

Lead in Drinking Water – Public and Nonpublic Schools

Updated in response to legislation effective as of June 1, 2021

IMPORTANT NOTICE: ELEVATED LEAD WATER SAMPLE RESULT(S) **Broadneck High 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 5, 2023, sixty-five (65) lead water samples were collected from Broadneck High School. Of these lead water samples, three (3) had levels of lead exceeding the State's revised action level of 5 parts per billion (ppb) (*formerly 20 ppb; 5 ppb effective June 1, 2021*) for lead in drinking water in school buildings. The elevated lead results from the sample(s) collected at Broadneck High School were as follows:

8.0 (ppb) Sample #23 Kitchen Tri Sink – Right (across from sprayer)

36.5 (ppb) Sample #84 Nurses Office Health Room bathroom sink (front)

10.1 (ppb) Sample #86 Guidance Office B101 men's bathroom sink

ACTION LEVEL (AL)

Effective June 1, 2021, the State's AL for lead in drinking water samples collected from outlets in school buildings has been lowered to 5 ppb. The AL is the concentration of lead which, if exceeded, triggers required remediation of drinking water outlets.

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 sources 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

All consumable outlets exceeding the Action Level were turned off or a "Hand Washing Only", "Do Not Drink" or "Dish Washing Only" sticker was applied.

NEXT STEPS

Sample #23 Kitchen Tri Sink – Right (across from sprayer) a "Dish Washing Only" sticker will be applied.

Sample #84 Nurses Office Health Room bathroom sink (front) a "Hand Washing Only" sticker will be applied.

Sample #86 Guidance Office B101 men's bathroom sink a "Hand Washing Only" sticker will be applied.

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

For additional information, please contact the Environmental, Health and Safety Office 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.



AACPS - Operations Division
9034 Ft. Smallwood Road

Pasadena, MD 21122
Attention: Chris Williams; Brian Wells

Monday, January 29, 2024

Certificate of Analysis
AMENDED

Project Information:

Report for Lab No: 70014.

School: Broadneck HS
Sampling by regulation to Maryland House Bill 270 - Lead in Drinking Water
P.O. Number: PO 21B21062901660
Sampling by Martel personnel on October 5, 2023.

References and Important Notes:

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 5.5 ug/l.

This report amends either the original report or the last amended report sent on: 1/26/2024
It has been amended for the following reason(s): client requested changes for sample identifications.

Notices:

Chain of Custody Form(s) are attached and are an integral part of this report.
This report will be retained for at least five years and will be disposed of without notice.
Measurement uncertainty for each listed test is available upon request.
The results presented herein relate only to the samples or items tested.
All samples tested were in acceptable condition, unless otherwise noted.



MARTEL NO. 70014	2	CLIENT SAMPLE IDENTIFICATION Lounge Staff Lounge A101 [TL--C]	Sample Date/Time 10/05/2023 05:56
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 14:39 EK

MARTEL NO. 70014	3	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (outside A101) [DF--C]	Sample Date/Time 10/05/2023 05:57
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 14:51 EK

MARTEL NO. 70014	16	CLIENT SAMPLE IDENTIFICATION Cafeteria Café Fountain [DF--C]	Sample Date/Time 10/05/2023 06:05
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 14:53 EK

MARTEL NO. 70014	23	CLIENT SAMPLE IDENTIFICATION Kitchen Tri Sink- R (across from sprayer) [KS--C]	Sample Date/Time 10/05/2023 06:10
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	8.00	ug/l*	EPA .200.8	2	01/19/2024 14:56 EK

MARTEL NO. 70014	25	CLIENT SAMPLE IDENTIFICATION Kitchen Tri Sink -L (right of Hand Sink) [KS--C]	Sample Date/Time 10/05/2023 06:10
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 14:58 EK

