

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Arlington Echo Environmental Center**

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 November 28, 2018, **fifty-seven (57)** lead water samples were collected from **Arlington Echo Environmental Center**. 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.

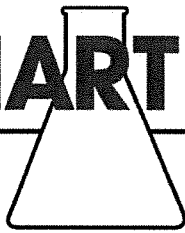
TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

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, February 4, 2019

Pasadena, MD 21122

Certificate of Analysis
FINAL

Attention: Chris Williams; Brian Wells

Report for Lab No: 40092.

Arlington Echo (3054)

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

P.O. Number: PO 9212

Sampling by Martel personnel on November 28, 2018.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40092	000001	Field Hall Fountain Drinking Fountain (DF)-Top [DF--C]	11/28/2018 06:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:11 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40092	000002	Field Hall Fountain DF-Bottom [DF--C]	11/28/2018 06:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:24 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40092	000003	Field Hall BR (Left) Hand Sink (HS) [BS--NC]	11/28/2018 06:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:26 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40092	000004	Field Hall BR (Right) HS [BS--NC]	11/28/2018 06:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:29 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40092	000005	Field Hall Great Room-Kitchen HS [OT--C]	11/28/2018 06:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:31 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION		Sample Date/Time			
40092	000006	Path Fountain (next to Pool and Bath House) DF [DF--C]	11/28/2018 06:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:31 BJ	



MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Path Fountain (next to Pool and Bath House) DF [DF--C] Sample Date/Time 11/28/2018 06:00

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

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Pool and Bath House Girls BR HS-Left (L) [BS--NC] Sample Date/Time 11/28/2018 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:33 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Pool and Bath House Girls BR HS-Right (R.) [BS--NC] Sample Date/Time 11/28/2018 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:36 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Pool and Bath House Boys BR HS [BS--NC] Sample Date/Time 11/28/2018 06:05

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:38 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Pool and Bath House Fountain (inside pool area) DF [DF--C] Sample Date/Time 11/28/2018 06:05

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

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Path Fountain (next to Patapsco Cabin) DF [DF--C] Sample Date/Time 11/28/2018 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.50	ug/l	EPA .200.8	2	01/24/2019 10:49 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Path Fountain (next to Patapsco Cabin) Bottle Fill (High) Sample Date/Time 11/28/2018 06:10

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

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Path Fountain (next to Patapsco Cabin) Bottle Fill (Low) [Sample Date/Time 11/28/2018 06:10

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



MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Patapsco Cabin DF [DF--C] Sample Date/Time 11/28/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:54 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Patapsco Cabin BR (Left) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:56 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Patapsco Cabin BR (Left) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 10:59 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Patapsco Cabin BR (Right) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:01 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Patapsco Cabin BR (Right) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:55

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:04 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Magothy Cabin DF [DF--C] Sample Date/Time 11/28/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:06 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Magothy Cabin BR (Left) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:09 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Magothy Cabin BR (Left) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:16 BJ



Certificate of Analysis

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000022 Magothy Cabin BR (Right) HS-L [BS--NC] 11/28/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:24 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000023 Magothy Cabin BR (Right) HS-R [BS--NC] 11/28/2018 05:50

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:26 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000024 South Cabin DF [DF--C] 11/28/2018 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:29 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000025 South Cabin BR (Left) HS-L [BS--NC] 11/28/2018 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.33	ug/l	EPA .200.8	2	01/24/2019 11:31 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000026 South Cabin BR (Left) HS-R [BS--NC] 11/28/2018 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:34 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000027 South Cabin BR (Right) HS-L [BS--NC] 11/28/2018 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.20	ug/l	EPA .200.8	2	01/24/2019 11:36 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000028 South Cabin BR (Right) HS-R [BS--NC] 11/28/2018 05:47

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:38 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000029 Severn Cabin DF [DF--C] 11/28/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:41 BJ



MARTEL NO. 40092 000030 CLIENT SAMPLE IDENTIFICATION Severn Cabin BR (Left) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:43 BJ

MARTEL NO. 40092 000031 CLIENT SAMPLE IDENTIFICATION Severn Cabin BR (Left) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:53 BJ

MARTEL NO. 40092 000032 CLIENT SAMPLE IDENTIFICATION Severn Cabin BR (Right) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 11:58 BJ

MARTEL NO. 40092 000033 CLIENT SAMPLE IDENTIFICATION Severn Cabin BR (Right) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.14	ug/l	EPA .200.8	2	01/24/2019 12:01 BJ

MARTEL NO. 40092 000034 CLIENT SAMPLE IDENTIFICATION Rhode Cabin DF [DF--C] Sample Date/Time 11/28/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 12:03 BJ

MARTEL NO. 40092 000035 CLIENT SAMPLE IDENTIFICATION Rhode Cabin BR (Left) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.07	ug/l	EPA .200.8	2	01/24/2019 12:06 BJ

