

# 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)** **Annapolis Middle School**

### **ELEVATED LEAD WATER SAMPLE RESULT(S)**

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations. On September 27, 2023, thirty-seven (37) lead water samples were collected from Annapolis Middle School. Of these lead water samples, two (2) 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 Annapolis Middle School were as follows:

6.20 (ppb) Sample #67 Kitchen Tri-Sink Right

63.2 (ppb) Sample #69 Kitchen Fill Station

### **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 #67 Kitchen Tri-Sink Right a "Dish Washing Only" sticker will be applied.

Sample #69 Kitchen Fill Station a "Do Not Drink" 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](http://www.epa.gov/lead). If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.



**AACPS - Operations Division**  
9034 Ft. Smallwood Road

Pasadena, MD 21122  
**Attention: Chris Williams; Brian Wells**

Monday, January 15, 2024

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

**Project Information:**

Report for Lab No: 70006.

School: Annapolis MS  
Sampling by regulation to Maryland House Bill 270 - Lead in Drinking Water  
P.O. Number: PO 21B21062901660  
Sampling by Martel personnel on September 27, 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.

**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.



## Certificate of Analysis

| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                               |           |            |                 | Sample Date/Time           |  |
|------------|----|--|-----------|------------|-----------------|----------------------------|--|
| 70006      | 4  | Hallway Hall Fountain (outside Faculty Lounge) [DF--C]     |           |            |                 | 09/27/2023 05:15           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 14:00 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                               |           |            |                 | Sample Date/Time           |  |
| 70006      | 6  | Hallway Hall Fountain (across from Music 312) - Left [DF-- |           |            |                 | 09/27/2023 05:00           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 14:12 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                               |           |            |                 | Sample Date/Time           |  |
| 70006      | 5  | Hallway Hall Fountain (across from Music 312) - Right [DF- |           |            |                 | 09/27/2023 05:12           |  |
| 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           |  |
| 70006      | 18 | Hallway Hall Fountain (across from Room 212) - Left [DF--C |           |            |                 | 09/27/2023 05:19           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 14:14 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                               |           |            |                 | Sample Date/Time           |  |
| 70006      | 19 | Hallway Hall Fountain (across from Room 212) - Right [DF-- |           |            |                 | 09/27/2023 05:00           |  |
| 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           |  |
| 70006      | 28 | Home Economics Home Economics 208 Dual Sink (wall Side)    |           |            |                 | 09/27/2023 05:25           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | 3.78   | ug/l      | EPA .200.8 | 2               | 01/09/2024 14:17 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                               |           |            |                 | Sample Date/Time           |  |
| 70006      | 30 | Home Economics Home Economics 208 (see map) [HE--C]        |           |            |                 | 09/27/2023 05:24           |  |
| 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           |  |
| 70006      | 29 | Home Economics Home Economics 208 (see map) [HE--C]        |           |            |                 | 09/27/2023 05:00           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 14:19 EK        |  |



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| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
|------------|----|--|-----------|------------|-----------------|----------------------------|--|
| 70006      | 31 | Home Economics Home Economics 208 (see map) [HE--C]          |           |            |                 | 09/27/2023 05:23           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 14:22 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 32 | Home Economics Home Economics 208 (see map) [HE--C]          |           |            |                 | 09/27/2023 05:23           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | 3.02   | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:29 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 33 | Home Economics Home Economics 208 (see map) [HE--C]          |           |            |                 | 09/27/2023 05:27           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | 2.17   | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:32 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 38 | Hallway Hall Fountain - Left [DF--C]                         |           |            |                 | 09/27/2023 05:33           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:34 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 39 | Hallway Hall Fountain - Right [DF--C]                        |           |            |                 | 09/27/2023 05:33           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:36 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 49 | Hallway Hall Fountain (outside Office of School Performance) |           |            |                 | 09/27/2023 05:30           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | 2.61   | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:46 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 52 | Hallway Hall Fountain (outside Health Room) [DF--C]          |           |            |                 | 09/27/2023 05:17           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | 3.76   | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:51 EK        |  |
| MARTEL NO. |    | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 53 | Nurses Office Health BR Boys [BS--C]                         |           |            |                 | 09/27/2023 05:28           |  |
| Compound   |    | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |    | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:54 EK        |  |



