

Montgomery County Public Schools Lead in Drinking Water Testing Report

Cabin Branch Elementary School
14129 Dunlin St.
Clarksburg, MD 20871

Report Date: December 19, 2024

LEAD IN DRINKING WATER SAMPLE RESULTS SUMMARY

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 (COMAR). Montgomery County Public Schools (MCPS) is required to remediate outlets where lead in drinking water concentrations exceed the State Action Level (AL) of 5 parts per billion (ppb). A summary of the lead in water initial samples collected by KCI Technologies Inc. is presented in the table below.

| | |
|---------------------------|------------|
| Sampling Date | 11/15/2024 |
| # of Outlets Tested | 38 |
| # of Outlets \geq 5 ppb | 0 |

NEXT STEPS

If an initial sample exceeds the AL (5 ppb), the outlet will be shut-down within 24 hours, a follow-up sample collected, and a remedial plan of action developed for this outlet. No additional sampling or remedial actions are required for schools where all initial samples are below the AL.

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 outlets, food, cosmetics, exposure in the workplace and from certain hobbies. 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.

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 Brian Mullikin, Environmental Team Leader, at 240.740.2324 or brian_a_mullikin@mcpsmd.org.
2. 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.
3. 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.

Please refer to the attachment(s) for additional water sampling information.

Attachment(s) A – Lead in Water Sample Results Table

ATTACHMENT A

Lead in Water Sample Results Table

Sampling Results for Cabin Branch ES

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|----------------|--|--|-----------------------|-----------|------------------|
| LW13501 | In Hallway Next to 223 | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13502 | In Office Room 223 | Faucet, Cold | 2.5 | Pass | Testing Complete |
| LW13503 | In Classroom (Special Ed) 214 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13504 | In Office 240 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13514 | In Office 103 Speech | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13515 | In Hallway Across From 139 | Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13516 | In Hallway Across From 139 | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler | <1.0 | Pass | Testing Complete |
| LW13517 | In Hallway Across From 139 | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13518 | In Office 137 OT/PT | Faucet, Cold | 1.1 | Pass | Testing Complete |
| LW13519 | In Hallway Across From 128 | Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13521 | In Hallway Across From 128 | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13522 | In Classroom (Special Ed) 130 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13523 | In Classroom (Special Ed) 130 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13524 | In Classroom (Special Ed) 126 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13525 | In Classroom (Special Ed) 123 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13526 | In Office 124 | Faucet, Cold | 1.1 | Pass | Testing Complete |
| LW13531 | In 102 Health | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13532 | In 102c Exam Room | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13533 | In 100B Workroom in Main Office | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13534 | In 106 Staff Lounge | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13535 | In 110 Kitchen | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13536 | In 110 Kitchen | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13537 | In 110 Kitchen | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13538 | In 110 Kitchen | Commercial Kitchen Kettle, Cold | <1.0 | Pass | Testing Complete |
| LW13539 | IN Media Center 107 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13657 | In Classroom (Special Ed) 120 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13658 | In Hallway Across from Gymnasium 165 | Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13659 | In Hallway Across From gymnasium 165 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13660 | In Hallway Across from Gymnasium 165 | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13661 | In Hallway Across from Multipurpose Room 104 | Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated) | <1.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initial Results (ppb) | Pass/Fail | Status |
|-----------------------|--|--|------------------------------|------------------|------------------|
| LW13662 | In Hallway Across from Multipurpose Room 104 | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler | <1.0 | Pass | Testing Complete |
| LW13663 | In Hallway Across from Multipurpose Room 104 | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13664 | In Workroom 250 | Faucet, Cold | <1.0 | Pass | Testing Complete |
| LW13665 | In Hallway next to 235 | Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13666 | In Hallway next to 235 | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler | <1.0 | Pass | Testing Complete |
| LW13667 | In Hallway next to 235 | Drinking Water Fountain - Cooler/Chiller Style (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13668 | In Hallway next to 223 | Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated) | <1.0 | Pass | Testing Complete |
| LW13669 | In Hallway next to 223 | Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler | <1.0 | Pass | Testing Complete |