

Attachment C

Montgomery County Public Schools Lead in Drinking Water Testing Report

Arcola Elementary School
1820 Franwell Ave.
Wheaton, MD 20902

Report Date: March 17th, 2020

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 “insert company name” is presented in the table below.

Sampling Date	2/11/2020
# of Outlets Tested	92
# of Outlets ≥ 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 Arcola ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW03004	In kitchen 151 by cafeteria	Kitchen Sink	1.9	Pass	Testing Complete
LW03005	In kitchen 151	Kitchen Sink	<1	Pass	Testing Complete
LW03006	In kitchen 151	Kitchen Sink	6.2	Fail	Remediation Action Plan
LW03007	In Multipurpose room 101	Drinking Fountain	<1	Pass	Testing Complete
LW03021	In Multipurpose room 101	Drinking Fountain	<1	Pass	Testing Complete
LW03022	In hallway adjacent to 125	Drinking Fountain	<1	Pass	Testing Complete
LW03023	In hallway adjacent to 121	Drinking Fountain	10.3	Fail	Remediation Action Plan
LW03024	In classroom 21	Classroom Sink	<1	Pass	Testing Complete
LW03025	In classroom 21	Classroom Combination Sink	<1	Pass	Testing Complete
LW03026	In classroom 21	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03027	In classroom 4	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03028	In classroom 4	Classroom Combination Sink	<1	Pass	Testing Complete
LW03029	In classroom 16	Classroom Combination Sink	<1	Pass	Testing Complete
LW03030	In classroom 16	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03031	In classroom 18	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03032	In classroom 18	Classroom Combination Sink	<1	Pass	Testing Complete
LW03033	In classroom 22	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03034	In classroom 22	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03035	In classroom 24	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03036	In classroom 24	Classroom Combination Sink	<1	Pass	Testing Complete
LW03037	In classroom 28	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03038	In classroom 28	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03039	In hallway adjacent from room 021	Drinking Fountain	<1	Pass	Testing Complete
LW03040	In hallway adjacent to room 025	Drinking Fountain	<1	Pass	Testing Complete
LW03041	In classroom 40	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03042	In classroom 40	Classroom Combination Sink	<1	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW03043	In classroom 44	Classroom Combination Sink	<1	Pass	Testing Complete
LW03044	In classroom 44	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03045	In classroom 54	Classroom Combination Sink	<1	Pass	Testing Complete
LW03229	In hallway across from room 101	Drinking Fountain	<1	Pass	Testing Complete
LW03230	In classroom 9	Classroom Combination Sink	<1	Pass	Testing Complete
LW03231	In classroom 9	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03232	In classroom 13	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03233	In classroom 13	Classroom Combination Sink	<1	Pass	Testing Complete
LW03234	In classroom 15	Classroom Combination Sink	<1	Pass	Testing Complete
LW03235	In classroom 15	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03236	In classroom 19	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03237	In classroom 19	Classroom Combination Sink	1.0	Pass	Testing Complete
LW03238	In classroom 27	Classroom Combination Sink	<1	Pass	Testing Complete
LW03239	In classroom 27	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03240	In classroom 31	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03241	In classroom 31	Classroom Combination Sink	1.4	Pass	Testing Complete
LW03242	In classroom 127	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03243	In classroom 154	Classroom Combination Sink	<1	Pass	Testing Complete
LW03244	In classroom 154	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03245	In classroom 152	Classroom Combination Sink	<1	Pass	Testing Complete
LW03246	In classroom 152	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03248	In resource center 6	Classroom Sink	<1	Pass	Testing Complete
LW03249	In classroom 12	Classroom Combination Sink	<1	Pass	Testing Complete
LW03250	In classroom 12	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03251	In classroom 3	Classroom Combination Sink	<1	Pass	Testing Complete
LW03252	In classroom 3	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03253	In classroom 7	Classroom Combination Drinking Fountain	<1	Pass	Testing Complete
LW03254	In classroom 7	Classroom Combination Sink	<1	Pass	Testing Complete
LW03346	In classroom 50	Classroom Combination Sink	<1	Pass	Testing Complete