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| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                  |           |            |                 | Sample Date/Time           |  |
|------------|-----|---|-----------|------------|-----------------|----------------------------|--|
| 70006      | 54  | Nurses Office Health Br Girls [BS--C]         |           |            |                 | 09/27/2023 05:28           |  |
| Compound   |     | Test Value                                    | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2  | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:56 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                  |           |            |                 | Sample Date/Time           |  |
| 70006      | 55A | Lounge Teachers Lounge [TL--C]                |           |            |                 | 09/27/2023 06:27           |  |
| Compound   |     | Test Value                                    | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2  | ug/l      | EPA .200.8 | 2               | 01/09/2024 15:59 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                  |           |            |                 | Sample Date/Time           |  |
| 70006      | 57  | Gymnasium Aux Gym-South [DF--C]               |           |            |                 | 09/27/2023 06:25           |  |
| Compound   |     | Test Value                                    | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2  | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:01 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                  |           |            |                 | Sample Date/Time           |  |
| 70006      | 59  | Gymnasium Aux Gym Boys-Pull Up Bar DF [DF--C] |           |            |                 | 09/27/2023 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           |  |
| 70006      | 61  | Cafeteria Café Fountain - Left [DF--C]        |           |            |                 | 09/27/2023 05:37           |  |
| Compound   |     | Test Value                                    | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2  | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:04 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                  |           |            |                 | Sample Date/Time           |  |
| 70006      | 62  | Cafeteria Café Fountain - Right [DF--C]       |           |            |                 | 09/27/2023 05:37           |  |
| Compound   |     | Test Value                                    | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2  | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:06 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                  |           |            |                 | Sample Date/Time           |  |
| 70006      | 65  | Kitchen Kitchen dual [KS--C]                  |           |            |                 | 09/27/2023 05:40           |  |
| Compound   |     | Test Value                                    | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2  | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:08 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                  |           |            |                 | Sample Date/Time           |  |
| 70006      | 66  | Kitchen Tri Sink- L [KS--C]                   |           |            |                 | 09/27/2023 05:40           |  |
| Compound   |     | Test Value                                    | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2  | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:16 EK        |  |



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| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
|------------|-----|--|-----------|------------|-----------------|----------------------------|--|
| 70006      | 67  | Kitchen Tri Sink- R [KS--C]                                  |           |            |                 | 09/27/2023 05:40           |  |
| Compound   |     | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | 6.20   | ug/l*     | EPA .200.8 | 2               | 01/09/2024 16:23 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 69  | Kitchen Kitchen Fill Station [OT--C]                         |           |            |                 | 09/27/2023 05:42           |  |
| Compound   |     | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | 63.2   | ug/l*     | EPA .200.8 | 2               | 01/09/2024 16:26 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 87  | Hallway Fountain outside gym-Left (next to boys BR) [DF--C]  |           |            |                 | 09/27/2023 05:00           |  |
| 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           |  |
| 70006      | 88  | Hallway Fountain outside gym-Right/Top (next to boys BR) [   |           |            |                 | 09/27/2023 05:45           |  |
| Compound   |     | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:28 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 88A | Hallway Fountain outside gym - Right/Bottom (next to boys BR |           |            |                 | 09/27/2023 05:45           |  |
| Compound   |     | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:30 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 89  | Hallway Fountain outside gym - Left (next to girls BR) [DF   |           |            |                 | 09/27/2023 05:46           |  |
| Compound   |     | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:33 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 90  | Gymnasium Fountain outside gym - Right (next to girls BR)    |           |            |                 | 09/27/2023 05:47           |  |
| Compound   |     | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | <2   | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:35 EK        |  |
| MARTEL NO. |     | CLIENT SAMPLE IDENTIFICATION                                 |           |            |                 | Sample Date/Time           |  |
| 70006      | 94  | Gymnasium Gym Fountain (inside Gym) [DF--C]                  |           |            |                 | 09/27/2023 05:00           |  |
| Compound   |     | Test Value   | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |  |
| Lead       |     | n/a  |           | EPA .200.8 | 2               | / /                        |  |



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MARTEL NO. 70006 95 CLIENT SAMPLE IDENTIFICATION Gymnasium Gym Fountain (inside Gym by back door) [DF--C] Sample Date/Time 09/27/2023 05:51

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:38 EK        |

MARTEL NO. 70006 97 CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (by Boys BR) - Left [DF--C] Sample Date/Time 09/27/2023 06:17