MARTEL NO. 70014	26	CLIENT SAMPLE IDENTIFICATION Kitchen Tri Sink -R (right of Hand Sink) [KS--C]	Sample Date/Time 10/05/2023 06:10
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.00	ug/l	EPA .200.8	2	01/19/2024 15:01 EK

MARTEL NO. 70014	41	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across form D106) - Top [BF--C]	Sample Date/Time 10/05/2023 06:19
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 15:03 EK

MARTEL NO. 70014	42	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across from D106) - Bottom [DF--C]	Sample Date/Time 10/05/2023 06:19
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Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 15:05 EK



MARTEL NO. 70014	43	CLIENT SAMPLE IDENTIFICATION Classroom D108 Office [OT--C]				Sample Date/Time 10/05/2023 06:20
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:08 EK

MARTEL NO. 70014	45	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across from D116) - Left [DF--C]				Sample Date/Time 10/05/2023 06:22
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:10 EK

MARTEL NO. 70014	46	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across from D116) - Right [DF--C]				Sample Date/Time 10/05/2023 06:22
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:20 EK

MARTEL NO. 70014	55	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (next to electrical closet) - Top [B				Sample Date/Time 10/05/2023 06:24
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:25 EK

MARTEL NO. 70014	55A	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (next to electrical closet) - Bottom				Sample Date/Time 10/05/2023 06:24
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:28 EK

MARTEL NO. 70014	72	CLIENT SAMPLE IDENTIFICATION Home Economics C110 Home ECC (clockwise)-See Map				Sample Date/Time 10/05/2023 06:29
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:30 EK

MARTEL NO. 70014	73	CLIENT SAMPLE IDENTIFICATION Home Economics C110 Home ECC (clockwise)-See Map				Sample Date/Time 10/05/2023 06:29
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:33 EK

MARTEL NO. 70014	74	CLIENT SAMPLE IDENTIFICATION Home Economics C110 Home ECC (clockwise)-See Map				Sample Date/Time 10/05/2023 06:29
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 15:35 EK

MARTEL NO. 70014 75 CLIENT SAMPLE IDENTIFICATION Home Economics C110 Home ECC (clockwise)-See Map Sample Date/Time 10/05/2023 06:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 15:37 EK

MARTEL NO. 70014 76 CLIENT SAMPLE IDENTIFICATION Home Economics C110 Home ECC (clockwise)-See Map Sample Date/Time 10/05/2023 06:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.02	ug/l	EPA .200.8	2	01/19/2024 15:40 EK

MARTEL NO. 70014 77 CLIENT SAMPLE IDENTIFICATION Home Economics C110 Home ECC (clockwise)-See Map Sample Date/Time 10/05/2023 06:29

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.82	ug/l	EPA .200.8	2	01/19/2024 15:42 EK

MARTEL NO. 70014 80 CLIENT SAMPLE IDENTIFICATION Classroom B111 [CF--C] Sample Date/Time 10/05/2023 06:31

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 15:45 EK

MARTEL NO. 70014 83 CLIENT SAMPLE IDENTIFICATION Nurses Office Health Room 12 [NO--C] Sample Date/Time 10/05/2023 06:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.71	ug/l	EPA .200.8	2	01/19/2024 15:52 EK

MARTEL NO. 70014 84 CLIENT SAMPLE IDENTIFICATION Nurses Office Health Rom 12-BR (front) [BS--C] Sample Date/Time 10/05/2023 06:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	36.5	ug/l*	EPA .200.8	2	01/19/2024 15:59 EK

MARTEL NO. 70014 85 CLIENT SAMPLE IDENTIFICATION Nurses Office Health Room 12-BR (rear) [BS--C] Sample Date/Time 10/05/2023 06:35

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.97	ug/l	EPA .200.8	2	01/19/2024 16:02 EK

MARTEL NO. 70014 86 CLIENT SAMPLE IDENTIFICATION Guidance B101 Mens Bathroom [BS-NC] Sample Date/Time 10/05/2023 06:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	10.1	ug/l*	EPA .200.8	2	01/19/2024 16:04 EK



