

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Brooklyn Park 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 4, 2019, fifty-nine (59) lead water samples were collected from Belle Grove Elementary School. Of these lead water samples, five (5) 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 Brooklyn Park Elementary School are as follows:

- Sample #23 Hallway Combination Sink (across from A120) Gooseneck (on the left) – 21.1ppb
- Sample #29 Hallway Combination Sink (outside A131 Rear Door) Gooseneck – 41.7ppb
- Sample #50 A201 Combination Sink Gooseneck – 28.8ppb
- Sample #92 Media Combination Sink Gooseneck (left) – 49ppb
- Sample #94 Media Combination Sink Bubbler (right) – 49.1ppb

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 workplace 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

- Sample #'s 23, 29, 50, 92 and 94 were turned off immediately upon receiving the results.

NEXT STEPS

- Sample #'s 23, 29, 50, 92 and 94 will be replaced and retested.

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 or Brian Wells** at **443-770-5951**. 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, January 6, 2020

Pasadena, MD 21122

Certificate of Analysis
FINAL

Attention: Chris Williams; Brian Wells

Brooklyn Park ES (1092)

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

P.O. Number: PO 9212

Sampling by Martel personnel on October 4, 2019.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008 000001	Nurses Office---Health Room Bathroom: Gooseneck					10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 19:35 BJ	
48008 000002	Nurses Office---Health Room Gooseneck: Hand Sink					10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.19	ug/l	EPA .200.8	2	12/30/2019 19:40 BJ	
48008 000005	Classroom---Kindergarten 1: Bubbler					10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 19:43 BJ	
48008 000006	Classroom---Kindergarten 1: Gooseneck					10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 19:45 BJ	
48008 000007	Classroom---Kindergarten 2: Bubbler					10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	non	operational	EPA .200.8	2	/ /	
48008 000008	Classroom---Kindergarten 2: Gooseneck					10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	11.7	ug/l	EPA .200.8	2	12/30/2019 19:48 BJ	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000009	Classroom---Kindergarten 3: Bubbler				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.18	ug/l	EPA .200.8	2	12/30/2019 19:50 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000011	Classroom---A131: Bubbler				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 19:53 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000012	Classroom---A131: Gooseneck				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 19:55 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000017	Hallway---Fountain (near A125): Bubbler (LEFT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 19:58 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000018	Hallway---Fountain (near A125): Gooseneck (LEFT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	2.01	ug/l	EPA .200.8	2	12/30/2019 20:05 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000019	Hallway---Fountain (near A125): Bubbler (RIGHT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:13 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000020	Hallway---Fountain (near A125): Gooseneck (RIGHT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:15 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000022	Hallway---Fountain (across from A120): Bubbler (LEFT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	6.12	ug/l	EPA .200.8	2	12/30/2019 20:18 BJ	



MARTEL NO. 48008 000023 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A120): Gooseneck (LEFT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	21.1	ug/l*	EPA .200.8	2	12/30/2019 20:20 BJ

MARTEL NO. 48008 000024 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A120): Bubbler (RIGHT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	6.77	ug/l	EPA .200.8	2	12/30/2019 20:23 BJ

MARTEL NO. 48008 000025 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A120): Gooseneck (RIGHT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	12.2	ug/l	EPA .200.8	2	12/30/2019 20:25 BJ

MARTEL NO. 48008 000029 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (outside A131 rear): Gooseneck Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	41.7	ug/l*	EPA .200.8	2	12/30/2019 20:28 BJ

MARTEL NO. 48008 000030 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (outside A131 rear): Bubbler Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	17.0	ug/l	EPA .200.8	2	12/30/2019 20:30 BJ

MARTEL NO. 48008 000035 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A114): Bubbler (LEFT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:33 BJ

MARTEL NO. 48008 000036 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A114): Goosneck (LEFT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:43 BJ

MARTEL NO. 48008 000037 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A114): Bubbler (RIGHT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:48 BJ



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MARTEL NO. 48008 000038 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A114): Gooseneck (RIGHT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:50 BJ

MARTEL NO. 48008 000041 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A108): Bubbler (LEFT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:53 BJ

MARTEL NO. 48008 000042 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A108): Goosneck (LEFT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:55 BJ

MARTEL NO. 48008 000043 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A108): Bubbler (RIGHT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 20:58 BJ

MARTEL NO. 48008 000044 CLIENT SAMPLE IDENTIFICATION Hallway---Fountain (across from A108): Gooseneck (RIGHT) Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:00 BJ

