

Montgomery County Public Schools Lead in Drinking Water Testing Report

Stedwick Elementary School
10631 Stedwick Rd
Montgomery Village, MD 20886

Report Date: April 17, 2026

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 Environmental Consulting Services, LLC is presented in the table below.

Sampling Date	03/06/2026
# of Outlets Tested	36
# 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-Stedwick Elementary School					
Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW01200	In classroom 317	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW01212	In kindergarten 212	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	6.0	Fail	Remediation Action Plan
LW01216	In break room 208	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW01217	In health room 202	Faucet, Cold	1.4	Pass	Testing Complete
LW01218	In room 200D	Faucet, Cold	2.3	Pass	Testing Complete
LW01219	In kitchen	Multiple Compartment Sink - Faucet, Cold	1.4	Pass	Testing Complete
LW01220	In kitchen	Multiple Compartment Sink - Faucet, Cold	<1.0	Pass	Testing Complete
LW01221	In kitchen	Faucet, Cold	7.0	Fail	Remediation Action Plan
LW01222	In hallway adjacent to custodian storage	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW01223	In hallway next to room 145	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW01229	In classroom 139	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW01231	In classroom 136	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW01233	In classroom 135	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW01237	In classroom 128	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW01239	In classroom 124	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW01240	In hallway between girl's and boy's restrooms near room 121	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW01241	In hallway between girl's and boy's restrooms near room 121	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW01254	In hallway in front of room 109	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW01260	In hallway across from room 101	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW06569	In hallway across from main office	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW06575	In hallway across from room 347	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	2.0	Pass	Testing Complete
LW06578	In hallway in front of room 341	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW06579	In hallway in front of room 341	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW06581	In classroom 341	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW06584	In classroom 337	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW06586	In classroom 330	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW06589	In classroom 329	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW06591	In classroom 322	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW06593	In classroom 318	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW06594	In hallway next to room 323	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW06595	In hallway next to room 323	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW12254	In hallway next to room 217G	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW12853	In hallway next to room 145	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
M01466	In hallway hall across from room 311	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M01475	In hallway hall across from room 301	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	4.2	Pass	Testing Complete
M01476	In hallway hall across from room 301	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Stedwick Elementary School
10631 Stedwick Road
Montgomery Village, MD 20886**

Report Date: July 25th, 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	5/10/23
# of Outlets Tested	40
# 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.
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 Stedwick ES

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW01200	In classroom 317	Classroom Combination Drinking Fountain	1.1	Pass	Testing Complete
LW01208	In computer lab 300A	Classroom Combination Drinking Fountain	3.4	Pass	Testing Complete
LW01212	In kindergarten 212	Classroom Combination Drinking Fountain	2.5	Pass	Testing Complete
LW01213	In reading 210	Classroom Combination Sink	1.5	Pass	Testing Complete
LW01215	In break room 208	Teachers Lounge Sink	<1.0	Pass	Testing Complete
LW01216	In break room 208	Teachers Lounge Sink	<1.0	Pass	Testing Complete
LW01217	In health room 202	Nurses Office Sink	4.5	Pass	Testing Complete
LW01219	In kitchen	Kitchen Sink	1.8	Pass	Testing Complete
LW01220	In kitchen	Kitchen Sink	2.0	Pass	Testing Complete
LW01221	In kitchen	Kitchen Sink	3.7	Pass	Testing Complete
LW01222	In hallway adjacent to custodian storage	Drinking Fountain	<1.0	Pass	Testing Complete
LW01223	In hallway next to 145	Drinking Fountain	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW01229	In classroom 139	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01231	In classroom 136	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01233	In classroom 135	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01237	In classroom 128	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01239	In classroom 124	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01240	In between girls and boys restrooms near room 121	Drinking Fountain	<1.0	Pass	Testing Complete
LW01241	In between girls and boys restrooms room 121	Drinking Fountain	<1.0	Pass	Testing Complete
LW01254	In hallway In front of 109	Drinking Fountain	<1.0	Pass	Testing Complete
LW01260	In hallway across from 101	Drinking Fountain	1.6	Pass	Testing Complete
LW06569	In hallway across from main office	Drinking Fountain	<1.0	Pass	Testing Complete
LW06575	In hallway across from 347	Drinking Fountain	1.2	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW06578	In hallway In front of 341	Drinking Fountain	<1.0	Pass	Testing Complete
LW06579	In hallway In front of 341	Drinking Fountain	<1.0	Pass	Testing Complete
LW06581	In classroom 341	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW06584	In classroom 337	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW06586	In classroom 330	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW06589	In classroom 329	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW06591	In classroom 322	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW06593	In classroom 318	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW06594	In hallway next to 323	Drinking Fountain	<1.0	Pass	Testing Complete
LW06595	In hallway next to 323	Drinking Fountain	<1.0	Pass	Testing Complete
M01404	In kindergarten 216	Drinking Fountain	3.8	Pass	Testing Complete
M01407	In kindergarten 214	Drinking Fountain	2.8	Pass	Testing Complete
M01466	In hallway across from CR 36	Drinking Fountain	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
M01475	In hallway across from CR 31	Drinking Fountain	2.4	Pass	Testing Complete
M01476	In hallway across from CR 31	Drinking Fountain	2.2	Pass	Testing Complete
LW12853	In hallway next to 145	Drinking Fountain	<1.0	Pass	Testing Complete
LW12854	In hallway adjacent to custodian storage	Drinking Fountain	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Stedwick Elementary School
10631 Stedwick Road
Gaithersburg, MD 20886**

