

# Montgomery County Public Schools Lead in Drinking Water Testing Report

**Bel Pre Elementary School  
13801 Rippling Brook Dr  
Silver Spring, 20906**

**Report Date: January 25, 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	12/2/2025
# of Outlets Tested	51
# 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](mailto: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](http://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

**Lead in Water Sample Results Table**

Sampling Results - Bel Pre ES					
Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW03125	In kitchen LTR 2 of 3	Multiple Compartment Sink - Faucet, Cold	<1.0	Pass	Testing Complete
LW03126	In kitchen LTR 3 of 3	Multiple Compartment Sink - Faucet, Cold	1	Pass	Testing Complete
LW03129	In classroom 253 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW03134	In classroom 259 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05548	Hallway across CR 144	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW05549	Outside of gym	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
M32053	In health room 102	Faucet, Cold	<1.0	Pass	Testing Complete
M32055	Inside health room CR 102 D	Faucet, Cold	2.5	Pass	Testing Complete
M32056	In office 102D by health	Faucet, Cold	2.7	Pass	Testing Complete
M32060	In kitchen LTR 1 of 3	Multiple Compartment Sink - Faucet, Cold	1.9	Pass	Testing Complete
M32065	In hallway across from CR 144 Linkages to Learning	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32066	In hallway across from CR 144 Linkages to Learning	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32081	In classroom 153 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32083	In classroom 157 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32086	In classroom 128 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32090	In classroom 161 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32092	In classroom 132 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	1.1	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32097	In classroom 145 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32101	In classroom 124 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32106	In classroom 120 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32108	In classroom 141 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32111	In classroom 137 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32115	In classroom 118	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32117	In classroom 135 LTR 1-2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32120	In classroom 114 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32123	In classroom 131 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32126	In classroom 112 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32139	In hallway next to gym LTR 1 of 2	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32140	In hallway next to gym LTR 2 of 2	Combination Sink - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32144	In classroom 245 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32145	In classroom 224 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32148	In classroom 241 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32150	In classroom 220 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32151	In classroom 237 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32154	In classroom 235 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32155	In classroom 214 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32159	In classroom 231 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32161	In classroom 210 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32164	In classroom 229 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32165	In classroom 208 LTR 1-2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32167	In classroom 225 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32170	In classroom 204 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32180	Hallway adjacent to classroom 200	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32181	In hallway across from CR 200 and next to IMC LTR	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32183	In hallway near CR 228 LTR 1 of 2	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32184	In hallway near CR 228 LTR 2 of 2	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
M32185	In classroom 228 LTR 1 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32197	In classroom 257 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32203	In classroom 240 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32205	In classroom 263 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M32207	In classroom 244 LTR 2 of 2	Combination Sink - Fountain - Bubblers Style (Non-Refrigerated)	<1.0	Pass	Testing Complete

# Montgomery County Public Schools Lead in Drinking Water Testing Report

**Bel Pre Elementary School  
13801 Rippling Brook Drive  
Silver Spring, MD 20906**

**Report Date: August 22nd, 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	3/21/23
# of Outlets Tested	55
# 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](mailto: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](http://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 Bel Pre ES

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW03125	In kitchen	Kitchen Sink	<1.0	Pass	Testing Complete
LW03126	In kitchen	Kitchen Sink	<1.0	Pass	Testing Complete
LW03128	In classroom 120	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
LW03129	In classroom 253	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
LW03132	In classroom 238	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
LW03134	In classroom 259	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32053	In health room 102	Nurse's Office Sink	<1.0	Pass	Testing Complete
M32054	In classroom 141	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32056	In office 102D ie. inside health	Office Sink	<1.0	Pass	Testing Complete
M32060	In kitchen	Kitchen Sink	<1.0	Pass	Testing Complete
M32065	In hallway across from CR 144	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32066	In hallway across from CR 144	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32073	In music 147	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32081	In classroom 153	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32083	In classroom 157	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32086	In classroom 128	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32090	In classroom 161	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32092	In classroom 132	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32097	In classroom 145	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32101	In classroom 124	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32106	In classroom 120	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32108	In classroom 141	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32111	In classroom 137	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32120	In classroom 114	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32123	In classroom 131	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32126	In classroom 112	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32131	In break room 108	Teachers' Lounge Sink	<1.0	Pass	Testing Complete
M32133	In office 109	Teachers' Lounge Sink	<1.0	Pass	Testing Complete
M32139	In hallway next to gym	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32140	In hallway next to gym	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32144	In classroom 245	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32145	In classroom 224	Classroom Drinking Fountain	<1.0	Pass	Testing Complete