MARTEL NO. 48008 000048 CLIENT SAMPLE IDENTIFICATION Classroom---A101: Gooseneck Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.29	ug/l	EPA .200.8	2	12/30/2019 21:03 BJ

MARTEL NO. 48008 000049 CLIENT SAMPLE IDENTIFICATION Classroom---A101: Bubbler Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.01	ug/l	EPA .200.8	2	12/30/2019 21:05 BJ

MARTEL NO. 48008 000050 CLIENT SAMPLE IDENTIFICATION Classroom---A201: Gooseneck Sample Date/Time 10/04/2019 05:00

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	28.8	ug/l*	EPA .200.8	2	12/30/2019 21:08 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000051	Classroom---A201: Bubbler				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:16 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000052	Classroom---A231: Goosneck				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:23 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000053	Classroom---A231: Bubbler				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	3.19	ug/l	EPA .200.8	2	12/30/2019 21:26 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000057	Hallway---Fountain (across from A222): Bubbler (LEFT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:28 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000058	Hallway---Fountain (across from A222): Goosneck (LEFT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:31 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000059	Hallway---Fountain (across from A222): Bubbler (RIGHT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:33 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000060	Hallway---Fountain (across from A222): Goosneck (RIGHT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:36 BJ	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION					Sample Date/Time
48008	000063	Hallway---Fountain (across from A220): Bubbler (LEFT)				10/04/2019 05:00
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:38 BJ	



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MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000064	Hallway---Fountain (across from A220): Goosneck (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.81	ug/l	EPA .200.8	2	12/30/2019 21:41 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000065	Hallway---Fountain (across from A220): Bubbler (RIGHT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.34	ug/l	EPA .200.8	2	12/30/2019 21:43 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000066	Hallway---Fountain (across from A220): Goosneck (RIGHT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.44	ug/l	EPA .200.8	2	12/30/2019 21:53 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000070	Classroom---A217: Goosneck	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 21:59 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000071	Classroom---A217: Bubbler	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:01 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000076	Hallway---Fountain (across from rm A214): Bubbler (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:04 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000077	Hallway---Fountain (across from rm A214): Goosneck (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:06 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000078	Hallway---Fountain (across from rm A214): Bubbler (RIGHT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:09 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000079	Hallway---Fountain (across from rm A214): Gooseneck	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:11 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000082	Hallway---Fountain (across from rm A210): Bubbler (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:14 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000083	Hallway---Fountain (across from rm A210): Goosneck (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:16 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000084	Hallway---Fountain (across from rm A210): Bubbler (RIGHT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:19 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000085	Hallway---Fountain (across from rm A210): Gooseneck	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:27 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000092	Hallway---Median Hall (near cpu lab): Gooseneck (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	49.0	ug/l*	EPA .200.8	2	12/30/2019 22:34 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000093	Hallway---Median Hall (near cpu lab): Bubbler (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	non	operational	EPA .200.8	2	11

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000094	Hallway---Median Hall (near cpu lab): Bubbler (RIGHT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	49.1	ug/l*	EPA .200.8	2	12/30/2019 22:37 BJ



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000097	Lounge---Teachers Lounge: Gooseneck	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.09	ug/l	EPA .200.8	2	12/30/2019 22:39 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000100	Hallway---Fountain (near boys bathroom gym): Water Fountain	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.44	ug/l	EPA .200.8	2	12/30/2019 22:42 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000103	Kitchen---Kitchen: Dual Sink	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.95	ug/l	EPA .200.8	2	12/30/2019 22:44 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000104	Kitchen---Kitchen: Tri-Sink (LEFT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.37	ug/l	EPA .200.8	2	12/30/2019 22:47 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000105	Kitchen---Kitchen: Tri-Sink (RIGHT)	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.10	ug/l	EPA .200.8	2	12/30/2019 22:49 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000109	Cafeteria---Cafeteria: Water Fountain	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:52 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
48008 000112	Hallway---Hall Fountain (between boys and girls bathroom):	10/04/2019 05:00			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/30/2019 22:55 BJ



Martel Laboratories JDS Inc.

