

Montgomery County Public Schools Lead in Drinking Water Testing Report

Wilson Wims Elementary School
12520 Blue Sky Dr.
Clarksburg, MD 20871

Report Date: May 16th, 2024

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	2/28/2024
# of Outlets Tested	67
# 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 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 Wilson Wims ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32294	In hallway across from CR 140	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32295	In hallway across from CR 140	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32297	In classroom 144	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32300	In classroom 150	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32304	In classroom 154	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32307	In classroom 158	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
LW07490	In music 186	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32217	In classroom 213	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32222	In classroom 217	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32223	In ESOL 219	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32225	In hallway next to CR 219 across from CR 218	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32226	In hallway next to CR 219 across from CR 218	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32228	In classroom 218	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32229	In classroom 222	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32232	In classroom 224	Drinking Water fountain - Bubblers Style	2.1	Pass	Testing Complete
M32233	In classroom 228	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32235	In classroom 232	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32238	In classroom 234	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32239	In classroom 238	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32242	In classroom 240	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW07491	In music room 188	Faucet, Cold	<1.0	Pass	Testing Complete
M32245	In Hallway next to CR 229 across from CR 244	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32246	In hallway next to CR 229 across from CR 244	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32248	In classroom 229	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32250	In classroom 246	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32251	In classroom 231	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32253	In classroom 250	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32256	In classroom 235	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32258	In classroom 252	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32268	In pep speech of Language 128	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32277	In classroom 134	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32280	In classroom 134	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32282	In classroom 121	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32284	In classroom 125	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32286	In classroom 125	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32289	In classroom 140	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32309	In classroom 160	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32313	In classroom 164	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32315	In therapy of support 133	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32317	In hallway next to CR 164	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32318	In hallway next to CR 164	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32320	In classroom 168	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32321	In classroom 172	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32324	In classroom 174	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32325	In classroom 135	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32327	In classroom 178	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32330	In classroom 139	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32338	In classroom 180	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32341	In Language office 151	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32343	In work room 100C by admin	Faucet, Cold	<1.0	Pass	Testing Complete
M32344	In health 102 by health	Faucet, Cold	<1.0	Pass	Testing Complete
M32347	In break room 106	Faucet, Cold	<1.0	Pass	Testing Complete
M32355	In hallway next to IMC	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32356	In hallway next to IMC	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32365	In music room 188	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32369	In dual purpose room 190	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M32375	In hallway outside of gym across from CR 190	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32376	In hallway outside of gym across from CR 190	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M32219	In classroom 216	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32216	In classroom 212	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M32346	Health room 102	Faucet, Cold	2.1	Pass	Testing Complete
M32353	Kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
M32351	Kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
M32352	Kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
LW11768	Hallway next to IMC	Bottle filler	<1.0	Pass	Testing Complete
LW11767	Hallway across GYM	Bottle filler	<1.0	Pass	Testing Complete
M32368	All Purpose room 190	Faucet, Cold	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

Wilson Wims Elementary School
12520 Blue Sky Drive
Clarksburg, MD 20871

Report Date: January 25th, 2022

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	10/27/2021
# of Outlets Tested	104
# of Outlets \geq 5 ppb	0

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. 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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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.

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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

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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 Wilson Wims Elementary School

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW07489	In music room 186	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07490	In music 186	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07491	In music room 188	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32215	In classroom 212	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32217	In classroom 213	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32218	In classroom 213	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32220	In classroom 216	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32221	In classroom 217	Classroom Combination Sink	1.2	Pass	N/A	Testing Complete
M32222	In classroom 217	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32223	In ESOL 219	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32224	In ESOL 219	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32225	In hallway next to CR 219 across from CR 218	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32226	In hallway next to CR 219 across from CR 218	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32227	In classroom 218	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32228	In classroom 218	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32229	In classroom 222	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32230	In classroom 222	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32231	In classroom 224	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32232	In classroom 224	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32233	In classroom 228	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32234	In classroom 228	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32235	In classroom 232	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32236	In classroom 232	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32237	In classroom 234	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32238	In classroom 234	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32239	In classroom 238	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32240	In classroom 238	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32241	In classroom 240	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete
M32242	In classroom 240	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32245	In classroom next to CR 229 across from CR 244	Drinking Fountain	<1	Pass	N/A	Testing Complete

M32246	In hallway next to CR 229 across from CR 244	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32247	In classroom 229	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32248	In classroom 229	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32249	In classroom 246	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32250	In classroom 246	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32251	In classroom 231	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32252	In classroom 231	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32253	In classroom 250	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32254	In classroom 250	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32255	In classroom 235	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32256	In classroom 235	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32257	In classroom 252	Classroom Combination Sink	2.8	Pass	N/A	Testing Complete
M32258	In classroom 252	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32267	In pep speech of Language 128	Classroom Combination Sink	1.6	Pass	N/A	Testing Complete
M32268	In pep speech of Language 128	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32275	In classroom 134	Classroom Combination Sink	2.1	Pass	N/A	Testing Complete
M32277	In classroom 134	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32279	In classroom 134	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32280	In classroom 134	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32281	In classroom 121	Classroom Combination Sink	2.1	Pass	N/A	Testing Complete
M32282	In classroom 121	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32284	In classroom 125	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32285	In classroom 125	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32286	In classroom 125	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32287	In classroom 125	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32289	In classroom 140	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32290	In classroom 140	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32291	In classroom 140	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32292	In classroom 140	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32294	In hallway across from CR 140	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32295	In hallway across from CR 140	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32296	In classroom 144	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32297	In classroom 144	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32300	In classroom 150	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

