubbler      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 14:56 CSG



MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000014      102 Bathroom Hand Sink      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.91	ug/l	EPA 200.8	2	05/17/2018 14:59 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000015      102 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:01 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000016      102 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.48	ug/l	EPA 200.8	2	05/17/2018 15:04 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000017      103 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.38	ug/l	EPA 200.8	2	05/17/2018 15:06 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000018      103 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:09 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000019      104 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	14.0	ug/l	EPA 200.8	2	05/17/2018 15:11 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000020      104 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.23	ug/l	EPA 200.8	2	05/17/2018 15:13 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000021      105 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.72	ug/l	EPA 200.8	2	05/17/2018 15:21 CSG



MARTEL NO. 40007      000022      105 Bubblers      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:29 CSG

MARTEL NO. 40007      000023      106 Gooseneck      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:31 CSG

MARTEL NO. 40007      000024      106 Bubblers      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.80	ug/l	EPA 200.8	2	05/17/2018 15:34 CSG

MARTEL NO. 40007      000025      108 Gooseneck      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:36 CSG

MARTEL NO. 40007      000026      108 Bubblers      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:39 CSG

MARTEL NO. 40007      000027      109 Gooseneck      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:41 CSG

MARTEL NO. 40007      000028      109 Bubblers      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:44 CSG

MARTEL NO. 40007      000029      110 Gooseneck      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:46 CSG



MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000030      110 Bubblers      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:49 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000031      Girls Bathroom (next to room 110) Hand Sink (LEFT)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 15:58 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000032      Girls Bathroom (next to room 110) Hand Sink (CENTER)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:03 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000033      Girls Bathroom (next to room 110) Hand Sink (RIGHT)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:06 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000034      Hallway Fountain (next to room 110) Water Fountain      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:08 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000035      Custodial Closet (next to room 110) Slop Sink      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:11 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000036      Boys Bathroom (next to room 110) Hand Sink (LEFT)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	9.39	ug/l	EPA 200.8	2	05/17/2018 16:13 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000037      Boys Bathroom (next to room 110) Hand Sink (CENTER)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:16 CSG



MARTEL NO. 40007      000038      CLIENT SAMPLE IDENTIFICATION Boys Bathroom (next to room 110) Hand Sink (RIGHT)      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:18 CSG

MARTEL NO. 40007      000039      CLIENT SAMPLE IDENTIFICATION Media Center Hand Sink      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:21 CSG

MARTEL NO. 40007      000040      CLIENT SAMPLE IDENTIFICATION Adult Bathroom (main hallway) Hand Sink      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:23 CSG

MARTEL NO. 40007      000041      CLIENT SAMPLE IDENTIFICATION Main hallway fountain (next to adult bathroom) Water Fountain      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:31 CSG

MARTEL NO. 40007      000042      CLIENT SAMPLE IDENTIFICATION 114 Art Room Gooseneck      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.46	ug/l	EPA 200.8	2	05/17/2018 16:38 CSG

MARTEL NO. 40007      000043      CLIENT SAMPLE IDENTIFICATION 114 Art Room Bubbler      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:41 CSG

MARTEL NO. 40007      000044      CLIENT SAMPLE IDENTIFICATION 115 Gooseneck      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:43 CSG

MARTEL NO. 40007      000045      CLIENT SAMPLE IDENTIFICATION 115 Bubbler      Sample Date/Time 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:46 CSG





MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000046      116 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:48 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000047      116 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:51 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000048      117 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:53 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000049      117 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:56 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000050      118 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 16:58 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000051      118 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:08 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000052      119 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:13 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000053      119 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:15 CSG



MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000054      121 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:18 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000055      121 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:20 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000056      122 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:23 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000057      122 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:25 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000058      123 Gooseneck      04/05/2018 05:00

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

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000059      123 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:30 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000060      124 Gooseneck      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:33 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
000061      124 Bubbler      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:41 CSG



MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000062      Boys Bathroom (next to room 124) Hand Sink (RIGHT)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.45	ug/l	EPA 200.8	2	05/17/2018 17:48 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000063      Boys Bathroom (next to room 124) Hand Sink (RIGHT)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:51 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000064      Boys Bathroom (next to room 124) Hand Sink (CENTER)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.63	ug/l	EPA 200.8	2	05/17/2018 17:53 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000065      Boys Bathroom (next to room 124) Hand Sink (LEFT CENTER)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:56 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000066      Boys Bathroom (next to room 124) Hand Sink (LEFT)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 17:58 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000067      Fountain (next to room 124) Water Fountain      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:01 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000068      Custodial Closet (next to room 124) Slop Sink      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:03 CSG

MARTEL NO. 40007      CLIENT SAMPLE IDENTIFICATION      Sample Date/Time  
 000069      Girls Bathroom (next to room 124) Hand Sink (LEFT)      04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:06 CSG



MARTEL NO. 40007      000070      CLIENT SAMPLE IDENTIFICATION: Girls Bathroom (next to room 124) Hand Sink (LEFT CENTER)      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.19	ug/l	EPA 200.8	2	05/17/2018 18:08 CSG

MARTEL NO. 40007      000071      CLIENT SAMPLE IDENTIFICATION: Girls Bathroom (next to room 124) Hand Sink (CENTER)      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:18 CSG

MARTEL NO. 40007      000072      CLIENT SAMPLE IDENTIFICATION: Girls Bathroom (next to room 124) Hand Sink (RIGHT)      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.83	ug/l	EPA 200.8	2	05/17/2018 18:23 CSG

MARTEL NO. 40007      000073      CLIENT SAMPLE IDENTIFICATION: Girls Bathroom (next to room 124) Hand Sink (RIGHT)      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:26 CSG

MARTEL NO. 40007      000074      CLIENT SAMPLE IDENTIFICATION: Cafeteria Water Fountain      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:28 CSG

MARTEL NO. 40007      000075      CLIENT SAMPLE IDENTIFICATION: Kitchen Bathroom Hand Sink      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.10	ug/l	EPA 200.8	2	05/17/2018 18:31 CSG

MARTEL NO. 40007      000076      CLIENT SAMPLE IDENTIFICATION: Kitchen Slop Sink      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	12.9	ug/l	EPA 200.8	2	05/17/2018 18:33 CSG

MARTEL NO. 40007      000077      CLIENT SAMPLE IDENTIFICATION: Kitchen Tri-Sink Sink (LEFT)      Sample Date/Time: 04/05/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:36 CSG



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40007	000078	Kitchen Tri-Sink Sink (CENTER)	04/05/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:38 CSG	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40007	000079	Kitchen Tri-Sink Sink (RIGHT)	04/05/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA 200.8	2	05/17/2018 18:41 CSG	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40007	000080	Kitchen Hand Sink	04/05/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	10.7	ug/l	EPA 200.8	2	05/17/2018 18:43 CSG	

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

stddl.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.

\* result exceeds 20.5 ug/l (ppb).

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

Sample Date/Start Time: 4-5-18 5:05 AM

End time: 6:15 AM

Bottle Type/Preservative: 250 ml plastic/HNO3

Analysis: Lead (EPA 200.8)

Samples preserved properly Yes or No

NOTES:

Sampled/Relinquished by: LC

Received at Martel by: [Signature]

Date/Time: 4/5/18 0800 AM [Signature]