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

AACOP1

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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: 10/4/19 5:05 End Date/Time: 10/4/19 6:30

Sampler/Relinquished By: [Signature] Received at Martel by [Signature] Date/Time: 10/4/19 11:20

Brooklyn Park ES (1092)

200 14th Avenue, Baltimore, MD 21225

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

Martel Lab No. 48008

Sample #	Room #	Fixture Type <i>(Sink, Bubbler, Water Fountain, Gooseneck, Ice</i>	Outlet Key Code	Cor NG?	TIME/NOTES
1	Nurses Office---Health Room Bathroom	Gooseneck	BS	BS	5:05
2	Nurses Office---Health Room Gooseneck	Hand Sink	---	NO	↓
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
5	Classroom---Kindergarten 1	Bubbler	CF	C	5:50
6	Classroom---Kindergarten 1	Gooseneck	CS	C	↓
7	Classroom---Kindergarten 2	Bubbler	CF	C	NW
8	Classroom---Kindergarten 2	Gooseneck	CS	C	↓
9	Classroom---Kindergarten 3	Bubbler	CF	C	
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
11	Classroom---A131	Bubbler	CF	C	5:10
12	Classroom---A131	Gooseneck	CS	C	↓
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
17	Hallway---Fountain (near A125)	Bubbler (LEFT)	CF	C	5:30
18	Hallway---Fountain (near A125)	Goosneck (LEFT)	CS	C	
19	Hallway---Fountain (near A125)	Bubbler (RIGHT)	CF	C	
20	Hallway---Fountain (near A125)	Gooseneck (RIGHT)	CS	C	
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
22	Hallway---Fountain (across from A120)	Bubbler (LEFT)	CF	C	↓
23	Hallway---Fountain (across from A120)	Gooseneck (LEFT)	CS	C	↓
24	Hallway---Fountain (across from A120)	Bubbler (RIGHT)	CF	C	↓
25	Hallway---Fountain (across from A120)	Gooseneck (RIGHT)	CS	C	↓

Brooklyn Park ES (1092)

200 14th Avenue, Baltimore, MD 21225

DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
29	Hallway---Fountain (outside A131 rear)	Gooseneck	CS	C	5:35
30	Hallway---Fountain (outside A131 rear)	Bubbler	CF	C	↓
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
35	Hallway---Fountain (across from A114)	Bubbler (LEFT)	CF	C	↓
36	Hallway---Fountain (across from A114)	Goosneck (LEFT)	CS	C	↓
37	Hallway---Fountain (across from A114)	Bubbler (RIGHT)	CF	C	↓
38	Hallway---Fountain (across from A114)	Gooseneck (RIGHT)	CS	C	↓
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
41	Hallway---Fountain (across from A108)	Bubbler (LEFT)	CF	C	5:40
42	Hallway---Fountain (across from A108)	Goosneck (LEFT)	CS	C	↓
43	Hallway---Fountain (across from A108)	Bubbler (RIGHT)	CF	C	↓
44	Hallway---Fountain (across from A108)	Gooseneck (RIGHT)	CS	C	↓
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
48	Classroom---A101	Gooseneck	CS	C	5:10
49	Classroom---A101	Bubbler	CF	C	↓
50	Classroom---A201	Gooseneck	CS	C	6:20
51	Classroom---A201	Bubbler	CF	C	↓
52	Classroom---A231	Gooseneck	CS	C	↓
53	Classroom---A231	Bubbler	CF	C	↓
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX
57	Hallway---Fountain (across from A222)	Bubbler (LEFT)	CF	C	↓
58	Hallway---Fountain (across from A222)	Goosneck (LEFT)	CS	C	↓
59	Hallway---Fountain (across from A222)	Bubbler (RIGHT)	CF	C	↓
60	Hallway---Fountain (across from A222)	Gooseneck (RIGHT)	CS	C	↓
DONOTTAKE	XXXXXXXXXXXX	XXXXXXXXXXXX			XXXXXX

Brooklyn Park ES (1092)

200 14th Avenue, Baltimore, MD 21225

DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
63	Hallway---Fountain (across from A220)	Bubbler (LEFT)	CF	C	6:25
64	Hallway---Fountain (across from A220)	Goosneck (LEFT)	CS	C	
65	Hallway---Fountain (across from A220)	Bubbler (RIGHT)	CF	C	
66	Hallway---Fountain (across from A220)	Goosneck (RIGHT)	CS	C	
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
70	Classroom---A217	Goosneck	CS	C	
71	Classroom---A217	Bubbler	CF	C	
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
76	Hallway---Fountain (across from rm A214)	Bubbler (LEFT)	CF	C	6:30
77	Hallway---Fountain (across from rm A214)	Goosneck (LEFT)	CS	C	
78	Hallway---Fountain (across from rm A214)	Bubbler (RIGHT)	CF	C	
79	Hallway---Fountain (across from rm A214)	Goosneck (RIGHT)	CS	C	
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
82	Hallway---Fountain (across from rm A210)	Bubbler (LEFT)	CF	C	
83	Hallway---Fountain (across from rm A210)	Goosneck (LEFT)	CS	C	
84	Hallway---Fountain (across from rm A210)	Bubbler (RIGHT)	CF	C	
85	Hallway---Fountain (across from rm A210)	Goosneck (RIGHT)	CS	C	6:30
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
92	Hallway---Median Hall (near cpu lab)	Goosneck (LEFT)	CS	C	6:10
93	Hallway---Median Hall (near cpu lab)	Bubbler (LEFT)	CF	C	NW
94	Hallway---Median Hall (near cpu lab)	Bubbler (RIGHT)	DF	C	↓
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
97	Lounge---Teachers Lounge	Goosneck	TL	C	6:10