Report Date: March 26th, 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	2/28/2020
# of Outlets Tested	73
# 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.

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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 Stedwick ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW01199	In classroom 317	Classroom Combination Sink	1.3	Pass	N/A	Testing complete
LW01200	In classroom 317	Classroom Combination Drinking Fountain	6.7	Fail	NC	Remediation Action Plan
LW01201	In classroom 315	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01202	In classroom 315	Classroom Combination Drinking Fountain	2.6	Pass	N/A	Testing complete
LW01203	In classroom 312	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01205	In classroom 303	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01206	In classroom 301	Classroom Combination Sink	1.3	Pass	N/A	Testing complete
LW01207	In computer lab 300A	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01208	In computer lab 300A	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01209	In kindergarten 216	Classroom Sink	<1	Pass	N/A	Testing complete
LW01210	In kindergarten 214	Classroom Sink	2.2	Pass	N/A	Testing complete
LW01211	In kindergarten 212	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01212	In kindergarten 212	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01213	In reading 210	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01215	In break room 208	Teachers Lounge Sink	<1	Pass	N/A	Testing complete
LW01216	In break room 208	Teachers Lounge Sink	<1	Pass	N/A	Testing complete
LW01217	In health room 202	Nurses Office Sink	1.1	Pass	N/A	Testing complete
LW01218	In office 200D by administration	Classroom Sink	1.3	Pass	N/A	Testing complete
LW01219	In kitchen	Kitchen Sink	1.1	Pass	N/A	Testing complete
LW01220	In kitchen	Kitchen Sink	2.5	Pass	N/A	Testing complete
LW01221	In kitchen	Kitchen Sink	4.2	Pass	N/A	Testing complete

LW01222	In hallway adjacent to custodian storage	Drinking Fountain	2.2	Pass	N/A	Testing complete
LW01223	In hallway next to 145	Drinking Fountain	1.3	Pass	N/A	Testing complete
LW01225	In room across from 148	Classroom Combination Sink	1.7	Pass	N/A	Testing complete
LW01227	In classroom 143	Classroom Sink	3.1	Pass	N/A	Testing complete
LW01228	In classroom 139	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01229	In classroom 139	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01230	In classroom 136	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01231	In classroom 136	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01232	In classroom 135	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01233	In classroom 135	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01234	In classroom 129	Classroom Combination Sink	2.1	Pass	N/A	Testing complete
LW01235	In classroom 129	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01236	In classroom 128	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01237	In classroom 128	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01238	In classroom 124	Classroom Combination Sink	1.6	Pass	N/A	Testing complete
LW01239	In classroom 124	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01240	In between girls and boys restrooms near room 121	Drinking Fountain	<1	Pass	N/A	Testing complete
LW01241	In between girls and boys restrooms room 121	Drinking Fountain	<1	Pass	N/A	Testing complete
LW01244	In classroom 115	Classroom Combination Sink	1.0	Pass	N/A	Testing complete
LW01246	In classroom 113	Classroom Combination Sink	1.9	Pass	N/A	Testing complete
LW01248	In classroom 111	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01249	In classroom 111	Classroom Combination Drinking Fountain	4.3	Pass	N/A	Testing complete
LW01250	In classroom 118	Classroom Combination Sink	2.2	Pass	N/A	Testing complete

