

Montgomery County Public Schools Lead in Drinking Water Testing Report

Snowden Farm Elementary School
22500 Sweetspire Drive
Clarksburg, MD 20871

Report Date: March 31st, 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 Montgomery County Action Level (AL) of 5 parts per billion (ppb). A summary of the lead in water initial samples collected by SaLUT are presented in the table below.

Sampling Date	3/12/2020
# of Outlets Tested	95
# of Outlets \geq 5 ppb	1

NEXT STEPS

If an initial sample exceeds the AL (5 ppb), the outlet will be immediately shut-down, a follow-up sample collected, and a remedial plan of action developed for this outlet. Due to the Stay-at-Home Order to combat the spread of COVID-19 (coronavirus), no follow-up samples were collected. 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 fixtures, 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 Snowden Farm ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW07787	In classroom 170	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07789	In classroom 168	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07790	In classroom 168	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07788	In classroom 170	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09555	In Health room 102	Nurses Office Sink	<1	Pass	N/A	Testing Complete
LW09860	In classroom 231	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09945	In room 102C	Nurses Office Sink	12.5	Fail	NC	Remediation Action Plan
LW08413	In classroom 151	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete
LW09556	Workroom 100C	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
LW09557	Staff Lounge 106	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
LW08415	In classroom 151	Classroom Combination Drinking Fountain	3.0	Pass	N/A	Testing Complete
LW08417	In classroom 139	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08470	In hallway adjacent to 130	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09815	In classroom 250	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07791	In classroom 164	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07796	In classroom 158	Classroom Combination Drinking Fountain	2.1	Pass	N/A	Testing Complete
LW07804	In classroom 140	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07792	In classroom 164	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07794	In classroom 162	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07795	In classroom 158	Classroom Combination Sink	3.6	Pass	N/A	Testing Complete
LW08416	In classroom 139	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09856	In classroom 235	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09857	In classroom 235	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09863	In office 229	Classroom Combination Drinking Fountain	1.2	Pass	N/A	Testing Complete
LW07793	In classroom 162	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07797	In classroom 154	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07801	In classroom 144	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

LW08418	In classroom 135	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08419	In classroom 135	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08420	In hallway adjacent to 131	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09858	In classroom 246	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09862	Office 229	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09947	In kitchen room 110	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW09948	In kitchen room 110	Kitchen Sink	4.8	Pass	N/A	Testing Complete
LW09859	Classroom 246	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09864	Adjacent to office 229	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09865	Adjacent to office 229	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08421	In hallway adjacent to 131	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08422	In hallway adjacent to 131	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08469	In hallway adjacent to 130	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09946	In kitchen Room 110	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW09560	Adjacent to men's bathroom 112	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07798	In classroom 154	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09861	Classroom 231	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09559	Adjacent to men's bathroom 112	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08423	In classroom 133	Classroom Sink	<1	Pass	N/A	Testing Complete
LW07799	In classroom 150	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07806	In classroom 121	Classroom Combination Drinking Fountain	2.0	Pass	N/A	Testing Complete
LW07808	In classroom 124	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07800	In classroom 150	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07802	In classroom 144	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07803	In classroom 140	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09558	Adjacent to men's bathroom 112	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09866	Adjacent to office 229	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09867	Classroom 244	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09876	Classroom 232	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09879	In classroom 224	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

LW09885	Adjacent to office 219	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08471	In hallway adjacent to 130	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09868	Classroom 244	Classroom Combination Drinking Fountain	2.3	Pass	N/A	Testing Complete
LW09869	Classroom 240	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09870	Classroom 240	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08472	In classroom 125	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09893	Classroom 217	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07805	In classroom 121	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08473	In classroom 125	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09873	In classroom 234	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09874	Classroom 234	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09875	In classroom 232	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09878	Classroom 228	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09883	In classroom 218	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07807	In classroom 124	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07809	In classroom 120	Classroom Combination Sink	2.8	Pass	N/A	Testing Complete
LW07810	In classroom 120	Classroom Combination Drinking Fountain	2.7	Pass	N/A	Testing Complete
LW09877	In classroom 228	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09880	Classroom 224	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09881	In classroom 222	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09884	Classroom 218	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09886	Adjacent to office 219	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09887	Adjacent to office 219	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09882	Classroom 222	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07811	In classroom 148	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07812	In classroom 148	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09888	In office 219	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09889	Office 219	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09890	In classroom 216	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09895	In classroom 217	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

LW09891	Classroom 216	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09892	Classroom 217	Classroom Combination Sink	2.5	Pass	N/A	Testing Complete
LW09894	In classroom 212	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09816	In classroom 250	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09898	In classroom 247	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09896	In classroom 213	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09899	In classroom 247	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09897	In classroom 213	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

NC - Not Collected (No follow-up sample collected due to COVID-19 (Coronavirus) Stay-at-Home Order.)