

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Annapolis 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 September 27, 2018, **one hundred three (103)** lead water samples were collected from **Annapolis Elementary School**. Of these lead water samples, none (0) had levels of lead exceeding the action level of 20 parts per billion (ppb) for lead in drinking water in school buildings.

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. Since there were no samples of consumable and non-consumable water samples above the action level, no further action is required.

NEXT STEPS

1. The school will be resampled every three years in accordance with State 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

Monday, October 8, 2018

Pasadena, MD 21122

Attention: Chris Williams

Report for Lab No: 40042.

Annapolis ES (4092)

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

P.O. Number: PO 9212

Sampling by Martel personnel on September 27, 2018. Lauren Couch.

Certificate of Analysis
FINAL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40042 000001	101 A Work Room Hand sink [OT--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 09:00 BJ
40042 000002	101 A Work Room - Bathroom (BR) Hand sink [BS--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 09:13 BJ
40042 000003	101 E Conference Room Hand sink [OT--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 09:15 BJ
40042 000004	Fountain (Next to 102A Storage) Drinking Fountain [DF--C]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 09:18 BJ
40042 000005	113 Hand sink [CR--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 09:20 BJ
40042 000006	113 Bubblers [CR--C]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
40042 000006 113 Bubbler [CR--C]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:23 BJ
40042 000007 115 Hand sink [CR--NC]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:25 BJ
40042 000008 115 Bubbler [CR--C]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:28 BJ
40042 000009 117 Hand sink [CR--NC]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:30 BJ
40042 000010 117 Bubbler [CR--C]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:33 BJ
40042 000011 Teacher's Lounge Hand sink [TL--C]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:43 BJ
40042 000012 Bathroom- Next to teacher's lounge Hand sink [BS--NC]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:48 BJ
40042 000013 123 Hand sink [CR--NC]		09/27/2018 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:51 BJ



MARTEL NO. 40042 000014 123 Bubbler CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:53 BJ

MARTEL NO. 40042 000015 122 Hand sink CLIENT SAMPLE IDENTIFICATION [CR--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:56 BJ

MARTEL NO. 40042 000016 122 Bubbler CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 09:58 BJ

MARTEL NO. 40042 000017 120 Hand sink CLIENT SAMPLE IDENTIFICATION [CR--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:01 BJ

MARTEL NO. 40042 000018 120 Bubbler CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:04 BJ

MARTEL NO. 40042 000019 Girls (outside Room 120) Hand sink Left CLIENT SAMPLE IDENTIFICATION [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:06 BJ

MARTEL NO. 40042 000020 Girls (outside Room 120) Hand sink Right CLIENT SAMPLE IDENTIFICATION [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	11

MARTEL NO. 40042 000021 Hall Fountain Drinking Fountain CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:14 BJ



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000022	Boys (outside Room 120) Hand sink Left [BS--NC]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	/ /
40042	000023	Boys (outside Room 120) Hand sink Right [BS--NC]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:21 BJ
40042	000024	114 Hand sink [CR--NC]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:24 BJ
40042	000025	114 Bubbler [DF--C]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:26 BJ
40042	000026	Girls (across from Room 109) Hand sink Left [BS--NC]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 23:55 BJ
40042	000027	Girls (across from Room 109) Hand sink Center [BS--NC]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:31 BJ
40042	000028	Girls (across from Room 109) Hand sink Right [BS--NC]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:34 BJ
40042	000029	Boys (across from Room 109) Hand sink Left [BS--NC]			09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 10:36 BJ



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40042 000030	Boys (across from Room 109) Hand sink Center [BS--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 10:39 BJ
40042 000031	Boys (across from Room 109) Hand sink Right [BS--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 10:49 BJ
40042 000032	112 Hand sink [CR--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 10:54 BJ
40042 000033	112 Bubbler [DF--C]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 10:56 BJ
40042 000034	111 Science Lab Hand sink Left [OT--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 10:59 BJ
40042 000035	112 Science Lab Hand sink Right [OT--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 11:01 BJ
40042 000036	109 Hand sink [CR--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 11:04 BJ
40042 000037	109 Bubbler [DF--C]	09/27/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	10/05/2018 11:06 BJ