LW01252	In classroom 111	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01253	In classroom 111	Classroom Combination Drinking Fountain	3.2	Pass	N/A	Testing complete
LW01254	In hallway In front of 109	Drinking Fountain	<1	Pass	N/A	Testing complete
LW01257	In classroom 104	Classroom Combination Sink	4.2	Pass	N/A	Testing complete
LW01260	In hallway across from 101	Drinking Fountain	<1	Pass	N/A	Testing complete
LW06569	In hallway across from main office	Drinking Fountain	<1	Pass	N/A	Testing complete
LW06575	In hallway across from 347	Drinking Fountain	<1	Pass	N/A	Testing complete
LW06577	In classroom 345	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW06578	In hallway In front of 341	Drinking Fountain	<1	Pass	N/A	Testing complete
LW06579	In hallway In front of 341	Drinking Fountain	<1	Pass	N/A	Testing complete
LW06580	In classroom 341	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW06581	In classroom 341	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW06582	In classroom 337	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW06584	In classroom 337	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW06585	In classroom 330	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW06586	In classroom 330	Classroom Combination Drinking Fountain	1.1	Pass	N/A	Testing complete
LW06588	In classroom 329	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW06589	In classroom 329	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW06590	In classroom 322	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW06591	In classroom 322	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW06592	In classroom 318	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW06593	In classroom 318	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW06594	In hallway next to 323	Drinking Fountain	<1	Pass	N/A	Testing complete

LW06595	In hallway next to 323	Drinking Fountain	<1	Pass	N/A	Testing complete
M01404	In kindergarten 216	Drinking Fountain	1.4	Pass	N/A	Testing complete
M01407	In kindergarten 214	Drinking Fountain	1.4	Pass	N/A	Testing complete
M01466	In hallway hall across from CR 36	Drinking Fountain	<1	Pass	N/A	Testing complete
M01475	In hallway hall across from CR 31	Drinking Fountain	<1	Pass	N/A	Testing complete
M01476	In hallway hall across from CR 31	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.)



October 30, 2019

Mr. Brian Mullikin, MS
Environmental Team Leader
Montgomery County Public Schools
8301 Turkey Thicket Dr., Bldg A, 1st Floor
Gaithersburg, Maryland 20879

Re: Lead in Water Post-Remediation Follow-up Testing Service

Location: Stedwick Elementary School.

10631 Stedwick Road
Montgomery Village, Maryland 20886

Dear Mr. Mullikin:

Post-remediation follow-up testing was not conducted. Outlet (LW01243) in Art 120 was taken out of service.

RESULTS

The initial and flush results are highlighted in the summary table below:

Barcode ID	Room Number	Location	Notes	Equipment Type	Initial (ppb)	Flush (ppb)	Post-Remediation Follow-up (ppb)	Post-Remediation Follow-up Pass/Fail	Status
LW01243	120	Art		Bubbler - Indoor	20	<1.0	N/A*	N/A*	Taken out of service

*Fixture taken out of service

DISCUSSION

Lead is a naturally occurring element that can be harmful to humans when ingested or inhaled, particularly to children under the age of six. Lead can adversely affect the development of children’s brain potentially leading to detrimental alterations in intelligence and behavior. Lead has been historically used in plumbing, paint and other building materials. Lead is released into the environment from industrial sources and fuel combustion. Lead may also be found in consumer products (imported candy, medicines, toys, dishes, etc.).