M32301	In classroom 150	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32303	In classroom 154	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32304	In classroom 154	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32306	In classroom 158	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32307	In classroom 158	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32309	In classroom 160	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32310	In classroom 160	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32312	In classroom 164	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32313	In classroom 164	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32315	In therapy of support 133	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32316	In therapy of support 133	Classroom Combination Sink	2.5	Pass	N/A	Testing Complete
M32317	In hallway next to CR 164	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32318	In hallway next to CR 164	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32319	In classroom 168	Classroom Combination Sink	1.6	Pass	N/A	Testing Complete
M32320	In classroom 168	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32321	In classroom 172	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32322	In classroom 172	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32323	In classroom 174	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32324	In classroom 174	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32325	In classroom 135	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32326	In classroom 135	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32327	In classroom 178	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32328	In classroom 178	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32329	In classroom 139	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32330	In classroom 139	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32337	In classroom 180	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32338	In classroom 180	Classroom Combination Drinking Fountain	1.6	Pass	N/A	Testing Complete
M32340	In Language office 151	Classroom Combination Sink	2.3	Pass	N/A	Testing Complete
M32341	In Language office 151	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32343	In work room 100C by admin	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M32344	In health 102 by health	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M32347	In break room 106	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M32355	In hallway next to IMC	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32356	In hallway next to IMC	Drinking Fountain	<1	Pass	N/A	Testing Complete

M32365	In music room 188	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32367	In dual purpose room 190	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32369	In dual purpose room 190	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32370	In dual purpose room 190	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32375	In hallway outside of gym across from CR 190	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32376	In hallway outside of gym across from CR 190	Drinking Fountain	<1	Pass	N/A	Testing Complete



**MONTGOMERY COUNTY PUBLIC SCHOOLS
LEAD IN DRINKING WATER TESTING 2018**

Executive Summary:
Wilson Wims Elementary School
12520 Blue Sky Drive,
Clarksburg, MD 20871

Date of Test Report:	05/11/2018
Round of Testing:	Initial
# of Outlets Tested:	116
# of Outlets \geq 20 ppb:	0
Low Value (ppb):	< 1.0
High Value (ppb):	2.50

Project Status
Initial testing complete: All results less than 20 ppb.



May 11, 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: Wilson Wims Elementary School
12520 Blue Sky Drive,
Clarksburg, MD 20871

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 initial lead in water testing at Wilson Wims Elementary School, located at 12520 Blue Sky Drive, Clarksburg, MD 20871.

Scope of Services:

PSI conducted lead in water testing at Wilson Wims 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 4/17/18 and 4/18/18 to collect samples from 116 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.

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 were no results of the lead in water analysis at or above 20 parts per billion (ppb).

The lead in water sample results < 20 ppb for sample collection date 4/18/18 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.

A handwritten signature in black ink that reads "Nand Kaushik".

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

Attachments: A – Lead in Water Test Summary Table

ATTACHMENT A

Lead in Water Test Summary Table

Contractor: Professional Services Industries, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Sample Results for Wilson Wims Elementary School