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 87		Guidance B101 Womans Bathroom [BS-NC]				10/05/2023 06:39	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:07 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 88		Hallway Hall Fountain (outside Café) - Top [BF--C]				10/05/2023 06:41	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:09 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 88A		Hallway Hall Fountain (outside Café) - Bottom [DF--C]				10/05/2023 06:41	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:12 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 101		Hallway Hall Fountain (outside B103) [DF--C]				10/05/2023 06:43	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		2.74	ug/l	EPA .200.8	2	01/19/2024 16:14 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 102		Locker Room Girls Locker Room Fountain - Left [DF--C]				10/05/2023 06:45	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:16 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 103		Locker Room Girls Locker Room Fountain - Right [DF--C]				10/05/2023 06:45	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:19 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 108		Locker Room Boys Locker Room Fountain - Left [DF--C]				10/05/2023 06:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		n/a		EPA .200.8	2	/ /	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014 109		Locker Room Boys Locker Room Fountain - Right [DF--C]				10/05/2023 06:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		n/a		EPA .200.8	2	/ /	



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	112	Hallway Hall Fountain (across from C109) - Left [DF--C]				10/05/2023 06:49	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:28 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	113	Hallway Hall Fountain (across from C109) - Right [DF--C]				10/05/2023 06:49	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:33 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	114	Classroom C109 [DF--C]				10/05/2023 06:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		n/a		EPA .200.8	2	/ /	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	115	Hallway Hall Fountain (across from C109A) - Left [DF--C]				10/05/2023 06:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		n/a		EPA .200.8	2	/ /	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	116	Hallway Hall Fountain (across from C109A) - Right [DF--C]				10/05/2023 06:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		n/a		EPA .200.8	2	/ /	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	117	Hallway Fountain (across from C124) Left/Top [BF-C]				10/05/2023 06:52	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:36 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	118	Hallway Fountain (across from C124) Left/Bottom [DF-C]				10/05/2023 06:52	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:38 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	119	Hallway Hall Fountain (across from C124) - Right [DF--C]				10/05/2023 06:52	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:41 EK	



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	125	Ice Machine C125 (IM-C)				10/05/2023 06:56	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:48 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	122	Other C126 Girls Team Room Fountain - Left [DF--C]				10/05/2023 06:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		n/a		EPA .200.8	2	/ /	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	123	Other C126 Girls Team Room Fountain - Right [DF--C]				10/05/2023 06:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		n/a		EPA .200.8	2	/ /	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	128	Locker Room C124 Boys Team Room Fountain - Left [DF--C]				10/05/2023 06:57	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:55 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	129	Locker Room C124 Boys Team Room Fountain - Right				10/05/2023 06:57	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 16:58 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	130	Gymnasium Lobby Fountain Left/Top [BF-C]				10/05/2023 06:59	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:00 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	131	Gymnasium Lobby Fountain Left/Bottom [DF-C]				10/05/2023 06:59	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:02 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	132	Gymnasium Gym Lobby Fountain - Right [DF--C]				10/05/2023 06:59	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:05 EK	



MARTEL NO. 70014	134	CLIENT SAMPLE IDENTIFICATION Gymnasium Gym Lobby Concessions [IM--C]				Sample Date/Time 10/05/2023 06:00
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		n/a		EPA .200.8	2	/ /

MARTEL NO. 70014	141	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across from A202) - Left [DF--C]				Sample Date/Time 10/05/2023 07:18
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:07 EK

MARTEL NO. 70014	142	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across from A202) - Right [DF--C]				Sample Date/Time 10/05/2023 07:18
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:17 EK

MARTEL NO. 70014	151	CLIENT SAMPLE IDENTIFICATION Classroom A200 Office [OT--C]				Sample Date/Time 10/05/2023 07:17
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:22 EK

