

Montgomery County Public Schools Lead in Drinking Water Testing Report

Harriet R. Tubman Elementary School
400 Victory Farm Dr.
Gaithersburg, MD 20877

Report Date: June 12th, 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 Inspection Experts Inc. is presented in the table below.

Sampling Date	5/1/2024
# of Outlets Tested	77
# of Outlets \geq 5 ppb	2

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 work place 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 Harriet Tubman ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW13381	In hallway adjacent to CR 316	Bottle Refill Dispenser/Water Refill Station	<2.0	Pass	Testing Complete
LW13382	In Hallway Adjacent to CR 316	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW13383	In Hallway Adjacent to CR316	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW13384	In classroom 302	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14501	In classroom 306D	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14502	In classroom 306E	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14503	In classroom 308	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14504	In classroom 316	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14505	In classroom 320	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14506	In classroom 310	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14507	In classroom 334	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW14508	In classroom 330	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14509	In classroom 340	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14510	In classroom 338	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14511	In classroom 342	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14512	In classroom 344	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14513	In classroom 202	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14514	In classroom 346	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14515	In staff lounge	Faucet, Cold	<2.0	Pass	Testing Complete
LW14516	In staff lounge	Faucet, Cold	<2.0	Pass	Testing Complete
LW14517	In classroom 206D	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14518	In classroom 206E	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete
LW14520	In classroom 208	Drinking Water Fountain - Bubblers Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW14521	In Hallway Adjacent to CR 208	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14522	In Hallway Adjacent to CR 208	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14523	In classroom 208	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14524	In classroom 216	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14525	In classroom 230	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14526	In classroom 210	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14527	In classroom 238	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14528	In classroom 220	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14529	In health Room (Exam/Solution)	Faucet, Cold	2.5	Pass	Testing Complete
LW14530	In classroom 234	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14531	In health Room	Faucet, Cold	7.0	Fail	Remediation Action Plan
LW14532	In health room	Drinking Water Fountain - Bubbler Style	9.2	Fail	Remediation Action Plan

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW14533	In office health Room	Faucet, Cold	3.0	Pass	Testing Complete
LW14534	In Office 107	Faucet, Cold	<2.0	Pass	Testing Complete
LW14535	In Office 107	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14536	In work room 100D	Faucet, Cold	<2.0	Pass	Testing Complete
LW14537	In Office 103	Faucet, Cold	<2.0	Pass	Testing Complete
LW14538	In Media Center	Faucet, Cold	3.6	Pass	Testing Complete
LW14540	In classroom 108	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14541	In kitchen	Faucet, Cold	<2.0	Pass	Testing Complete
LW14542	In kitchen	Faucet, Cold	<2.0	Pass	Testing Complete
LW14543	In kitchen	Faucet, Cold	<2.0	Pass	Testing Complete
LW14544	In kitchen	Faucet, Cold	<2.0	Pass	Testing Complete
LW14545	In kitchen	Faucet, Cold	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW14546	In Cafeteria	Bottle Refill Dispenser/Water Refill Station	<2.0	Pass	Testing Complete
LW14547	In Cafeteria	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14548	In Cafeteria	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14550	In classroom 135	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14552	In classroom 137	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14555	In classroom 139	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14557	In classroom 139	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14558	In hallway adjacent to GYM	Bottle Refill Dispenser/Water Refill Station	<2.0	Pass	Testing Complete
LW14559	In Hallway Adjacent to GYM	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14560	In Hallway Adjacent to GYM	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14562	In classroom 110	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14564	In classroom 112	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW14566	In hallway adjacent to CR112	Bottle Refill Dispenser/Water Refill Station	<2.0	Pass	Testing Complete
LW14567	In Hallway Adjacent to CR 112	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14568	In Hallway Adjacent to CR112	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14570	In classroom 120	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14572	In classroom 122	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14574	In classroom 116	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14577	In classroom 130	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14579	In classroom 132	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14581	In classroom 134	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14583	In classroom 138	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14585	In classroom 140	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14587	In classroom 142	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW14589	In classroom 144	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14591	In classroom 146	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14593	In classroom 246	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14595	In classroom 242	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14597	In classroom 244	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW14599	In classroom 240	Drinking Water Fountain - Bubbler Style	<2.0	Pass	Testing Complete