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:40 EK        |

MARTEL NO. 70006 98 CLIENT SAMPLE IDENTIFICATION Hallway hall Fountain (by Girls BR) - Right [DF--C] Sample Date/Time 09/27/2023 06:00

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | n/a        |           | EPA .200.8 | 2               | 11                         |

MARTEL NO. 70006 124 CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across 130) Girls [DF--C] Sample Date/Time 09/27/2023 06:00

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | n/a        |           | EPA .200.8 | 2               | 11                         |

MARTEL NO. 70006 125 CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (across 130) Boys [DF--C] Sample Date/Time 09/27/2023 06:04

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | 2.18       | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:42 EK        |

MARTEL NO. 70006 134 CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (next to Faculty BR) [DF--C] Sample Date/Time 09/27/2023 06:04

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:52 EK        |

MARTEL NO. 70006 154 CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain Boys BR (across from 232) [DF--C] Sample Date/Time 09/27/2023 05:59

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:57 EK        |

MARTEL NO. 70006 155 CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain Girls BR (across from 232) [DF--C] Sample Date/Time 09/27/2023 05:58

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 16:59 EK        |

Martel Laboratories JDS Inc.

1025 Cromwell Bridge Road - Baltimore, Maryland 21286  
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MARTEL NO. 70006 166 CLIENT SAMPLE IDENTIFICATION Hallway Hall Fountain (next to storage 28) [DF--C] Sample Date/Time 09/27/2023 05:56

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | 2.22       | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:02 EK        |

MARTEL NO. 70006 168 CLIENT SAMPLE IDENTIFICATION Lounge Teachers Lounge (across 225) See map [TL--C] Sample Date/Time 09/27/2023 06:12

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | 3.67       | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:04 EK        |

MARTEL NO. 70006 171 CLIENT SAMPLE IDENTIFICATION Lounge Teachers Lounge (across 225) See map [TL--C] Sample Date/Time 09/27/2023 06:12

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:07 EK        |

MARTEL NO. 70006 175A CLIENT SAMPLE IDENTIFICATION Lounge Teachers Lounge Sink (corner, by window) [TL--C] Sample Date/Time 09/27/2023 06:00

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | n/a        |           | EPA .200.8 | 2               | / /                        |

MARTEL NO. 70006 185 CLIENT SAMPLE IDENTIFICATION Hallway Fountain - Bottom (across from MSOS) [DF--C] Sample Date/Time 09/27/2023 06:14

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:09 EK        |

MARTEL NO. 70006 185A CLIENT SAMPLE IDENTIFICATION Hallway Fountain - Top (across from MSOS) [BF--C] Sample Date/Time 09/27/2023 06:14

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:12 EK        |

MARTEL NO. 70006 65F CLIENT SAMPLE IDENTIFICATION Kitchen Kitchen dual [KS--C] Sample Date/Time 09/27/2023 06:33

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:14 EK        |

MARTEL NO. 70006 66F CLIENT SAMPLE IDENTIFICATION Kitchen Tri Sink- L [KS--C] Sample Date/Time 09/27/2023 06:33

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:16 EK        |

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1025 Cromwell Bridge Road - Baltimore, Maryland 21286  
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AACOP1

01/15/2024

P 07



|            |       |     |                              |                  |
|------------|-------|-----|------------------------------|------------------|
| MARTEL NO. | 70006 | 67F | CLIENT SAMPLE IDENTIFICATION | Sample Date/Time |
|            |       |     | Kitchen Tri Sink- R [KS--C]  | 09/27/2023 06:33 |

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | <2         | ug/l      | EPA .200.8 | 2               | 01/09/2024 17:24 EK        |

|            |       |     |                                      |                  |
|------------|-------|-----|--------------------------------------|------------------|
| MARTEL NO. | 70006 | 69F | CLIENT SAMPLE IDENTIFICATION         | Sample Date/Time |
|            |       |     | Kitchen Kitchen Fill Station [OT--C] | 09/27/2023 06:33 |

| Compound | Test Value | Test Unit | Method     | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead     | n/a        |           | EPA .200.8 | 2               | / /                        |

# MARTEL Chain of Custody Record

Martel Laboratories JDS Inc., 1025 Cromwell Bridge Rd., Baltimore, MD 21286, (410) 825-7790, FAX (410) 821-1054, email: martel@martellabs.com