MARTEL NO. 70014	158	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (next to A236 Corridor) - Top [BF--C]				Sample Date/Time 10/05/2023 07:20
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:24 EK

MARTEL NO. 70014	167	CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (next to D205) [DF--C]				Sample Date/Time 10/05/2023 07:07
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:27 EK

MARTEL NO. 70014	168	CLIENT SAMPLE IDENTIFICATION Classroom D212 Office [OT--C]				Sample Date/Time 10/05/2023 07:08
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:29 EK

MARTEL NO. 70014	169	CLIENT SAMPLE IDENTIFICATION Classroom D214 Office [OT--C]				Sample Date/Time 10/05/2023 07:09
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:32 EK



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	170	Hallway Hall Fountain (next to D221) - Left [DF--C]				10/05/2023 07:10	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:34 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	171	Hallway Hall Fountain (next to D221) - Right [DF--C]				10/05/2023 07:10	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:37 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	180	Hallway Fountain Top (next to C222A corridor) [DF--C]				10/05/2023 07:12	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:39 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	186	Hallway Hall Fountain (next to B204) [DF--C]				10/05/2023 07:13	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:41 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	187	Classroom Media Workroom [OT--C]				10/05/2023 07:15	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:49 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	189	Concession Concession Stand [OT--C]				10/05/2023 07:33	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		2.07	ug/l	EPA .200.8	2	01/19/2024 17:56 EK	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	190	Concession Concession Stand [IM--C]				10/05/2023 07:00	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		no ice		EPA .200.8	2	/ /	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	197	Other Boys Field House [IM--C]				10/05/2023 07:37	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/19/2024 17:59 EK	



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 198	Other Boys Field House Fountain - Left [DF--C]	10/05/2023 07:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 18:01 EK

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 199	Other Boys Field House Fountain - Right [DF--C]	10/05/2023 07:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 18:04 EK

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 201	Other Boys Field House Team Room Water Jug Filling Station	10/05/2023 07:37

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 18:06 EK

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 202	Other Athletic Treatment Room [IM--C]	10/05/2023 07:39

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 18:08 EK

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 204	Other Girls Field House [IM--C]	10/05/2023 07:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 18:11 EK
Lead	<2	ug/l	EPA .200.8	2	01/19/2024 18:13 EK

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 205	Other Girls Field House Fountain - Left [DF--C]	10/05/2023 07:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2024 09:27 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 206	Other Girls Field House Fountain - Right [DF--C]	10/05/2023 07:42

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	01/26/2024 09:32 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
70014 125	Gymnasium Gym Area/Laundry Room Water Jug Filling Station	10/05/2023 07:32

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.48	ug/l	EPA .200.8	2	01/26/2024 09:34 BJ



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	158	Hallway Hall Fountain (next to A236 Corridor) - Bottom [DF]				10/05/2023 07:21	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/26/2024 09:37 BJ	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	180	Hallway Fountain Bottom (next to C222A corridor) [DF--C]				10/05/2023 07:25	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		2.21	ug/l	EPA .200.8	2	01/26/2024 09:39 BJ	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	23F	Kitchen Tri Sink- R (across from sprayer) [KS--C]				10/05/2023 07:48	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/26/2024 09:42 BJ	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	25F	Kitchen Tri Sink -L (right of Hand Sink) [KS--C]				10/05/2023 07:48	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/26/2024 09:44 BJ	
MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time	
70014	26F	Kitchen Tri Sink -R (right of Hand Sink) [KS--C]				10/05/2023 07:48	
Compound		Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
Lead		<2	ug/l	EPA .200.8	2	01/26/2024 09:47 BJ	

MARTEL Chain of Custody Record

Martel Laboratories IDS 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: 10/5/23 5:56 End Date/Time: 10/5/23 7:42

Sampler/Relinquished By: DH Received at Martel by: [Signature] Date/Time: _____

Broadneck HS

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ALL OUTLET WERE FLUSHED THE NIGHT BEFORE
SAMPLING BETWEEN THE HOURS OF 5 PM AND 9PM

