

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Bayard Rustin Elementary School
332 W. Edmonston Dr.
Rockville, MD 20852**

Report Date: April 30, 2025

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 KCI Technologies, Inc. is presented in the table below.

Sampling Date	3/25/2025
# of Outlets Tested	75
# 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 Bayard Rustin ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW03545	In Classroom 183	Combination Sink - Faucet, Cold	<1.0	Pass	Testing Complete
LW03546	In Classroom 183	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW03548	In Classroom 121	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW03550	In Classroom 187	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW03552	In Office 119	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW03553	In Hallway Outside 106	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW07060	In Classroom 201	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07063	In Lounge 210	Faucet, Cold	<1.0	Pass	Testing Complete
LW07064	In Classroom 314	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07066	In Classroom 308	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07068	In Classroom 305	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07070	In Classroom 301	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07072	In Classroom 302	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07073	In Media Center	Faucet, Cold	<1.0	Pass	Testing Complete
LW07075	In Classroom 205	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07077	In Classroom 207	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07079	In Classroom 211	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07081	In Classroom 222	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07083	In Classroom 226	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07085	In Classroom 230	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07087	In Classroom 219	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07089	In Classroom 234	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW07102	In Classroom 223	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08101	In Lounge 340	Faucet, Cold	<1.0	Pass	Testing Complete
LW08103	In Classroom 338	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08105	In Classroom 334	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08106	In Classroom 325	Combination Sink - Faucet, Cold	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW08107	In Classroom 325	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08109	In Classroom 323	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08111	In Classroom 330	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08113	In Classroom 319	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08115	In Classroom 326	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08117	In Classroom 322	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08119	In Classroom 318	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08121	In Classroom 311	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW08123	In Classroom 307	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09715	In Classroom 225	Combination Sink - Faucet, Cold	<1.0	Pass	Testing Complete
LW09716	In Classroom 225	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09718	In Classroom 238	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09720	In Classroom 242	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09721	Lounge 244	Faucet, Cold	<1.0	Pass	Testing Complete
LW09722	In Hallway Across From 189	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW09723	In Hallway Across From 189	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW09724	In Gym 109	Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated)	<1.0	Pass	Testing Complete
LW09725	In Gym 109	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW09727	In Classroom 153	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09729	In Classroom 165	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09731	In Classroom 149	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09733	In Office 169	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09734	In Classroom 179	Combination Sink - Faucet, Cold	<1.0	Pass	Testing Complete
LW09735	In Classroom 179	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09737	In Classroom 179	Combination Sink - Faucet, Cold	<1.0	Pass	Testing Complete
LW09738	In Classroom 179	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09739	In Classroom 183	Combination Sink - Faucet, Cold	1.5	Pass	Testing Complete
LW09740	In Classroom 183	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW09790	In Office 127	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09791	In Hallway Outside 106	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW09792	In Lounge 106	Faucet, Cold	<1.0	Pass	Testing Complete
LW09796	In Classroom 103	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09797	In Multi-Purpose Room 118	Faucet, Cold	<1.0	Pass	Testing Complete
LW09802	In Nurse's Office 102	Faucet, Cold	<1.0	Pass	Testing Complete
LW09803	In Nurse's Office 102c	Faucet, Cold	<1.0	Pass	Testing Complete
LW09804	In Nurse's Office 102b	Faucet, Cold	1.1	Pass	Testing Complete
LW09805	In Kitchen 120	Faucet, Cold	<1.0	Pass	Testing Complete
LW09806	In Kitchen 120	Faucet, Cold	<1.0	Pass	Testing Complete
LW09807	In Kitchen 120	Faucet, Cold	<1.0	Pass	Testing Complete
LW09808	In Kitchen 120	Faucet, Cold	<1.0	Pass	Testing Complete
LW09810	In Classroom 134	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09812	In Classroom 134	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW13765	In Classroom 125	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW13766	In Hallway Next To 212	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW13767	In Hallway Next To 212	Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated)	<1.0	Pass	Testing Complete
LW13768	In Hallway Next To 212	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW13769	In Hallway Next To 300	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW13770	In Hallway Next To 300	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

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Sampling Date	05/26/2022
# of Outlets Tested	115
# 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. 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

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2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

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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.