Most lead leaches into drinking water from contact with plumbing components such as faucets and valves made of brass or lead-containing solder. The physical and chemical interaction that occurs between the plumbing and water directly contributes to the amount of lead that is released into the water. Although plumbing components installed prior to the 1990's could contain more lead than newer materials, the amount of lead in the drinking water cannot be predicted by the age of building. The purpose of this regulation is to establish a program to minimize the risk of exposure to lead in drinking water outlets at schools. The Environmental Protection Agency (EPA) developed the 3T's (Training, Testing, and Telling) to assist schools in reducing the lead concentrations in their drinking water. More information about 3T's can be found on the EPA website.

Simple steps like keeping your home clean and well-maintained will go a long way in preventing lead exposure. These steps include inspecting and maintaining all painted surfaces to prevent paint deterioration, using only cold water to prepare food and drinks, flushing water outlets used for drinking or food preparation, and cleaning around painted areas where friction can generate dust, such as doors, windows, and drawers. Wipe these areas with a wet sponge or rag to remove paint chips or dust, and wash children's hands, bottles, pacifiers and toys often.

Respectfully Submitted,
KCI Technologies, Inc.

A handwritten signature in cursive script, appearing to read 'Kamau McAbee', written in dark ink.

Kamau McAbee
MDE Certified Water Sampler #8281KM
KCI Job #1214634186



MONTGOMERY COUNTY PUBLIC SCHOOLS DRINKING WATER TESTING 2018

April 24, 2018

Executive Summary:
Stedwick Elementary School
10631 Stedwick Road
Montgomery Village, MD 20886

Round of Testing:	Initial
# of Outlets Tested:	79
# of Outlets \geq 20 ppb:	1
Low Value (ppb):	< 1.0
High Value (ppb):	20
Follow-Up Testing Required (Samples \geq 20 ppb):	Art Room 120 (20.0ppb)

Round of Testing:	Follow-Up – 30 sec draw
# of Outlets Tested:	1

Project Status
Testing Complete: Remediation Plan

Classroom 120 (Art Room) – Replace fixture (LW01243), in addition to supply line and valve located under sink



April 24, 2018

Mr. Brian Mullikin
Environmental Team Leader
Montgomery County Public Schools
8301 Turkey Thicket Drive
Building A, First Floor
Gaithersburg, Maryland 20879

Re: Lead in Water Testing Service

Location: Stedwick Elementary School
10631 Stedwick Road
Montgomery Village, MD 20886

Dear Mr. Mullikin:

Professional Services Industries (PSI), Inc. is pleased to submit the following report to the Montgomery County Public Schools (MCPS) for completion of the initial and follow-up lead in water testing at Stedwick Elementary School, located at 10631 Stedwick Road in Montgomery Village, MD 20886.

Scope of Services:

PSI conducted lead in water testing at Stedwick Elementary School in accordance with the Environmental Protection Agency (EPA) and Maryland House Bill (HB) 270. State regulation established an action level of 20 parts per billion (ppb) to evaluate lead levels in school buildings, a concentration EPA recommends that schools take action to reduce lead below this action level. Maryland requires periodic testing for the presence of lead in drinking water in occupied public and nonpublic school buildings. EPA developed the 3T's (Training, Testing, and Telling) to assist schools in reducing the lead concentrations in their drinking water. More information about 3T's can be found on the EPA website.

PSI visited the site on 02/21/18 and 02/22/18 to collect samples from 79 drinking water outlets in accordance with current criteria described by the Maryland Department of the Environment (MDE) Draft Lead in Drinking Water—Public and Nonpublic Schools, Title 26, Subtitle 16 Lead, Chapter 07. One 30 second follow-up sample was collected on 4/12/18.

Samples were submitted to a laboratory for lead in water analysis using current US EPA methodology. The laboratory has been certified by the Maryland Department of the Environment to analyze drinking water for lead.