Floor

Martel NO:

70014

Martel #	Sample #	Room #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)	Outlet Key Codes	Fixture Types Key	Consumption C or NC?	Time/notes
1	2	Lounge	Staff Lounge A101	TL	Faucet, Cold	C	1 5:56
2	3	Hallway	Hall Fountain (outside A101)	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1 5:57
3	16	Cafeteria	Café Fountain	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1 6:05
4	23	Kitchen	Tri Sink- R (across from sprayer)	KS	Faucet, Cold	C	1 6:10
5	25	Kitchen	Tri Sink -L (right of Hand Sink)	KS	Faucet, Cold	C	1 ↓
6	26	Kitchen	Tri Sink -R (right of Hand Sink)	KS	Faucet, Cold	C	1 ↓
7	41	Hallway	Hall Fountain (across from D106) - Top	BF	Bottle Refill Dispenser/Water Refill Station	C	1 6:19
8	42	Hallway	Hall Fountain (across from D106) - Bottom	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1 ↓
9	43	Classroom	D108 Office	OT	Faucet, Cold	C	1 6:20
10	45	Hallway	Hall Fountain (across from D116) - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1 6:22
11	46	Hallway	Hall Fountain (across from D116) - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1 ↓
12	55	Hallway	Hall Fountain (next to electrical closet) - Top	BF	Bottle Refill Dispenser/Water Refill Station	C	1 6:24
13	55A	Hallway	Hall Fountain (next to electrical closet) - Bottom	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1 ↓
14	72	Home Economics	C110 Home ECC (clockwise)-See Map	HE	Faucet, Cold	C	1 6:29
15	73	Home Economics	C110 Home ECC (clockwise)-See Map	HE	Faucet, Cold	C	1 ↓
16	74	Home Economics	C110 Home ECC (clockwise)-See Map	HE	Faucet, Cold	C	1 ↓
17	75	Home Economics	C110 Home ECC (clockwise)-See Map	HE	Faucet, Cold	C	1 ↓
18	76	Home Economics	C110 Home ECC (clockwise)-See Map	HE	Faucet, Cold	C	1 ↓
19	77	Home Economics	C110 Home ECC (clockwise)-See Map	HE	Faucet, Cold	C	1 ↓
20	80	Classroom	B111	CF	Drinking Water Fountain-Bubbler Style	C	1 6:31
21	83	Nurses Office	Health Room 12	NO	Faucet, Cold	C	1 6:35
22	84	Nurses Office	Health Rom 12-BR (front)	BS	Faucet, Cold	C	1 ↓
23	85	Nurses Office	Health Room 12-BR (rear)	BS	Faucet, Cold	C	1 ↓

