

# Montgomery County Public Schools Lead in Drinking Water Testing Report

Rosemont Elementary School  
16400 Alden Ave,  
Gaithersburg, MD 20877

Report Date: June 16th, 2023

## 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	3/14/23
# of Outlets Tested	56
# 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](mailto: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](http://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 Rosemont ES

<b>Outlet Barcode</b>	<b>Outlet Location</b>	<b>Outlet Type</b>	<b>Initial Results (ppb)</b>	<b>Pass/Fail</b>	<b>Status</b>
LW00209	In classroom 228	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00211	In classroom 227	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00212	In hallway across from 225a storage	Drinking Fountain	<1.0	Pass	Testing Complete
LW00213	In hallway across from 225a storage	Drinking Fountain	< 1.0	Pass	Testing Complete
LW00215	In classroom 224	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00217	In classroom 223	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00219	In classroom 221	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00221	In classroom 222	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00223	In classroom 220	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00224	In hallway Close to elevator 2nd Floor	Drinking Fountain	<1.0	Pass	Testing Complete
LW00226	In classroom 203	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00228	In classroom 204	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00230	In classroom 206	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00232	In classroom 205	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00234	In classroom 207	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00236	In classroom 208	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete

<b>Outlet Barcode</b>	<b>Outlet Location</b>	<b>Outlet Type</b>	<b>Initial Results (ppb)</b>	<b>Pass/Fail</b>	<b>Status</b>
LW00238	In classroom 209	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00240	In classroom 210	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00244	In kindergarten 117 Pre-k	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00246	In special ed 116 Capp	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00248	In special ed 115 Capp	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00250	In special ed 114 Capp	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00252	In kindergarten 113	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00254	In classroom 112 5th Grade	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00256	In kindergarten 111	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00258	In COC- CR109	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00260	In ESOL 104	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00262	In kindergarten 107	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00263	In health room next to main office	Nurses Office Sink	< 1.0	Pass	Testing Complete
LW00265	In kindergarten 105	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW11763	In hallway right of building Service office	Drinking Fountain	< 1.0	Pass	Testing Complete
LW00268	In hallway right of 126	Drinking Fountain	<1.0	Pass	Testing Complete
LW00269	In hallway right of 126	Drinking Fountain	<1.0	Pass	Testing Complete

<b>Outlet Barcode</b>	<b>Outlet Location</b>	<b>Outlet Type</b>	<b>Initial Results (ppb)</b>	<b>Pass/Fail</b>	<b>Status</b>
LW00271	In classroom 128	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00273	In classroom 127	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00275	In classroom 123	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00277	In classroom 124	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00279	In classroom 122	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00281	In classroom 121	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00283	In classroom 120	Classroom Combination Drinking Fountain	< 1.0	Pass	Testing Complete
LW00284	In hallway outside of gym 130	Drinking Fountain	<1.0	Pass	Testing Complete
LW00285	In hallway outside of gym 130	Drinking Fountain	<1.0	Pass	Testing Complete
LW008437	In hallway close to elevator 2nd floor	Drinking Fountain	<1.0	Pass	Testing Complete
LW09477	In kitchen by all purpose room	Kitchen Sink	< 1.0	Pass	Testing Complete
LW09479	Teachers lounge	Teachers lounge sink	< 1.0	Pass	Testing Complete
LW09480	HW-N-119A	Drinking Fountain	< 1.0	Pass	Testing Complete
M02819	In break room 2nd Floor	Teachers Lounge Sink	< 1.0	Pass	Testing Complete
M02821	In staff development 202	Classroom Sink	2.3	Pass	Testing Complete
M02823	In hallway Close to elevator 2nd Floor	Drinking Fountain	<1.0	Pass	Testing Complete
M02855	In work room by admin	Classroom Sink	1.1	Pass	Testing Complete

<b>Outlet Barcode</b>	<b>Outlet Location</b>	<b>Outlet Type</b>	<b>Initial Results (ppb)</b>	<b>Pass/Fail</b>	<b>Status</b>
M02873	In hallway across from media storage	Drinking Fountain	<1.0	Pass	Testing Complete
M02874	In hallway across from media storage	Drinking Fountain	<1.0	Pass	Testing Complete
M05019	In work room 110B by media center	Classroom Sink	1.5	Pass	Testing Complete
LW11762	In hallway right of building Service office	Drinking Fountain	<1.0	Pass	Testing Complete
LW00267	In hallway right of building Service office	Drinking Fountain	<1.0	Pass	Testing Complete
LW09478	In Kitchen	Kitchen Sink	<1.0	Pass	Testing Complete