## Anne Arundel County Public Schools Drinking Water Lead Testing

Bottle Type: 250 ml plastic, preserved with HNO3 Analysis: Lead (EPA 200.8)

Start Date/Time: 9/27/23 5:12 End Date/Time: 9/27/23 6:33  
 Sampler/Relinquished By: Allie Walcott Received at Martel by: [Signature] Date/Time: 9/27/23 0800

Annapolis MS

1399 Forest Dr, Annapolis, MD 21403

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

Floor

Martel NO:

**70006**

| Martel # | Sample # | Room #         | Fixture Type<br>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.) | Outlet Key<br>Codes | Fixture<br>Types Key                          | Consumption<br>C or NC? | Time/notes   |
|----------|----------|----------------|--|---------------------|---|-------------------------|--------------|
| 1        | 4        | Hallway        | Hall Fountain (outside Faculty Lounge)   | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:15       |
| 2        | 5        | Hallway        | Hall Fountain (across from Music 312) - Left   | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:12       |
| 3        | 6        | Hallway        | Hall Fountain (across from Music 312) - Right  | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1            |
| 4        | 18       | Hallway        | Hall Fountain (across from Room 212) - Left  | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:19       |
| 5        | 19       | Hallway        | Hall Fountain (across from Room 212) - Right   | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1            |
| 6        | 28       | Home Economics | Home Economics 208 Dual Sink (wall Side) (see map)                                       | HE                  | Faucet, Cold                                  | C                       | 1 5:25       |
| 7        | 29       | Home Economics | Home Economics 208 (see map)   | HE                  | Faucet, Cold                                  | C                       | 1 5:24       |
| 8        | 30       | Home Economics | Home Economics 208 (see map)   | HE                  | Faucet, Cold                                  | C                       | 1            |
| 9        | 31       | Home Economics | Home Economics 208 (see map)   | HE                  | Faucet, Cold                                  | C                       | 1 5:23       |
| 10       | 32       | Home Economics | Home Economics 208 (see map)   | HE                  | Faucet, Cold                                  | C                       | 1 5:23       |
| 11       | 33       | Home Economics | Home Economics 208 (see map)   | HE                  | Faucet, Cold                                  | C                       | 1 5:22       |
| 12       | 38       | Hallway        | Hall Fountain - Left   | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:32       |
| 13       | 39       | Hallway        | Hall Fountain - Right  | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:33       |
| 14       | 49       | Hallway        | Hall Fountain (outside Office of School Performance)                                     | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:30       |
| 15       | 52       | Hallway        | Hall Fountain (outside Health Room)  | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:17       |
| 16       | 53       | Nurses Office  | Health BR Boys   | BS                  | Faucet, Cold                                  | C                       | 1 5:28       |
| 17       | 54       | Nurses Office  | Health Br Girls  | BS                  | Faucet, Cold                                  | C                       | 1 5:28       |
| 18       | 55A      | Lounge         | Teachers Lounge  | TL                  | Faucet, Cold                                  | C                       | 1 6:27       |
| 19       | 57       | Gymnasium      | Aux Gym-South  | DF                  | Drinking Water Fountain-Bubbler Style         | C                       | 1 6:25       |
| 20       | 59       | Gymnasium      | Aux Gym Boys Pull-Up Bar DF  | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1            |
| 21       | 61       | Cafeteria      | Café Fountain - Left   | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:37       |
| 22       | 62       | Cafeteria      | Café Fountain - Right  | DF                  | Drinking Water Fountain- Cooler/Chiller Style | C                       | 1 5:37       |
| 23       | 65       | Kitchen        | Kitchen dual   | KS                  | Faucet, Cold                                  | C                       | 1 FLUSH 5:40 |