Brooklyn Park ES (1092)

200 14th Avenue, Baltimore, MD 21225

DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
100	Hallway---Fountain (near boys bathroom gym)	Water Fountain	DF	C	6:15
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
103	Kitchen---Kitchen	Dual Sink	KS	C	6:05
104	Kitchen---Kitchen	Tri-Sink (LEFT)	KS	C	↓
105	Kitchen---Kitchen	Tri-Sink (RIGHT)	KS	C	↓
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
109	Cafeteria---Cafeteria	Water Fountain	DF	C	↓
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
DONOTTAKE	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			XXXXXX
112	Hallway---Hall Fountain (between boys and girls bathroom)	Water Fountain	DF	C	6:05

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Brooklyn Park 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 March 11, 2020, four (4) lead water sample(s) were collected from Brooklyn Park Elementary School. Of these lead water samples, zero (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 workplace 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

- Sample #s 23, 29, 50 and 94 will be reactivated since they passed the retests.

NEXT STEPS

- The water will be retested every three (3) years.

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 or Brian Wells* at **443-770-5950**. 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.

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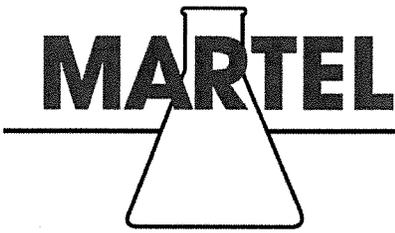
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AACPS - Operations Division
9034 Ft. Smallwood Road

Friday, March 13, 2020

Pasadena, MD 21122
Attention: Chris Williams; Brian Wells

Certificate of Analysis
FINAL

*Report for Lab No: 48087.
Brooklyn Park ES
Sampling by regulation to Maryland House Bill 270 - Lead in Drinking Water
P.O. Number: PO 9212
Sampling by Martel personnel on March 11, 2020.*

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
48087	000023	Hallway Fountain (across from A120) Gooseneck (left) faucet,					03/11/2020 06:57
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		2.10	ug/l	EPA .200.8	2	03/12/2020 20:45 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
48087	000029	Hallway (outside A131) Gooseneck faucet, cold [CS--C]					03/11/2020 07:00
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		12.8	ug/l	EPA .200.8	2	03/12/2020 20:48 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
48087	000050	Classroom A201 Gooseneck faucet, cold [CS--C]					03/11/2020 07:03
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		4.49	ug/l	EPA .200.8	2	03/12/2020 20:50 BJ	
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION						Sample Date/Time
48087	000094	Media Hall (near CPU lab) Bubbler (right) Drinking Water Fou					03/11/2020 07:04
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		12.3	ug/l	EPA .200.8	2	03/12/2020 20:53 BJ	



Martel Laboratories JDS Inc.

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

AACOP1

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03/13/2020

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 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: 3-11 6:55 End Date/Time: 3-11 7:00

Sampler/Relinquished By: [Signature] Received at Martel by _____ Date/Time: 3-11 9:45

Brooklyn Park ES

200 14th Ave. Baltimore 21225

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

**Martel
Lab No.**

48087

Sample #	Room #	Fixture Type <i>(Sink, Bubbler, Water Fountain, Gooseneck,</i>	Outlet Nav Codes	Cor. NC?	TIME/NOTES
23	Hallway Fountain (across from A120) Gooseneck (left)	faucet, cold	CS	C	6:57
29	Hallway fountain (outside A131) Gooseneck	Drinking Water Fountain faucet, cold	CS	C	7:00
50	Classroom A201 Gooseneck	faucet, cold	CS	C	7:03
93	Media Hall CPU Lab Bubbler Left	Drinking Water Fountain	CF	C	Removed
94	Media Hall (near CPU lab) Bubbler (right)	Drinking Water Fountain	DF	C	7:04