

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Snowden Farm Elementary School
22500 Sweetspire Drive
Clarksburg, MD 20871**

Report Date: July 27th, 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 | 4/26/23 |
| # of Outlets Tested | 36 |
| # of Outlets \geq 5 ppb | 3 |

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 Snowden Farms ES

| Outlet Barcode | Outlet Location | Outlet Type | Initials Results (ppb) | Pass/Fail | Status |
|----------------|--------------------------------|---|------------------------|-----------|-------------------------|
| LW07808 | In classroom 124 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08415 | In classroom 151 | Classroom Combination Drinking Fountain | 1.2 | Pass | Testing Complete |
| LW08420 | In hallway adjacent to 131 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08421 | In hallway adjacent to 131 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08422 | In hallway adjacent to 131 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08469 | In hallway adjacent to 130 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08470 | In hallway adjacent to 130 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08471 | In hallway adjacent to 130 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09555 | In Health room 102 | Nurses Office Sink | <1.0 | Pass | Testing Complete |
| LW09556 | Workroom 100C | Teachers Lounge Sink | <1.0 | Pass | Testing Complete |
| LW09557 | Staff Lounge 106 | Teachers Lounge Sink | <1.0 | Pass | Testing Complete |
| LW09558 | Adjacent to men's bathroom 112 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09559 | Adjacent to men's bathroom 112 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09857 | In classroom 235 | Classroom Combination Drinking Fountain | 5.3 | Fail | Remediation Action Plan |
| LW09863 | In office 229 | Classroom Combination Drinking Fountain | 10.5 | Fail | Remediation Action Plan |
| LW09864 | Adjacent to office 229 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09865 | Adjacent to office 229 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09866 | Adjacent to office 229 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09876 | Classroom 232 | Classroom Combination Drinking Fountain | 2.9 | Pass | Testing Complete |
| LW09884 | Classroom 218 | Classroom Combination Drinking Fountain | 2.1 | Pass | Testing Complete |
| LW09885 | Adjacent to office 219 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09886 | Adjacent to office 219 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09887 | Adjacent to office 219 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09889 | Office 219 | Classroom Combination Drinking Fountain | 4.8 | Pass | Testing Complete |
| LW09899 | In classroom 247 | Classroom Combination Drinking Fountain | 4.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initials Results (ppb) | Pass/Fail | Status |
|-----------------------|------------------------|---|-------------------------------|------------------|-------------------------|
| LW09945 | In room 102C | Nurses Office Sink | 2.8 | Pass | Testing Complete |
| LW09946 | In kitchen room 110 | Kitchen Sink | <1.0 | Pass | Testing Complete |
| LW09947 | In kitchen room 110 | Kitchen Sink | <1.0 | Pass | Testing Complete |
| LW09948 | In kitchen room 110 | Kitchen Sink | <1.0 | Pass | Testing Complete |
| LW08468 | In classroom 134 | Classroom Combination Drinking Fountain | 2.3 | Pass | Testing Complete |
| LW08475 | In classroom 109 | Classroom Combination Drinking Fountain | 7.7 | Fail | Remediation Action Plan |
| LW09564 | In classroom 184 | Classroom Combination Drinking Fountain | 2.8 | Pass | Testing Complete |
| LW09567 | Next to 181 Gym | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09569 | Next to 181 Gym | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW09950 | In classroom 182 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW02520 | In classroom 184 | Classroom Combination Drinking Fountain | 1.3 | Pass | Testing Complete |

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.)