**George Cromwell ES (1112) MARTEL NO. 40007**

**525 Wellham Avenue, Glen Burnie, MD 21061**

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

Sample #	Room #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)
1	Principals Office	Hand Sink
2	Health Room	Hand Sink
3	Health Room	Eye Wash
4	Teachers Lounge	Hand Sink
5	111 Bathroom	Hand Sink
6	111	Gooseneck
7	111	Bubbler
8	112 Bathroom	Hand Sink
9	112	Gooseneck
10	112	Bubbler
11	101 Bathroom	Hand Sink
12	101	Gooseneck
13	101	Bubbler
14	102 Bathroom	Hand Sink
15	102	Gooseneck
16	102	Bubbler
17	103	Gooseneck
18	103	Bubbler
19	104	Gooseneck
20	104	Bubbler
21	105	Gooseneck
22	105	Bubbler
23	106	Gooseneck
24	106	Bubbler
25	108	Gooseneck
26	108	Bubbler
27	109	Gooseneck
28	109	Bubbler
29	110	Gooseneck
30	110	Bubbler
31	Girls Bathroom (next to room 110)	Hand Sink (LEFT)
32	Girls Bathroom (next to room 110)	Hand Sink (CENTER)

**George Cromwell ES (1112) MARTEL NO. 40007**

**525 Wellham Avenue, Glen Burnie, MD 21061**

33	Girls Bathroom (next to room 110)	Hand Sink (RIGHT)
34	Hallway Fountain (next to room 110)	Water Fountain
35	Custodial Closet (next to room 110)	Slop Sink
36	Boys Bathroom (next to room 110)	Hand Sink (LEFT)
37	Boys Bathroom (next to room 110)	Hand Sink (CENTER)
38	Boys Bathroom (next to room 110)	Hand Sink (RIGHT)
39	Media Center	Hand Sink & bubbler
40	Adult Bathroom (main hallway)	Hand Sink
41	Main hallway fountain (next to adult bathroom)	Water Fountain
42	114 Art Room	Gooseneck
43	114 Art Room	Bubbler
44	115	Gooseneck
45	115	Bubbler
46	116	Gooseneck
47	116	Bubbler
48	117	Gooseneck
49	117	Bubbler
50	118	Gooseneck
51	118	Bubbler
52	119	Gooseneck
53	119	Bubbler
54	121	Gooseneck
55	121	Bubbler
56	122	Gooseneck
57	122	Bubbler
58	123	Gooseneck
59	123	Bubbler
60	124	Gooseneck
61	124	Bubbler
62	Boys Bathroom (next to room 124)	Hand Sink (RIGHT)
63	Boys Bathroom (next to room 124)	Hand Sink (RIGHT CENTER)
64	Boys Bathroom (next to room 124)	Hand Sink (CENTER)
65	Boys Bathroom (next to room 124)	Hand Sink (LEFT CENTER)
66	Boys Bathroom (next to room 124)	Hand Sink (LEFT)
67	Fountain (next to room 124)	Water Fountain
68	Custodial Closet (next to room 124)	Slop Sink
69	Girls Bathroom (next to room 124)	Hand Sink (LEFT)
70	Girls Bathroom (next to room 124)	Hand Sink (LEFT CENTER)
71	Girls Bathroom (next to room 124)	Hand Sink (CENTER)
72	Girls Bathroom (next to room 124)	Hand Sink (RIGHT CENTER)
73	Girls Bathroom (next to room 124)	Hand Sink (RIGHT)
74	Cafeteria	Water Fountain
75	Kitchen Bathroom	Hand Sink
76	Kitchen	Slop Sink

**George Cromwell ES (1112) MARTEL NO. 40007**

**525 Wellham Avenue, Glen Burnie, MD 21061**

77	Kitchen Tri-Sink	Sink (LEFT)	
78	Kitchen Tri-Sink	Sink (CENTER)	
79	Kitchen Tri-Sink	Sink (RIGHT)	
80	Kitchen	Hand Sink	
81	Outside (see map)	Hose Bibb	Not functional
82	Outside (see map)	Hose Bibb	Not functional
83	Outside (see map)	Hose Bibb	
84	Outside (see map)	Hose Bibb	↓
85	Outside (see map)	Hose Bibb	Construction
86	Outside (see map)	Hose Bibb	Fence in way
87	Outside (see map)	Hose Bibb	Not functional