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000038	107 Health Hand sink [NO--C]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:09 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000039	107C Health Exam Hand sink [NO--C]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:11 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000040	107 Health bathroom Hand sink [BS--C]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:14 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000041	105 Hand sink [CR--NC]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:21 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000042	105 Bubbler [DF--C]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:29 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000043	201 Hand sink [CR--NC]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:31 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000044	201 Bubbler [DF--C]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:34 BJ
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
40042	000045	203 Hand sink [CR--NC]		09/27/2018 05:00	
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 11:37 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000046	203 Bubbler	[DF--C]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 11:39 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000047	Adult Toilet - Right Hand sink	[BS--NC]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 11:42 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000048	Adult Toilet - Left Hand sink	[BS--NC]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 11:44 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000049	207 Hand sink	[CR--NC]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 11:47 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000050	207 Bubbler	[DF--C]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 11:49 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000051	209 Hand sink	[CR--NC]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 11:59 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000052	209 Bubbler	[DF--C]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 12:04 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
40042	000053	212 Hand sink	[CR--NC]	09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				10/05/2018 12:07 BJ



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MARTEL NO. 40042 000054 212 Bubbler CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:09 BJ

MARTEL NO. 40042 000055 Hall fountain (outside media) Drinking Fountain CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:12 BJ

MARTEL NO. 40042 000056 Boy's Bathroom (outside 219 electrical closet) Hand sink Le CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:14 BJ

MARTEL NO. 40042 000057 Boy's Bathroom (outside 219 electrical closet) Hand sink Ri CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:17 BJ

MARTEL NO. 40042 000058 Girl's bathroom(outside 219 electrical closet) Hand sink Le CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:19 BJ

MARTEL NO. 40042 000059 Girl's bathroom(outside 219 electrical closet) Hank sink Ri CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:22 BJ

MARTEL NO. 40042 000060 218 Art Lab Hand sink by Kiln CLIENT SAMPLE IDENTIFICATION [OT--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:24 BJ

MARTEL NO. 40042 000061 218 Art Lab Hand sink by Art Storage 218B CLIENT SAMPLE IDENTIFICATION [OT--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 12:32 BJ



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40042 000062	217B Media Workroom Hand sink [OT--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:40 BJ
40042 000063	211 Hand sink [CR--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:42 BJ
40042 000064	211 Bubbler [DF--C]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:45 BJ
40042 000065	1 Hand sink [CR--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:47 BJ
40042 000066	1 Bubbler [DF--C]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:50 BJ
40042 000067	3 Hand sink [CR--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:52 BJ
40042 000068	3 Bubbler [DF--C]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:55 BJ
40042 000069	7 Hand sink [CR--NC]	09/27/2018 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 10/05/2018 12:57 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000070	7 Bubblers [DF--C]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:00 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000071	9 Hand sink [CR--NC]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:10 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000072	9 Bubblers [DF--C]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:15 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000073	Adult Toilet (across from 009) - Right Hand sink [BS--NC]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:18 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000074	Adult Toilet (across from 005) - Left Hand sink [BS--NC]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:20 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000075	Kitchen sink (left of tri-sink) Hand sink [KS--NC]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:23 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000076	Kitchen Tri-sink Hand sink Left [KS--C]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:25 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time		
40042	000077	Kitchen Tri-sink Hand sink Right [KS--C]				09/27/2018 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:28 BJ	



MARTEL NO. 40042 000078 CLIENT SAMPLE IDENTIFICATION Kitchen Sink (Right of 011B Storage) Hand sink [KS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.04	ug/l	EPA .200.8	2	10/05/2018 13:30 BJ

MARTEL NO. 40042 000079 CLIENT SAMPLE IDENTIFICATION Kitchen Sink (Behind serving line) Hand sink [KS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:33 BJ

MARTEL NO. 40042 000080 CLIENT SAMPLE IDENTIFICATION Kitchen sink (next to walk in) Hand sink [KS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.46	ug/l	EPA .200.8	2	10/05/2018 13:35 BJ

MARTEL NO. 40042 000081 CLIENT SAMPLE IDENTIFICATION Kitchen Bathroom 011E Work Room Hand sink [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:43 BJ

MARTEL NO. 40042 000082 CLIENT SAMPLE IDENTIFICATION Café Fountain - Left Drinking Fountain [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:51 BJ

MARTEL NO. 40042 000083 CLIENT SAMPLE IDENTIFICATION Café Fountain - Right Drinking Fountain [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:53 BJ

MARTEL NO. 40042 000084 CLIENT SAMPLE IDENTIFICATION Fountain (outside Café Bathroom) Drinking Fountain [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 13:56 BJ

MARTEL NO. 40042 000085 CLIENT SAMPLE IDENTIFICATION Gym Office Bathroom Hand sink [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.79	ug/l	EPA .200.8	2	10/05/2018 13:58 BJ



MARTEL NO. 40042 000086 CLIENT SAMPLE IDENTIFICATION Gym Girl Bathroom Hand sink [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:01 BJ

MARTEL NO. 40042 000087 CLIENT SAMPLE IDENTIFICATION Gym Boy Bathroom Hand sink [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:03 BJ