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Attachment(s) A – Lead in Water Sample Results Table

ATTACHMENT A

Lead in Water Sample Results Table

Sampling Results for Bayard Rustin ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW03544	In classroom 125	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03545	In classroom 183	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03546	In classroom 183	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03547	In classroom 121	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03548	In classroom 121	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03549	In classroom 187	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03550	In classroom 187	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03551	In office 119	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03552	In office 119	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03553	In hallway In front of 114	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW04997	In hallway In front of 3rd Floor elevator	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW04998	In hallway In front of 3rd Floor elevator	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07059	In office 201	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07060	In office 201	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07061	In hallway In front of 201	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07062	In hallway In front of 201	Drinking Fountain	5.1	Fail	N/A	Testing Complete
LW07063	In break room 210	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
LW07064	In classroom 314	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07065	In classroom 308	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07066	In classroom 308	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07067	In classroom 305	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07068	In classroom 305	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07069	In classroom 301	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07070	In classroom 301	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07071	In classroom 302	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07072	In classroom 302	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07073	In media center 200	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
LW07074	In classroom 205	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07075	In classroom 205	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07076	In classroom 207	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

LW07077	In classroom 207	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07078	In classroom 211	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07079	In classroom 211	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07080	In classroom 222	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07081	In classroom 222	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07082	In classroom 226	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07083	In classroom 226	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07084	In classroom 230	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07085	In classroom 230	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07086	In classroom 219	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07087	In classroom 219	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07088	In classroom 234	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07089	In classroom 234	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW07101	In classroom 223	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW07102	In classroom 223	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08101	In work room 340	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
LW08102	In classroom 338	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08103	In classroom 338	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08104	In classroom 334	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08105	In classroom 334	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08106	In World Languages office 325	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08107	In World Languages office 325	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08108	In classroom 323	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08109	In classroom 323	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08110	In classroom 330	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08111	In classroom 330	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08112	In classroom 319	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08113	In classroom 319	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08114	In classroom 326	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08115	In classroom 326	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08116	In classroom 322	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08117	In classroom 322	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08118	In classroom 318	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

LW08119	In classroom 318	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08120	In classroom 311	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08121	In classroom 311	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08122	In classroom 307	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW08123	In classroom 307	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW08124	In classroom 314	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09715	In classroom 225	Classroom Combination Sink	1.7	Pass	N/A	Testing Complete
LW09716	In classroom 225	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09717	In classroom 238	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09718	In classroom 238	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09719	In classroom 242	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09720	In classroom 242	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09721	In work room 244	Classroom Combination Drinking Fountain	1.5	Pass	N/A	Testing Complete
LW09722	In hallway In front of 189	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09723	In hallway In front of 189	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09724	In gymnasium 101	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09725	In gymnasium 101	Bottle Filler	<1	Pass	N/A	Testing Complete
LW09726	In classroom 153	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09727	In classroom 153	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09728	In classroom 165	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09729	In classroom 165	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09730	In classroom 149	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09731	In classroom 149	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09732	In office 169	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09733	In office 169	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09734	In classroom 179	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09735	In classroom 179	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09736	In classroom 125	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09737	In classroom 179	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09738	In classroom 179	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09739	In classroom 183	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09740	In classroom 183	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09789	In speech therapy 127	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

LW09790	In speech therapy 127	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09791	In hallway In front of 114	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09797	In all purpose room 118	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW09798	In all purpose room 118	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09799	In all purpose room 118	Bottle Filler	<1	Pass	N/A	Testing Complete
LW09800	In music 133	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09801	In music 133	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09802	In health room 102	Nurses Office Sink	<1	Pass	N/A	Testing Complete
LW09803	In office 102C by health room	Nurses Office Sink	3.1	Pass	N/A	Testing Complete
LW09804	In office 102B by health room	Nurses Office Sink	1.1	Pass	N/A	Testing Complete
LW09805	In kitchen 120	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW09806	In kitchen 120	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW09807	In kitchen 120	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW09808	In kitchen 120	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW09809	In classroom 134	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09810	In classroom 134	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09811	In classroom 134	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09812	In classroom 134	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09813	In music 129	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete



**MONTGOMERY COUNTY PUBLIC SCHOOLS
LEAD IN DRINKING WATER TESTING 2019**

May 20, 2019

Executive Summary:
Bayard Rustin Elementary School
332 W Edmonston Drive,
Rockville, MD 20852

Round of Testing:	Initial
# of Outlets Tested:	121
# of Outlets \geq 20 ppb:	0
Low Value (ppb):	< 1.0
High Value (ppb):	4.3

Project Status
Testing Complete: Remediation Plan
All results less than 20 ppb.



May 20, 2019

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: Bayard Rustin Elementary School
332 W Edmonston Drive,
Rockville, MD 20852

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 Bayard Rustin Elementary School, located at 332 W Edmonston Drive, Rockville, MD 20852.

Scope of Services:

PSI conducted lead in water testing at Bayard Rustin 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 3/26/19 and 3/27/19 to collect samples from 121 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 3/23/18 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 blue ink, appearing to read 'Nan Lin'.