MARTEL NO. 40092 000036 CLIENT SAMPLE IDENTIFICATION Rhode Cabin BR (Left) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.53	ug/l	EPA .200.8	2	01/24/2019 12:08 BJ

MARTEL NO. 40092 000037 CLIENT SAMPLE IDENTIFICATION Rhode Cabin BR (Right) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.86	ug/l	EPA .200.8	2	01/24/2019 12:10 BJ



MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Rhode Cabin BR (Right) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:30

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.75	ug/l	EPA .200.8	2	01/24/2019 12:13 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION West Cabin DF [DF--C] Sample Date/Time 11/28/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.00	ug/l	EPA .200.8	2	01/24/2019 12:15 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION West Cabin BR (Left) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	13.3	ug/l	EPA .200.8	2	01/24/2019 12:18 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION West Cabin BR (Left) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.82	ug/l	EPA .200.8	2	01/24/2019 12:25 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION West Cabin BR (Right) HS-L [BS--NC] Sample Date/Time 11/28/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	15.4	ug/l	EPA .200.8	2	01/24/2019 12:33 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION West Cabin BR (Right) HS-R [BS--NC] Sample Date/Time 11/28/2018 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	7.98	ug/l	EPA .200.8	2	01/24/2019 12:35 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Path Fountain (next to Boat House) DF [DF--C] Sample Date/Time 11/28/2018 05:25

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

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Path Fountain (next to Boat House) Bottle Fill (High) [OT-] Sample Date/Time 11/28/2018 05:25

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



MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Path Fountain (next to Boat House) Bottle Fill (Low) [OT--] Sample Date/Time 11/28/2018 05:25

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

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Dining Hall Fountain DF-Top [DF--C] Sample Date/Time 11/28/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 12:38 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Dinking Hall Fountain DF-Bottom [DF--C] Sample Date/Time 11/28/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 12:40 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Dining Hall Health Room-BR HS [BS--NC] Sample Date/Time 11/28/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.62	ug/l	EPA .200.8	2	01/24/2019 12:43 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Dining Hall Kitchen BR HS [BS--NC] Sample Date/Time 11/28/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.67	ug/l	EPA .200.8	2	01/24/2019 12:45 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Dining Hall Kitchen Sink (outside BR) HS [KS--NC] Sample Date/Time 11/28/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.40	ug/l	EPA .200.8	2	01/24/2019 12:55 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Dining Hall Pot Fill Pot Fill-L [OT--C] Sample Date/Time 11/28/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.41	ug/l	EPA .200.8	2	01/24/2019 13:00 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Dining Hall Pot Fill Pot Fill-R [OT--C] Sample Date/Time 11/28/2018 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.01	ug/l	EPA .200.8	2	01/24/2019 13:02 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40092 000054	Dining Hall Kitchen Tri-Sink Sink-L [KS--C]	11/28/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	01/24/2019 13:05 BJ
40092 000055	Dining Hall Kitchen Tri-Sink Sink-R [KS--C]	11/28/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	01/24/2019 13:07 BJ
40092 000056	Dining Hall Kitchen Sink (right of Tri-Sink) HS [KS--NC]	11/28/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	01/24/2019 13:10 BJ
40092 000057	Dining Hall Basement Ice Machine [IM--C]	11/28/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	01/24/2019 13:12 BJ
40092 000058	Dining Hall Women's BR HS-L [BS--NC]	11/28/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	01/24/2019 13:15 BJ
40092 000059	Dining Hall Women's BR HS-R [BS--NC]	11/28/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	01/24/2019 13:17 BJ
40092 000061	Dining Hall Men's BR HS-R [BS--NC]	11/28/2018 05:00
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	non operational EPA .200.8 2	//
40092 000062	Resource Laboratory HS [OT--NC]	11/28/2018 05:16
Compound	Test Value Test Unit Method Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8 2	01/24/2019 13:25 BJ



Certificate of Analysis

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000063 Resource Laboratory Basement-BR (Left) HS [BS--NC] 11/28/2018 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 13:32 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000064 Resource Laboratory Basement-BR (Right) HS [BS--NC] 11/28/2018 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/24/2019 13:35 BJ

MARTEL NO. 40092 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000065 Resource Laboratory Basement DF [DF--C] 11/28/2018 05:16

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.8	ug/l	EPA .200.8	2	01/24/2019 13:37 BJ

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

stdl.frx

Notes and references:

SM="Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American Water Works Association, and Water Environment Federation. Year in method code is approved date. 40CFR141=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 141, National Primary Drinking Water Regulations.