Results:

There was one result of the initial lead in water analysis at or above 20 parts per billion (ppb) and subsequent follow up 30 second results are highlighted in the summary table below:



Barcode ID	Sample Location	Date Collected	Initial Sample Result (ppb)	Date Collected	30 Second Follow Up Sample Result (ppb)
LW01243	Bubbler – Art Room 120	2/22/2018	20.0	4/12/18	<1.0

The initial lead in water sample results (02/22/18) and 30 second follow up results (4/12/18) are shown in Attachment A.

Discussion:

Lead is a naturally occurring element that can be harmful to humans when ingested or inhaled, particularly to children under the age of six. Lead can adversely affect the development of children’s brain potentially leading to detrimental alterations in intelligence and behavior. Lead has been historically used in plumbing, paint and other building materials. Lead is released into the environment from industrial sources and fuel combustion. Lead may also be found in consumer products (imported candy, medicines, toys, dishes, etc.).

Most lead leaches into drinking water from contact with plumbing components such as faucets and valves made of brass or lead-containing solder. The physical and chemical interaction that occurs between the plumbing and water directly contributes to the amount of lead that is released into the water. Although plumbing components installed prior to the 1990’s could contain more lead than newer materials, the amount of lead in the drinking water cannot be predicted by the age of building. The purpose of this regulation is to establish a program to minimize the risk of exposure to lead in drinking water outlets at schools.

Simple steps like keeping your home clean and well-maintained will go a long way in preventing lead exposure. These steps include inspecting and maintaining all painted surfaces to prevent paint deterioration, using only cold water to prepare food and drinks, flushing water outlets used for drinking or food preparation, and cleaning around painted areas where friction can generate dust, such as doors, windows, and drawers. Wipe these areas with a wet sponge or rag to remove paint chips or dust, and wash children's hands, bottles, pacifiers and toys often.

Respectfully Submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Nand Kaushik, P.E.
Department Manager, Environmental Services
Nand.Kaushik@psiusa.com

Attachments: A – Initial Lead in Water Test Summary Table

ATTACHMENT A

Stedwick ES Water Test Summary Table

Contractor: Professional Services Industries, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Initial Sample Results for Stedwick Elementary School (2/22/18)