<b>Outlet Barcode</b>	<b>Outlet Location</b>	<b>Outlet Type</b>	<b>Initials Results (ppb)</b>	<b>Pass/Fail</b>	<b>Status</b>
M32148	In classroom 241	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32150	In classroom 220	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32151	In classroom 237	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32154	In classroom 235	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32155	In classroom 214	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32159	In classroom 231	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32161	In classroom 210	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32164	In classroom 229	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32167	In classroom 225	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32170	In classroom 204	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32181	In hallway across from CR 200 and next to IMC	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32183	In hallway near CR 228	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32184	In hallway near CR 228	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32185	In classroom 228	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32197	In classroom 257	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32203	In classroom 240	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32205	In classroom 263	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32207	In classroom 244	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32117	In classroom 135	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
M32178	In classroom 200	Classroom Drinking Fountain	<1.0	Pass	Testing Complete
LW05548	HW Across CR 144	Drinking Water Fountain	<1.0	Pass	Testing Complete
M32055	Health room CR 102 D	Nurse's Office Sink	<1.0	Pass	Testing Complete
LW005549	HWF next to gym	Drinking Water Fountain	<1.0	Pass	Testing Complete

# Montgomery County Public Schools Lead in Drinking Water Testing Report

**Bel Pre Elementary School  
13801 Rippling Brook Dr.  
Silver Spring, MD 20906**

**Report Date: February 27<sup>th</sup>, 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	2/6/2020
# of Outlets Tested	93
# 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.

### **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.

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### **ADDITIONAL INFORMATION**

1. For additional information, please contact Brian Mullikin, Environmental Team Leader, at 240.740.2324 or [brian\\_a\\_mullikin@mcpsmd.org](mailto: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](http://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 Bel Pre ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW03125	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW03126	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW03127	In classroom 137 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03128	In classroom 120 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03129	In classroom 253 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03130	In classroom 257 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03131	In classroom 238 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03132	In classroom 238 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03133	In classroom 259 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03134	In classroom 259 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW03135	In classroom 263 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW03136	In classroom 235 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32053	In health room 102 by health	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M32054	In classroom 141 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32056	In office 102D by health ie. inside health	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M32060	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
M32065	In hallway across from CR 144 Linkages to learning	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32066	In hallway across from CR 144 Linkages to learning	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32072	In music 147 by music	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32073	In music 147 by music	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32074	In classroom 126 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32076	In classroom 126 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32081	In classroom 153 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32082	In classroom 153 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32083	In classroom 157 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32084	In classroom 157 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32085	In classroom 128 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32086	In classroom 128 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

M32088	In classroom 161 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32090	In classroom 161 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32091	In closet 132 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32092	In classroom 132 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32097	In classroom 145 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32098	In classroom 145 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32100	In classroom 124 by classroom	Classroom Sink	1.9	Pass	N/A	Testing Complete
M32101	In classroom 124 by classroom	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32105	In classroom 120 by classroom	Classroom Sink	<1	Pass	N/A	Testing Complete
M32109	In classroom 141 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32111	In classroom 137 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32114	In classroom 118 by classroom	Classroom Sink	<1	Pass	N/A	Testing Complete
M32115	In classroom 118 by classroom	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32120	In classroom 114 by classroom	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32121	In classroom 114 by classroom	Classroom Sink	<1	Pass	N/A	Testing Complete
M32123	In classroom 131 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32124	In classroom 131 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32126	In classroom 112 by classroom	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32127	In classroom 112 by classroom	Classroom Sink	<1	Pass	N/A	Testing Complete
M32131	In break room 108 by break room	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M32132	In office 111 by office	Classroom Sink	<1	Pass	N/A	Testing Complete
M32133	In office 109 by office	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32134	In office 109 by office	Classroom Sink	<1	Pass	N/A	Testing Complete
M32139	In hallway next to gym	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32140	In hallway next to gym	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32143	In classroom 245 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32144	In classroom 245 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32145	In classroom 224 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32146	In classroom 224 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32147	In classroom 241 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32148	In classroom 241 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

M32149	In classroom 220 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32150	In classroom 220 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32151	In classroom 237 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32152	In classroom 237 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32154	In classroom 235 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32155	In classroom 214	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32157	In classroom 214 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32159	In classroom 231 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32160	In classroom 231 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32161	In classroom 210 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32162	In classroom 210 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32163	In classroom 229 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32164	In classroom 229 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32165	In classroom 208 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32166	In classroom 208 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32167	In classroom 225 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32168	In classroom 225 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32169	In classroom 204 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32170	In classroom 204 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32180	In hallway across from CR 200 and next to IMC	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32181	In hallway across from CR 200 and next to IMC	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32183	In hallway near CR 228	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32184	In hallway near CR 228	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32185	In classroom 228 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32186	In classroom 228 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32191	In classroom 253 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32197	In classroom 257 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32202	In classroom 240 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32203	In classroom 240 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32205	In classroom 263 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32206	In classroom 244 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

M32207	In classroom 244 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32106	In classroom 120	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32108	In classroom 141	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete



## Montgomery County Public Schools Lead in Drinking Water Testing 2018

### Executive Summary:

#### Bel Pre Elementary School

13801 Rippling Brook Drive  
Silver Spring, Maryland 20906

Date of Test Report:	3/13/2018
Round of Testing:	Initial
# of Outlets Tested:	94
# of Outlets $\geq 20$ ppb:	0
Low Value (ppb):	<1.0
High Value (ppb):	5.1

### Project Status:

Initial testing complete; All results less than 20 ppb.