MARTEL NO. 40042 000088 CLIENT SAMPLE IDENTIFICATION 14 Hand sink [CR--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:06 BJ

MARTEL NO. 40042 000089 CLIENT SAMPLE IDENTIFICATION 14 Bubbler [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:08 BJ

MARTEL NO. 40042 000090 CLIENT SAMPLE IDENTIFICATION 12 Hand sink [CR--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:11 BJ

MARTEL NO. 40042 000091 CLIENT SAMPLE IDENTIFICATION 12 Bubbler [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:21 BJ

MARTEL NO. 40042 000092 CLIENT SAMPLE IDENTIFICATION Fountain (next to 004) Drinking Fountain [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:26 BJ

MARTEL NO. 40042 000093 CLIENT SAMPLE IDENTIFICATION 24 Hand sink [CR--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:29 BJ



MARTEL NO. 40042 000094 24 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:31 BJ

MARTEL NO. 40042 000095 024 - Bathroom Hand sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:34 BJ

MARTEL NO. 40042 000096 Bathroom (next to 022 storage) Hand sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:36 BJ

MARTEL NO. 40042 000097 27 Hand sink [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:39 BJ

MARTEL NO. 40042 000098 27 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:41 BJ

MARTEL NO. 40042 000099 Fountain (next to 022 storage) Drinking Fountain [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:44 BJ

MARTEL NO. 40042 000100 23 Hand sink [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:47 BJ

MARTEL NO. 40042 000101 23 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 14:54 BJ



MARTEL NO. 40042 CLIENT SAMPLE IDENTIFICATION 000102 023 - bathroom Hand sink [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 15:02 BJ

MARTEL NO. 40042 CLIENT SAMPLE IDENTIFICATION 000103 20 Hand sink [CR--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 15:05 BJ

MARTEL NO. 40042 CLIENT SAMPLE IDENTIFICATION 000104 20 Bubblers [DF--C] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 15:07 BJ

MARTEL NO. 40042 CLIENT SAMPLE IDENTIFICATION 000105 020 - Bathroom Hand sink [BS--NC] Sample Date/Time 09/27/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	10/05/2018 15:10 BJ

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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.

* 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

Pricing and Statistics

Monday, October 8, 2018

Prepared expressly for:

AACPS - Operations Division

9034 Ft. Smallwood Road

Pasadena, MD 21122

Report for Control Numbers: 40042

TEST CODE	TEST NAME	METHOD	TOTAL
PB3	Lead	EPA .200.8	105 -L

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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: 9-27-18 5:05 AM End Date/Time: 9-27-18 6:25 AM

Sampler/Relinquished By: Lawren Couch Received at Martel by: [Signature] Date/Time: 9-27-18 12:00 PM

Annapolis ES (4092) Martel No. 40042

180 Green St, Annapolis, MD 21401

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

Sample #	Room #	Fixture Type <i>(Sink, Bubbler, Water Fountain, Gooseneck, Ice)</i>	Key	Con sum
1	101 A Work Room	Hand sink	OT	NC
2	101 A Work Room - Bathroom (BR)	Hand sink	BS	NC
3	101 E Conference Room	Hand sink	OT	NC
4	Fountain (Next to 102A Storage)	Drinking Fountain	DF	C
5	113	Hand sink	CR	NC
6	113	Bubbler	CR	C
7	115	Hand sink	CR	NC
8	115	Bubbler	CR	C
9	117	Hand sink	CR	NC
10	117	Bubbler	CR	C
11	Teacher's Lounge	Hand sink	TL	C
12	Bathroom- Next to teacher's lounge	Hand sink	BS	NC
13	123	Hand sink	CR	NC
14	123	Bubbler	DF	C
15	122	Hand sink	CR	NC
16	122	Bubbler	DF	C
17	120	Hand sink	CR	NC
18	120	Bubbler	DF	C
19	Girls (outside Room 120)	Hand sink Left	BS	NC
20	Girls (outside Room 120)	Hand sink Right	BS	NC
21	Hall Fountain	Drinking Fountain	DF	C
22	Boys (outside Room 120)	Hand sink Left	BS	NC
23	Boys (outside Room 120)	Hand sink Right	BS	NC
24	114	Hand sink	CR	NC
25	114	Bubbler	DF	C

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not working
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Annapolis ES (4092) Martel No. 40042