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
LW01197	314	Classroom		Faucet	10.0	Pass	Testing Complete
LW01199	317	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01200	317	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01201	315	Classroom		Faucet	2.1	Pass	Testing Complete
LW01202	315	Classroom		Bubbler - Indoor	2.6	Pass	Testing Complete
LW01203	312	Classroom		Faucet	2.3	Pass	Testing Complete
LW01204	312	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01205	303	Classroom		Faucet	1.3	Pass	Testing Complete
LW01206	301	Classroom		Faucet	1.0	Pass	Testing Complete
LW01207	300A	Computer Lab		Faucet	4.0	Pass	Testing Complete
LW01209	216	Kindergarten		Faucet	1.9	Pass	Testing Complete
LW01210	214	Kindergarten		Faucet	1.4	Pass	Testing Complete
LW01211	212	Kindergarten		Faucet	2.7	Pass	Testing Complete
LW01212	212	Kindergarten		Bubbler - Indoor	1.6	Pass	Testing Complete
LW01213	210	Reading		Faucet	1.9	Pass	Testing Complete
LW01215	208	Break Room		Faucet	<1.0	Pass	Testing Complete
LW01216	208	Break Room		Bubbler - Indoor	1.4	Pass	Testing Complete
LW01217	202	Health Room		Faucet	2.0	Pass	Testing Complete
LW01218	200D	Office Administration		Faucet	<1.0	Pass	Testing Complete
LW01219		Kitchen		Faucet	3.9	Pass	Testing Complete
LW01220		Kitchen		Faucet	2.8	Pass	Testing Complete
LW01221		Kitchen		Faucet	4.1	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
LW01222		Hallway	Next To Gym	Cooler	1.9	Pass	Testing Complete
LW01223		Hallway	Next To 145	Cooler	1.7	Pass	Testing Complete
LW01225		Other (See Location Notes)	Across From 148	Faucet	2.5	Pass	Testing Complete
LW01227	143	Classroom		Faucet	4.2	Pass	Testing Complete
LW01228	139	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01229	139	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01230	136	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01231	136	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01232	135	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01233	135	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01234	129	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01235	129	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01236	128	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01237	128	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01238	124	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01239	124	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01240		Hallway	Next To 119	Cooler	<1.0	Pass	Testing Complete
LW01241		Hallway	Next To 119	Cooler	<1.0	Pass	Testing Complete
LW01242	120	Art		Faucet	2.7	Pass	Testing Complete
LW01243	120	Art		Bubbler - Indoor	20.0	Fail	Follow-Up Testing Needed
LW01244	115	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01246	113	Classroom		Faucet	2.8	Pass	Testing Complete
LW01248	111	Classroom		Faucet	1.8	Pass	Testing Complete
LW01250	118	Classroom		Faucet	4.0	Pass	Testing Complete
LW01252	111	Classroom		Faucet	1.4	Pass	Testing Complete
LW01254		Hallway	In Front Of 109	Cooler	<1.0	Pass	Testing Complete
LW01255	103	Classroom		Faucet	11.4	Pass	Testing Complete
LW01256	104	Classroom		Faucet	7.2	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
LW01257	104	Classroom		Faucet	1.2	Pass	Testing Complete
LW01259	104	Classroom		Bubbler - Indoor	7.9	Pass	Testing Complete
LW01260		Hallway	Across From 101	Cooler	1.3	Pass	Testing Complete
LW01261	101	Classroom		Faucet	19.1	Pass	Testing Complete
LW06569		Hallway	Across From Main Office	Cooler	<1.0	Pass	Testing Complete
LW06575		Hallway	Across From 347	Cooler	<1.0	Pass	Testing Complete
LW06576	347	Office		Faucet	5.4	Pass	Testing Complete
LW06577	345	Classroom		Faucet	1.7	Pass	Testing Complete
LW06578		Hallway	In Front Of 341	Cooler	<1.0	Pass	Testing Complete
LW06579		Hallway	In Front Of 341	Cooler	<1.0	Pass	Testing Complete
LW06580	341	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06581	341	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06582	337	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06584	337	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06585	330	Classroom		Faucet	1.0	Pass	Testing Complete
LW06586	330	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06587	328	Computer Lab		Faucet	6.3	Pass	Testing Complete
LW06588	329	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06589	329	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06590	322	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06591	322	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06592	318	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06593	318	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06594		Hallway	Next To 323	Cooler	<1.0	Pass	Testing Complete
LW06595		Hallway	Next To 323	Cooler	<1.0	Pass	Testing Complete
M01404	216	Kindergarten		Bubbler - Indoor	2.0	Pass	Testing Complete
M01407	214	Kindergarten		Bubbler - Indoor	1.9	Pass	Testing Complete
M01475		Hallway	Across from 31	Cooler	3.5	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
M01476		Hallway	Across from 31	Cooler	1.8	Pass	Testing Complete

*ppb = parts per billion

Contractor: Professional Services Industries, Inc.
Certified Laboratory: Microbac Laboratories, Inc.

Follow Up Sample Results for Stedwick Elementary School (4/12/18)

Barcode ID	Room Number	Location	Equipment Type	Initial draw (2 nd) (PPB)	Initial draw (3 rd) (PPB)	30 Second Draw (PPB)	Status
LW01243	123	Art	Bubbler - Indoor	2.4	2.1	<1.0	Remediation required – replace fixture, in addition to supply line and valve located under sink

Note: Fixture(s) with elevated test results were immediately removed from service. Subsequent 2nd and 3rd round testing was performed on these fixture(s) for further diagnostics for remediation. Because the fixture was shut off after the first test, the subsequent test results may not be representative of an in-use fixture because of stagnant water in the supply line and the operation of shut off valves prior to the tests. All fixtures with elevated test results are to be remediated. After remediation, post remediation testing will be conducted before the fixture is returned to service.