Nan Lin
Department Manager, Environmental Services
Nand.Kaushik@psiusa.com

Attachments: A – Lead in Water Test Summary Table

ATTACHMENT A

Bayard Rustin ES Water Test Summary Table

Contractor: Professional Services Industries, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Initial Sample Results for Bayard Rustin Elementary School (3/27/19)

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW09800	133			Faucet	1.3	Pass	Testing Complete
LW09801	133			Bubbler	<1.0	Pass	Testing Complete
LW09809	134			Faucet	<1.0	Pass	Testing Complete
LW09810	134			Bubbler	<1.0	Pass	Testing Complete
LW09811	134			Faucet	<1.0	Pass	Testing Complete
LW09812	134			Bubbler	<1.0	Pass	Testing Complete
LW09813	129			Faucet	<1.0	Pass	Testing Complete
LW09814	129			Bubbler	<1.0	Pass	Testing Complete
LW09797	118	APR		Faucet	<1.0	Pass	Testing Complete
LW09798	118	APR		Cooler	<1.0	Pass	Testing Complete
LW09799	118	APR		Cooler-Bottle Filling	<1.0	Pass	Testing Complete
LW09805	120	Kitchen		Faucet	<1.0	Pass	Testing Complete
LW09806	120			Faucet	<1.0	Pass	Testing Complete
LW09807	120			Faucet	<1.0	Pass	Testing Complete
LW09808	120			Faucet	<1.0	Pass	Testing Complete
LW09793	103			Faucet	<1.0	Pass	Testing Complete
LW09794	103			Faucet	<1.0	Pass	Testing Complete
LW09795	103			Faucet	<1.0	Pass	Testing Complete
LW09796	103			Bubbler	<1.0	Pass	Testing Complete
LW09802	102			Faucet	<1.0	Pass	Testing Complete
LW09792		Hallway	In front of 114	Cooler	<1.0	Pass	Testing Complete
LW09803	102C			Bubbler	2.4	Pass	Testing Complete
LW09791		Hallway	In front of 114	Cooler	<1.0	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW03553		Hallway	In front of 114	Cooler	<1.0	Pass	Testing Complete
LW09724	101-Gym			Cooler	<1.0	Pass	Testing Complete
LW09725	101-Gym			Cooler-Bottle Filling	<1.0	Pass	Testing Complete
LW09722		Hallway	In front of 189	Cooler	<1.0	Pass	Testing Complete
LW09723		Hallway	In front of 189	Cooler	<1.0	Pass	Testing Complete
LW03551	119			Faucet	<1.0	Pass	Testing Complete
LW03552	119			Bubbler	<1.0	Pass	Testing Complete
LW03549	187			Faucet	<1.0	Pass	Testing Complete
LW03550	187			Bubbler	<1.0	Pass	Testing Complete
LW03547	121			Faucet	<1.0	Pass	Testing Complete
LW03548	121			Bubbler	<1.0	Pass	Testing Complete
LW09735	179			Bubbler	<1.0	Pass	Testing Complete
LW09736	125			Faucet	<1.0	Pass	Testing Complete
LW09734	179			Faucet	<1.0	Pass	Testing Complete
LW03544	125			Bubbler	<1.0	Pass	Testing Complete
LW03545	183			Faucet	<1.0	Pass	Testing Complete
LW03546	183			Bubbler	<1.0	Pass	Testing Complete
LW09789	127			Faucet	1.4	Pass	Testing Complete
LW09732	169			Faucet	1.8	Pass	Testing Complete
LW09733	169			Bubbler	<1.0	Pass	Testing Complete
LW09790	127			Bubbler	<1.0	Pass	Testing Complete
LW09726	153			Faucet	<1.0	Pass	Testing Complete
LW09727	153			Bubbler	<1.0	Pass	Testing Complete
LW09728	165			Faucet	<1.0	Pass	Testing Complete
LW09729	165			Bubbler	<1.0	Pass	Testing Complete
LW09730	149			Faucet	<1.0	Pass	Testing Complete
LW09731	149			Bubbler	<1.0	Pass	Testing Complete
LW07059	201			Faucet	4.3	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW07060	201			Faucet	<1.0	Pass	Testing Complete
LW07061		Hallway	In front of 201	Cooler	<1.0	Pass	Testing Complete
LW07062		Hallway	In front of 201	Cooler	<1.0	Pass	Testing Complete
LW07073	200	IMC		Faucet	<1.0	Pass	Testing Complete