3/13/2018

Mr. Brian Mullikin, MS  
Environmental Team Leader  
Montgomery County Public Schools  
Division of Maintenance  
Gaithersburg, Maryland 20879

Re: Drinking Water Testing

KCI Job #1214634186

**Location: Bel Pre Elementary School**

13801 Rippling Brook Drive  
Silver Spring, Maryland 20906

Dear Mr. Mullikin:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) for completion of Initial lead in water testing at Bel Pre Elementary School, located at 13801 Rippling Brook Drive in Silver Spring, Maryland 20906.

**SCOPE OF SERVICES**

KCI conducted lead in water testing at Bel Pre 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.

KCI visited the site on 2/5/2018 and 2/6/2018 to collect samples from 94 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.

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## **RESULTS**

There are no results of the lead in water analysis at or above 20 parts per billion (ppb). The lead in water sample results for sample collection date 2/6/2018 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,  
KCI Technologies, Inc.



Kamau McAbee  
MDE Certified Water Sampler #8281KM

Attachment:

A- Lead in Water Test Summary Table

# ATTACHMENT A

## Lead in Water Test Summary Table

ATTACHMENT A

Lead in Water Test Summary Table

Contractor: KCI Technologies, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Sample Results for Bel Pre ES

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW03125		Kitchen Kitchen		Faucet	<1.0	Pass	Testing Complete
LW03126		Kitchen Kitchen		Faucet	<1.0	Pass	Testing Complete
LW03127	137	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW03218	120	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW03129	253	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW03130	257	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW03131	238	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW03132	238	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW03133	259	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW03135	263	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW03136	235	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32053	102	Health Room Health		Faucet	<1.0	Pass	Testing Complete
M32055	102C	Office Health	inside Health	Faucet	5.1	Pass	Testing Complete
M32056	102D	Office Health	inside Health	Faucet	4.5	Pass	Testing Complete
M32060		Kitchen Kitchen		Faucet	<1.0	Pass	Testing Complete
M32065		Hallway Hallway	Across from CR 144 Linkages to Learning	Cooler	<1.0	Pass	Testing Complete
M32066		Hallway Hallway	Across from CR 144 Linkages to Learning	Cooler	<1.0	Pass	Testing Complete
M32072	147	Music Music		Faucet	<1.0	Pass	Testing Complete
M32073	147	Music Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32075	126			Faucet	<1.0	Pass	Testing Complete
M32077	126			Faucet	<1.0	Pass	Testing Complete
M32078	126B	Office Classroom	inside CR 126	Faucet	<1.0	Pass	Testing Complete
M32082	153	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32083	157	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32084	157	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32085	128	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32086	128	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32088	161	Classroom Classroom		Faucet	1.2	Pass	Testing Complete
M32090	161	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M32091	132	Closet Classroom		Faucet	<1.0	Pass	Testing Complete
M32092	132	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32094	165	Art Art		Faucet	<1.0	Pass	Testing Complete
M32095	165	Art Art		Faucet	<1.0	Pass	Testing Complete
M32097	145	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32098	145	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32100	124	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32101	124	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32105	120	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32108	141			Bubbler - Indoor	<1.0	Pass	Testing Complete
M32109	141	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32111	137	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32114	118	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32115	118	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32120	114	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32121	114	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32123	131	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32124	131	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32126	112	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32127	112	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32131	108	Break Room Break Room		Faucet	<1.0	Pass	Testing Complete
M32132	111	Office Office		Faucet	<1.0	Pass	Testing Complete
M32133	109	Office Office		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32134	109	Office Office		Faucet	<1.0	Pass	Testing Complete
M32139		Hallway Hallway	Next to Gym	Cooler	<1.0	Pass	Testing Complete
M32140		Hallway Hallway	Next to Gym	Cooler	<1.0	Pass	Testing Complete
M32143	245	Classroom Classroom		Faucet	1.2	Pass	Testing Complete
M32144	245	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32145	224	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32146	224	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32147	241	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32148	241	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M32149	220	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32150	220	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32151	237	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32152	237	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32154	235	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32155	214	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32157	214	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32159	231	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32160	231	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32161	210	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32162	210	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32163	229	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32164	229	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32165	208	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32166	208	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32167	225	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32168	225	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32169	204	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32170	204	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32180		Hallway Hallway	Across from CR 200 and Next to IMC	Cooler	<1.0	Pass	Testing Complete
M32181		Hallway Hallway	Across from CR 200 and Next to IMC	Cooler	<1.0	Pass	Testing Complete
M32181		Hallway Hallway	Across from CR 200 and Next to IMC	Cooler	<1.0	Pass	Testing Complete
M32183		Hallway Hallway	Near CR 228	Cooler	<1.0	Pass	Testing Complete
M32184		Hallway Hallway	Near CR 228	Cooler	<1.0	Pass	Testing Complete
M32185	228	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32186	228	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32191	253	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32197	257	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32202	240	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
M32203	240	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32205	263	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32206	244	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M32207	244	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

\*PPB = parts per billion