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW07489	186	Music		Faucet	<1.0	Pass	Testing Complete
LW07490	186	Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW07491	188	Music		Faucet	<1.0	Pass	Testing Complete
M32208	111	Material Prep	Media Center	Faucet	<1.0	Pass	Testing Complete
M32215	212	Classroom		Faucet	<1.0	Pass	Testing Complete
M32216	212	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32217	213	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32218	213	Classroom		Faucet	<1.0	Pass	Testing Complete
M32219	216	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32220	216	Classroom		Faucet	<1.0	Pass	Testing Complete
M32221	217	Classroom		Faucet	<1.0	Pass	Testing Complete
M32222	217	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32223	219	ESOL		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32224	219	ESOL		Faucet	<1.0	Pass	Testing Complete
M32225		Hallway	Next to CR 219 Across from CR 218	Cooler	<1.0	Pass	Testing Complete
M32226		Hallway	Next to CR 219 Across from CR 218	Cooler	<1.0	Pass	Testing Complete
M32227	218	Classroom		Faucet	<1.0	Pass	Testing Complete
M32228	218	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32229	222	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32230	222	Classroom		Faucet	<1.0	Pass	Testing Complete
M32231	224	Classroom		Faucet	<1.0	Pass	Testing Complete
M32232	224	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
M32233	228	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32234	228	Classroom		Faucet	<1.0	Pass	Testing Complete
M32235	232	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32236	232	Classroom		Faucet	<1.0	Pass	Testing Complete
M32237	234	Classroom		Faucet	<1.0	Pass	Testing Complete
M32238	234	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32239	238	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32240	238	Classroom		Faucet	<1.0	Pass	Testing Complete
M32241	240	Classroom		Faucet	<1.0	Pass	Testing Complete
M32242	240	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32243	244	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32244	244	Classroom		Faucet	<1.0	Pass	Testing Complete
M32245		Classroom	Next to CR 229 Across from CR 244	Cooler	<1.0	Pass	Testing Complete
M32246		Hallway	Next to CR 229 Across from CR 244	Cooler	<1.0	Pass	Testing Complete
M32247	229	Classroom		Faucet	<1.0	Pass	Testing Complete
M32248	229	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32249	246	Classroom		Faucet	<1.0	Pass	Testing Complete
M32250	246	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32251	231	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32252	231	Classroom		Faucet	<1.0	Pass	Testing Complete
M32253	250	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32254	250	Classroom		Faucet	<1.0	Pass	Testing Complete
M32255	235	Classroom		Faucet	<1.0	Pass	Testing Complete
M32256	235	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32257	252	Classroom		Faucet	<1.0	Pass	Testing Complete
M32258	252	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32266	126	Pep Prep Area		Faucet	<1.0	Pass	Testing Complete
M32267	128	Pep Speech of Language		Faucet	2.5	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
M32268	128	Pep Speech of Language		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32275	134	Classroom		Faucet	1.7	Pass	Testing Complete
M32277	134	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32279	134	Classroom		Faucet	<1.0	Pass	Testing Complete
M32280	134	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32281	121	Classroom		Faucet	<1.0	Pass	Testing Complete
M32282	121	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32284	125	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32285	125	Classroom		Faucet	<1.0	Pass	Testing Complete
M32286	125	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32287	125	Classroom		Faucet	<1.0	Pass	Testing Complete
M32289	140	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32290	140	Classroom		Faucet	<1.0	Pass	Testing Complete
M32291	140	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32292	140	Classroom		Faucet	<1.0	Pass	Testing Complete
M32294		Hallway	Across from CR 140	Cooler	<1.0	Pass	Testing Complete
M32295		Hallway	Across from CR 140	Cooler	<1.0	Pass	Testing Complete
M32296	144	Classroom		Faucet	<1.0	Pass	Testing Complete
M32297	144	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32300	150	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32301	150	Classroom		Faucet	<1.0	Pass	Testing Complete
M32303	154	Classroom		Faucet	<1.0	Pass	Testing Complete
M32304	154	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32306	158	Classroom		Faucet	<1.0	Pass	Testing Complete
M32307	158	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32309	160	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32310	160	Classroom		Faucet	<1.0	Pass	Testing Complete
M32312	164	Classroom		Faucet	<1.0	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
M32313	164	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32315	133	Therapy Support		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32316	133	Therapy Support		Faucet	<1.0	Pass	Testing Complete
M32317		Hallway	Next to CR 164	Cooler	<1.0	Pass	Testing Complete
M32318		Hallway	Next to CR 164	Cooler	<1.0	Pass	Testing Complete
M32319	168	Classroom		Faucet	<1.0	Pass	Testing Complete
M32320	168	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32321	172	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32322	172	Classroom		Faucet	<1.0	Pass	Testing Complete
M32323	174	Classroom		Faucet	<1.0	Pass	Testing Complete
M32324	174	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32325	135	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32326	135	Classroom		Faucet	<1.0	Pass	Testing Complete
M32327	178	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32328	178	Classroom		Faucet	<1.0	Pass	Testing Complete
M32329	139	Classroom		Faucet	<1.0	Pass	Testing Complete
M32330	139	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32337	180	Classroom		Faucet	<1.0	Pass	Testing Complete
M32338	180	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32340	151	Language Office		Faucet	1.9	Pass	Testing Complete
M32341	151	Language Office		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32343	100C	Work Room Admin		Faucet	<1.0	Pass	Testing Complete
M32344	102	Health		Faucet	<1.0	Pass	Testing Complete
M32347	106	Break Room		Faucet	<1.0	Pass	Testing Complete
M32351		Kitchen		Faucet	<1.0	Pass	Testing Complete
M32352		Kitchen		Faucet	<1.0	Pass	Testing Complete
M32353		Kitchen		Faucet	<1.0	Pass	Testing Complete
M32355		Hallway	Next to IMC	Cooler	<1.0	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
M32356		Hallway	Next to IMC	Cooler	<1.0	Pass	Testing Complete
M32365	188	Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32367	190	Dual Purpose Room		Faucet	<1.0	Pass	Testing Complete
M32368	190	Dual Purpose Room		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32369	190	Dual Purpose Room		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32370	190	Dual Purpose Room		Faucet	<1.0	Pass	Testing Complete
M32372	192	Art		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32373	192	Art		Faucet	<1.0	Pass	Testing Complete
M32375		Hallway	Outside of Gym Across from CR 190	Cooler	<1.0	Pass	Testing Complete
M32376		Hallway	Outside of Gym Across from CR 190	Cooler	<1.0	Pass	Testing Complete

*ppb = parts per billion