LW07063	210			Faucet	<1.0	Pass	Testing Complete
LW07074	205			Faucet	<1.0	Pass	Testing Complete
LW07075	205			Bubbler	<1.0	Pass	Testing Complete
LW07076	207			Faucet	<1.0	Pass	Testing Complete
LW07077	207			Bubbler	<1.0	Pass	Testing Complete
LW07078	211			Faucet	<1.0	Pass	Testing Complete
LW07079	211			Bubbler	<1.0	Pass	Testing Complete
LW07080	222			Faucet	<1.0	Pass	Testing Complete
LW07081	222			Bubbler	<1.0	Pass	Testing Complete
LW07082	226			Faucet	<1.0	Pass	Testing Complete
LW07083	226			Bubbler	<1.0	Pass	Testing Complete
LW07084	230			Faucet	<1.0	Pass	Testing Complete
LW07085	230			Bubbler	<1.0	Pass	Testing Complete
LW07086	219			Faucet	<1.0	Pass	Testing Complete
LW07087	219			Bubbler	<1.0	Pass	Testing Complete
LW07088	234			Faucet	<1.0	Pass	Testing Complete
LW07089	234			Bubbler	<1.0	Pass	Testing Complete
LW07102	223			Bubbler	<1.0	Pass	Testing Complete
LW07101	223			Faucet	<1.0	Pass	Testing Complete
LW09715	225			Faucet	1.2	Pass	Testing Complete
LW09716	225			Bubbler	<1.0	Pass	Testing Complete
LW09717	238			Faucet	<1.0	Pass	Testing Complete
LW09718	238			Bubbler	<1.0	Pass	Testing Complete
LW09719	242			Faucet	<1.0	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW09720	242			Bubbler	<1.0	Pass	Testing Complete
LW09721	244			Faucet	1.5	Pass	Testing Complete
LW07071	302			Faucet	<1.0	Pass	Testing Complete
LW07072	302			Bubbler	<1.0	Pass	Testing Complete
LW07069	301			Faucet	<1.0	Pass	Testing Complete
LW07070	301			Bubbler	<1.0	Pass	Testing Complete
LW07067	305			Faucet	<1.0	Pass	Testing Complete
LW07068	305			Bubbler	<1.0	Pass	Testing Complete
LW07065	308			Faucet	3.1	Pass	Testing Complete
LW07066	308			Bubbler	<1.0	Pass	Testing Complete
LW08124	314			Faucet	<1.0	Pass	Testing Complete
LW07064	314			Bubbler	<1.0	Pass	Testing Complete
LW08122	307			Faucet	<1.0	Pass	Testing Complete
LW08123	307			Bubbler	<1.0	Pass	Testing Complete
LW08120	311			Faucet	<1.0	Pass	Testing Complete
LW08121	311			Bubbler	<1.0	Pass	Testing Complete
LW08118	318			Faucet	<1.0	Pass	Testing Complete
LW08119	318			Bubbler	<1.0	Pass	Testing Complete
LW08116	322			Faucet	<1.0	Pass	Testing Complete
LW08117	322			Bubbler	<1.0	Pass	Testing Complete
LW08112	319			Faucet	<1.0	Pass	Testing Complete
LW08113	319			Bubbler	<1.0	Pass	Testing Complete
LW08114	326			Faucet	<1.0	Pass	Testing Complete
LW08115	326			Bubbler	<1.0	Pass	Testing Complete
LW08110	330			Faucet	<1.0	Pass	Testing Complete
LW08111	330			Bubbler	<1.0	Pass	Testing Complete
LW08109	323			Bubbler	<1.0	Pass	Testing Complete
LW08108	323			Faucet	2.3	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW08106	325			Faucet	<1.0	Pass	Testing Complete
LW08107	325			Bubbler	<1.0	Pass	Testing Complete
LW08105	334			Bubbler	<1.0	Pass	Testing Complete
LW08104	334			Faucet	<1.0	Pass	Testing Complete
LW08101	340			Faucet	1.6	Pass	Testing Complete
LW08102	338			Faucet	1.9	Pass	Testing Complete
LW08103	338			Bubbler	<1.0	Pass	Testing Complete
LW04997		Hallway	In front of 3rd floor Elevator	Cooler	<1.0	Pass	Testing Complete
LW04998		Hallway	In front of 3rd floor Elevator	Cooler	<1.0	Pass	Testing Complete
LW09738	179			Bubbler	<1.0	Pass	Testing Complete
LW09737	179			Faucet	<1.0	Pass	Testing Complete
LW09739	183			Faucet	<1.0	Pass	Testing Complete
LW09740	183			Bubbler	<1.0	Pass	Testing Complete
LW09804	102B			Faucet	01.2	Pass	Testing Complete

*ppb = parts per billion