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24	86	Nurses Office	Health Men's BR	BS	Faucet, Cold	C	1	6:39	dribbles
25	87	Nurses Office	Health Women's BR	BS	Faucet, Cold	C	1	↓	
26	88	Hallway	Hall Fountain (outside Café) - Top	BF	Bottle Refill Dispenser/Water Refill Station	C	1	6:41	
27	88A	Hallway	Hall Fountain (outside Café) - Bottom	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
28	101	Hallway	Hall Fountain (outside B103)	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	6:43	dribbles
29	102	Locker Room	Girls Locker Room Fountain - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	6:45	
30	103	Locker Room	Girls Locker Room Fountain - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
31	108	Locker Room	Boys Locker Room Fountain - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	N/A	
32	109	Locker Room	Boys Locker Room Fountain - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
33	112	Hallway	Hall Fountain (across from C109) - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	6:49	
34	113	Hallway	Hall Fountain (across from C109) - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
35	114	Classroom	C109	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	Does not exist	
36	115	Hallway	Hall Fountain (across from C109A) - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	Removed	
37	116	Hallway	Hall Fountain (across from C109A) - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
38	117	Hallway	Hall Fountain (across from C124) - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	6:52	
39	118	Hallway	Hall Fountain (across from C124) - Cooler ^{Left Bottle Filler}	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
40	119	Hallway	Hall Fountain (across from C124) - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
41	122	Other	C126 Girls Team Room Fountain - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	No Flow	
42	123	Other	C126 Girls Team Room Fountain - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
43	125	Ice Machine	C125	IM	Ice Machine	C	1	6:56	
44	128	Locker Room	C124 Boys Team Room Fountain - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	6:57	
45	129	Locker Room	C124 Boys Team Room Fountain - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
46	130	Gymnasium	Gym Lobby Fountain - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	6:59	
47	131	Gymnasium	Gym Lobby Fountain - Cooler ^{Left Bottle Filler}	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
48	132	Gymnasium	Gym Lobby Fountain - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓	
49	134	Gymnasium	Gym Lobby Concessions	IM	Ice Machine	C	1	Removed	
50	141	Hallway	Hall Fountain (across from A202) - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	7:19	
51	142	Hallway	Hall Fountain (across from A202) - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	↓	
52	151	Classroom	A200 Office	OT	Faucet, Cold	C	2	7:27	
53	158	Hallway	Hall Fountain (next to A236 Corridor) - Top	BF	Bottle Refill Dispenser/Water Refill Station	C	2	7:20	
54	167	Hallway	Hall Fountain (next to D205)	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	7:07	
55	168	Classroom	D212 Office	OT	Faucet, Cold	C	2	7:08	
56	169	Classroom	D214 Office	OT	Faucet, Cold	C	2	7:09	
57	170	Hallway	Hall Fountain (next to D221) - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	7:10	

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58	171	Hallway	Hall Fountain (next to D221) - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	7:10
59	180	Hallway	Fountain Top (next to C222A corridor)	DF	Bottle Refill Dispenser/Water Refill Station	C	2	7:12
60	186	Hallway	Hall Fountain (next to B204)	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	7:13
61	187	Classroom	Media Workroom	OT	Faucet, Cold	C	2	7:15
62	189	Concession	Concession Stand	OT	Faucet, Cold	C	1	7:33
63	190	Concession	Concession Stand	IM	Ice Machine	C	1	No Ice
64	197	Other	Boys Field House	IM	Ice Machine	C	1	7:37
65	198	Other	Boys Field House Fountain - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	
66	199	Other	Boys Field House Fountain - Right ^{Bottle Filler}	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓
67	201A	Other	Boys Field House Team Room Water Jug Filling Station	OT	Faucet, Cold	C	2	↓
68	202	Other	Athletic Treatment Room	IM	Ice Machine	C	1	7:39
69	204	Other	Girls Field House	IM	Ice Machine	C	1	7:42
70	204A	Other	Girls Field House Team Room Water Jug Filling Station	OT	Faucet, Cold	C	2	↓
71	205	Other	Girls Field House Fountain - Left	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓
72	206	Other	Girls Field House Fountain - Right	DF	Drinking Water Fountain- Cooler/Chiller Style	C	1	↓
73	125A	Gymnasium	Gym Area/Laundry Room Water Jug Filling Station	OT	Faucet, Cold	C	1	7:31
74	158A	Hallway	Hall Fountain (next to A235 Corridor) - Bottom	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	7:21
75	180A	Hallway	Fountain Bottom (next to C222A corridor)	DF	Drinking Water Fountain- Cooler/Chiller Style	C	2	7:25
76	23F	Kitchen	Tri Sink- R (across from sprayer)	KS	Faucet, Cold	C	1	FLUSH 7:45
77	25F	Kitchen	Tri Sink -L (right of Hand Sink)	KS	Faucet, Cold	C	1	FLUSH ↓
78	26F	Kitchen	Tri Sink -R (right of Hand Sink)	KS	Faucet, Cold	C	1	FLUSH ↓