180 Green St, Annapolis, MD 21401

26	Girls (across from Room 109)	Hand sink Left	BS	NC	5:30
27	Girls (across from Room 109)	Hand sink Center	BS	NC	↓
28	Girls (across from Room 109)	Hand sink Right	BS	NC	↓
29	Boys (across from Room 109)	Hand sink Left	BS	NC	5:30
30	Boys (across from Room 109)	Hand sink Center	BS	NC	↓
31	Boys (across from Room 109)	Hand sink Right	BS	NC	↓
32	112	Hand sink	CR	NC	5:35
33	112	Bubbler	DF	C	↓
34	111 Science Lab	Hand sink Left	OT	NC	↓
35	112 Science Lab	Hand sink Right	OT	NC	↓
36	109	Hand sink	CR	NC	5:39
37	109	Bubbler	DF	C	↓
38	107 Health	Hand sink	NO	C	↓
39	107C Health Exam	Hand sink	NO	C	↓
40	107 Health bathroom	Hand sink	BS	C	↓
41	105	Hand sink	CR	NC	5:40
42	105	Bubbler	DF	C	↓
43	201	Hand sink	CR	NC	5:42
44	201	Bubbler	DF	C	↓
45	203	Hand sink	CR	NC	↓
46	203	Bubbler	DF	C	↓
47	Adult Toilet - Right	Hand sink	BS	NC	5:45
48	Adult Toilet - Left	Hand sink	BS	NC	↓
49	207	Hand sink	CR	NC	5:47
50	207	Bubbler	DF	C	↓
51	209	Hand sink	CR	NC	↓
52	209	Bubbler	DF	C	↓
53	212	Hand sink	CR	NC	5:50
54	212	Bubbler	DF	C	↓
55	Hall fountain (outside media)	Drinking Fountain	DF	C	5:51
56	Boy's Bathroom (outside 219 electrical closet)	Hand sink Left	BS	NC	↓
57	Boy's Bathroom (outside 219 electrical closet)	Hand sink Right	BS	NC	↓
58	Girl's bathroom(outside 219 electrical closet)	Hand sink Left	BS	NC	↓
59	Girl's bathroom(outside 219 electrical closet)	Hank sink Right	BS	NC	↓
60	218 Art Lab	Hand sink by Kiln	OT	NC	5:54
61	218 Art Lab	Hand sink by Art Storage 218B	OT	NC	↓
62	217B Media Workroom	Hand sink	OT	NC	↓

Annapolis ES (4092) Martel No. 40042

180 Green St, Annapolis, MD 21401

63	211	Hand sink	CR	NC
64	211	Bubbler	DF	C
65	1	Hand sink	CR	NC
66	1	Bubbler	DF	C
67	3	Hand sink	CR	NC
68	3	Bubbler	DF	C
69	7	Hand sink	CR	NC
70	7	Bubbler	DF	C
71	9	Hand sink	CR	NC
72	9	Bubbler	DF	C
73	Adult Toilet (across from 009) - Right	Hand sink	BS	NC
74	Adult Toilet (across from 005) - Left	Hand sink	BS	NC
75	Kitchen sink (left of tri-sink)	Hand sink	KS	NC
76	Kitchen Tri-sink	Hand sink Left	KS	C
77	Kitchen Tri-sink	Hand sink Right	KS	C
78	Kitchen Sink (Right of 011B Storage)	Hand sink	KS	NC
79	Kitchen Sink (Behind serving line)	Hand sink	KS	NC
80	Kitchen sink (next to walk in)	Hand sink	KS	NC
81	Kitchen Bathroom 011E Work Room	Hand sink	BS	NC
82	Café Fountain - Left	Drinking Fountain	DF	C
83	Café Fountain - Right	Drinking Fountain	DF	C
84	Fountain (outside Café Bathroom)	Drinking Fountain	DF	C
85	Gym Office Bathroom	Hand sink	BS	NC
86	Gym Girl Bathroom	Hand sink	BS	NC
87	Gym Boy Bathroom	Hand sink	BS	NC
88	14	Hand sink	CR	NC
89	14	Bubbler	DF	C
90	12	Hand sink	CR	NC
91	12	Bubbler	DF	C
92	Fountain (next to 004)	Drinking Fountain	DF	C
93	24	Hand sink	CR	NC
94	24	Bubbler	DF	C
95	024 - Bathroom	Hand sink	BS	NC
96	Bathroom (next to 022 storage)	Hand sink	BS	NC
97	27	Hand sink	CR	NC
98	27	Bubbler	DF	C
99	Fountain (next to 022 storage)	Drinking Fountain	DF	C

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Annapolis ES (4092) Martel No. 40042

180 Green St, Annapolis, MD 21401

100	23	Hand sink	CR	NC
101	23	Bubbler	DF	C
102	023 - bathroom	Hand sink	BS	NC
103	20	Hand sink	CR	NC
104	20	Bubbler	DF	C
105	020 - Bathroom	Hand sink	BS	NC

6/25