Annapolis MS

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|               |                 |                      |  |               |  |              |              |                  |
|---------------|-----------------|----------------------|--|---------------|--|--------------|--------------|------------------|
| 24            | 66              | Kitchen              | Tri Sink- L  | KS            | Faucet, Cold   | C            | 1            | FLUSH 5:40       |
| 25            | 67              | Kitchen              | Tri Sink- R  | KS            | Faucet, Cold   | C            | 1            | 5:40             |
| 26            | 69              | Kitchen              | Kitchen Fill Station                                   | OT            | Kitchen Kettle, Cold                                     | C            | 1            | 5:42             |
| <del>27</del> | <del>87</del>   | <del>Hallway</del>   | <del>Fountain outside gym-Left (next to boys BR)</del> | <del>DF</del> | <del>Drinking Water Fountain- Cooler/Chiller Style</del> | <del>C</del> | <del>1</del> | <del></del>      |
| 28            | 88              | Hallway              | Fountain outside gym-Right/Top (next to boys BR)       | BF            | Bottle Refill Dispenser/Water Refill Station             | C            | 1            | 5:45             |
| 29            | 88A             | Hallway              | Fountain outside gym - Right/Bottom (next to boys BR)  | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 1            | 5:45             |
| 30            | 89              | Hallway              | Fountain outside gym - Left (next to girls BR)         | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 1            | 5:46             |
| 31            | 90              | Gymnasium            | Fountain outside gym - Right (next to girls BR)        | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 1            | 5:47             |
| <del>32</del> | <del>94</del>   | <del>Gymnasium</del> | <del>Gym Fountain (inside Gym)</del>                   | <del>DF</del> | <del>Drinking Water Fountain- Cooler/Chiller Style</del> | <del>C</del> | <del>1</del> | <del></del>      |
| 33            | 95              | Gymnasium            | Gym Fountain (inside Gym by back door)                 | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 1            | 5:51             |
| 34            | 97              | Hallway              | Hall Fountain (by Boys BR) - Left                      | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 2            | 6:17             |
| <del>35</del> | <del>98</del>   | <del>Hallway</del>   | <del>Hall Fountain (by Girls BR) - Right</del>         | <del>DF</del> | <del>Drinking Water Fountain- Cooler/Chiller Style</del> | <del>C</del> | <del>2</del> | <del></del>      |
| <del>36</del> | <del>124</del>  | <del>Hallway</del>   | <del>Hall Fountain (across 130) Girls</del>            | <del>DF</del> | <del>Drinking Water Fountain- Cooler/Chiller Style</del> | <del>C</del> | <del>2</del> | <del></del>      |
| 37            | 125             | Hallway              | Hall Fountain (across 130) Boys                        | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 2            | 6:04             |
| 38            | 134             | Hallway              | Hall Fountain (next to Faculty BR)                     | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 2            | 6:04             |
| 39            | 154             | Hallway              | Hall Fountain Boys BR (across from 232)                | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 2            | 5:59             |
| 40            | 155             | Hallway              | Hall Fountain Girls BR (across from 232)               | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 2            | 5:58             |
| 41            | 166             | Hallway              | Hall Fountain (next to storage 28)                     | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 2            | 5:56             |
| 42            | 168             | Lounge               | Teachers Lounge (across 225) See map                   | TL            | Faucet, Cold   | C            | 2            | 6:12             |
| 43            | 171             | Lounge               | Teachers Lounge (across 225) See map                   | TL            | Faucet, Cold   | C            | 2            | 6:12             |
| <del>44</del> | <del>175A</del> | <del>Lounge</del>    | <del>Teachers Lounge Sink (corner, by window)</del>    | <del>TL</del> | <del>Faucet, Cold</del>                                  | <del>C</del> | <del>2</del> | <del></del>      |
| 45            | 185             | Hallway              | Fountain - Bottom (across from MSOS)                   | DF            | Drinking Water Fountain- Cooler/Chiller Style            | C            | 2            | 6:14             |
| 46            | 185A            | Hallway              | Fountain - Top (across from MSOS)                      | BF            | Bottle Refill Dispenser/Water Refill Station             | C            | 2            | 6:14             |
| 47            | 65              | Kitchen              | Kitchen dual   | KS            | Faucet, Cold   | C            | 1            | FLUSH 6:33       |
| 48            | 66              | Kitchen              | Tri Sink- L  | KS            | Faucet, Cold   | C            | 1            | FLUSH 6:33       |
| 49            | 67              | Kitchen              | Tri Sink- R  | KS            | Faucet, Cold   | C            | 1            | FLUSH 6:33       |
| <del>50</del> | <del>69</del>   | <del>Kitchen</del>   | <del>Kitchen Fill Station</del>                        | <del>OT</del> | <del>Kitchen Kettle, Cold</del>                          | <del>C</del> | <del>1</del> | <del>FLUSH</del> |

cold not connected  
TODK not

not working

P 1.0