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 Laboratoies 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: 11/28/18 5:00 AM End Date/Time: 11/28/18 6:10 AM

Sampler/Relinquished By: Loren Lowry Received at Martel by [Signature] Date/Time: 11/28/18 9:10 AM

Arlington Echo (3054) Martel No. 40092

975 Indian Landing Rd, Millersville, MD 21108

**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, etc.)	Outlet Key Codes	Consumption Cor. NC?	Time/notes
1	Field Hall Fountain	Drinking Fountain (DF)-Top	DF	C	6:00
2	Field Hall Fountain	DF-Bottom	DF	C	↓
3	Field Hall BR (Left)	Hand Sink (HS)	BS	NC	↓
4	Field Hall BR (Right)	HS	BS	NC	↓
5	Field Hall Great Room-Kitchen	HS	OT	C	↓
6	Path Fountain (next to Pool and Bath House)	DF	DF	C	OK
7	Pool and Bath House Girls BR	HS-Left (L)	BS	NC	6:05
8	Pool and Bath House Girls BR	HS-Right (R.)	BS	NC	↓
9	Pool and Bath House Boys BR	HS	BS	NC	↓
10	Pool and Bath House Fountain (inside pool area)	DF	DF	C	OK
11	Path Fountain (next to Patapsco Cabin)	DF	DF	C	OK 6:10
12	Path Fountain (next to Patapsco Cabin)	Bottle Fill (High)	OT	C	OK NW
13	Path Fountain (next to Patapsco Cabin)	Bottle Fill (Low)	OT	C	OK NW
14	Patapsco Cabin	DF	DF	C	5:55
15	Patapsco Cabin BR (Left)	HS-L	BS	NC	↓
16	Patapsco Cabin BR (Left)	HS-R	BS	NC	↓
17	Patapsco Cabin BR (Right)	HS-L	BS	NC	↓
18	Patapsco Cabin BR (Right)	HS-R	BS	NC	↓
19	Magothy Cabin	DF	DF	C	5:50
20	Magothy Cabin BR (Left)	HS-L	BS	NC	↓
21	Magothy Cabin BR (Left)	HS-R	BS	NC	↓
22	Magothy Cabin BR (Right)	HS-L	BS	NC	↓
23	Magothy Cabin BR (Right)	HS-R	BS	NC	↓
24	South Cabin	DF	DF	C	5:47
25	South Cabin BR (Left)	HS-L	BS	NC	↓

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26	South Cabin BR (Left)	HS-R	BS	NC	5:47
27	South Cabin BR (Right)	HS-L	BS	NC	↓
28	South Cabin BR (Right)	HS-R	BS	NC	↓
29	Severn Cabin	DF	DF	C	5:35
30	Severn Cabin BR (Left)	HS-L	BS	NC	↓
31	Severn Cabin BR (Left)	HS-R	BS	NC	↓
32	Severn Cabin BR (Right)	HS-L	BS	NC	↓
33	Severn Cabin BR (Right)	HS-R	BS	NC	↓
34	Rhode Cabin	DF	DF	C	5:30
35	Rhode Cabin BR (Left)	HS-L	BS	NC	↓
36	Rhode Cabin BR (Left)	HS-R	BS	NC	↓
37	Rhode Cabin BR (Right)	HS-L	BS	NC	↓
38	Rhode Cabin BR (Right)	HS-R	BS	NC	↓
39	West Cabin	DF	DF	C	5:25
40	West Cabin BR (Left)	HS-L	BS	NC	↓
41	West Cabin BR (Left)	HS-R	BS	NC	↓
42	West Cabin BR (Right)	HS-L	BS	NC	↓
43	West Cabin BR (Right)	HS-R	BS	NC	↓
44	Path Fountain (next to Boat House)	DF	DF	E	OFF NW
45	Path Fountain (next to Boat House)	Bottle Fill (High)	OT	C	↓ NW
46	Path Fountain (next to Boat House)	Bottle Fill (Low)	OT	C	↓ NW
47	Dining Hall Fountain	DF-Top	DF	C	5:00
48	Dining Hall Fountain	DF-Bottom	DF	C	5:1
49	Dining Hall Health Room-BR	HS	BS	NC	↓
50	Dining Hall Kitchen BR	HS	BS	NC	↓
51	Dining Hall Kitchen Sink (outside BR)	HS	KS	NC	↓
52	Dining Hall Pot Fill	Pot Fill-L	OT	C	↓
53	Dining Hall Pot Fill	Pot Fill-R	OT	C	↓
54	Dining Hall Kitchen Tri-Sink	Sink-L	KS	C	↓
55	Dining Hall Kitchen Tri-Sink	Sink-R	KS	C	↓
56	Dining Hall Kitchen Sink (right of Tri-Sink)	HS	KS	NC	↓
57	Dining Hall Basement	Ice Machine	IM	C	OK? not working
58	Dining Hall Women's BR	HS-L	BS	NC	↓
59	Dining Hall Women's BR	HS-R	BS	NC	↓
60	Dining Hall Men's BR	HS-L	BS	NC	↓ ?
61	Dining Hall Men's BR	HS-R	BS	NC	↓ NW

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62	Resource Laboratory	HS	OT	NC	5:16
63	Resource Laboratory Basement-BR (Left)	HS	BS	NC	↓
64	Resource Laboratory Basement-BR (Right)	HS	BS	NC	↓
65	Resource Laboratory Basement	DF	DF	C	↓