Montgomery County Public Schools
Lead in Drinking Water Testing Report

Kemp Mill Elementary School
411 Sisson St
Silver Spring, MD 20902

Report Date: May 23, 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	04/10/2026
# of Outlets Tested	44
# of Outlets ≥ 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-Kemp Mill Elementary School					
Outlet Barcode	**Outlet Location**	**Outlet Type**	**Initial Results (ppb)**	**Pass/Fail**	**Status**
LW05205	In hallway across from Multipurpose Room	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05206	In hallway across from Multipurpose Room	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05210	In classroom 200	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05214	In classroom 202	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05215	In hallway across from room 204	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05216	In hallway across from room 204	Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05221	In classroom 205	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05223	In classroom 208	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05225	In classroom 207	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05227	In classroom 209	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05231	In classroom 212	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05233	In classroom 211	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05235	In classroom 214	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05237	In classroom 216	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW05240	In hallway outside of room 218	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05241	In hallway outside of room 218	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05243	In classroom 218	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05245	In classroom 217	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05247	In classroom 215	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05250	In nurse's office	Faucet, Cold	<1.0	Pass	Testing Complete
LW05253	In classroom 107	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	3.7	Pass	Testing Complete
LW05255	In classroom 108	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05256	In media center office	Faucet, Cold	<1.0	Pass	Testing Complete
LW05261	In hallway across from room 102	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05262	In hallway across from room 102	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW05264	In classroom 102	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	4.1	Pass	Testing Complete
LW05268	In classroom 100	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05272	In classroom 113	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW05274	In classroom 114	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05276	In classroom 115	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW05278	In classroom 116	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	1.1	Pass	Testing Complete
LW05550	In hallway across from Multipurpose Room	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW05552	In classroom 200	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW14109	In hallway across from room 204	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW14216	In classroom 213	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW14217	In classroom 210	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW14218	In classroom 117	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW14219	In classroom 105	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	1.6	Pass	Testing Complete
LW14220	In classroom 104	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
LW14221	In classroom 101	Combination Sink - Fountain - Bubbler Style (Non-Refrigerated)	<1.0	Pass	Testing Complete
M03039	In kitchen	Commercial Sprayer, Cold	<1.0	Pass	Testing Complete
M03040	In kitchen	Multiple Compartment Sink - Faucet, Cold	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M03041	In kitchen	Multiple Compartment Sink - Faucet, Cold	1.4	Pass	Testing Complete
M03042	In kitchen	Faucet, Cold	1.0	Pass	Testing Complete

Montgomery County Public Schools
Lead in Drinking Water Testing Report

Kemp Mill Elementary School
411 Sisson Street
Silver Spring, MD 20902

Report Date: July 28th, 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	3/24/23
# of Outlets Tested	22
# of Outlets ≥ 5 ppb	1

NEXT STEPS

If an initial sample exceeds the AL (5 ppb), the outlet will be shut-down within 24 hours, a follow up sample collected, and a remedial plan of action developed for this outlet. No additional sampling or remedial actions are required for schools where all initial samples are below the AL.

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

SOURCES OF HUMAN EXPOSURE TO LEAD

There are many different sources of human exposure to lead. These include: lead-based paint, lead-contaminated dust or soil,some plumbing materials, certain types of pottery, pewter, brass outlets, food, cosmetics, exposure in the workplace and from certain hobbies. According to the Environmental Protection Agency (EPA), 10 to 20 percent of a person's potential exposure to lead may come from drinking water, while for an infant consuming formula mixed with lead containing water this may increase to 40 to 60 percent.

TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

1. Run your water to flush out lead**:** If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

**Please note that boiling the water will not reduce lead levels.*

ADDITIONAL INFORMATION

1. For additional information, please contact Brian Mullikin, Environmental Team Leader, at 240.740.2324 or brian_a_mullikin@mcpsmd.org.
2. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at www.epa.gov/lead.
3. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested forlead.

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 Kemp Mill ES

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW05205	In hallway across from MPR	Drinking Fountain	<1.0	Pass	Testing Complete
LW05206	In hallway across from MPR	Drinking Fountain	<1.0	Pass	Testing Complete
LW05210	In classroom 200	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW05215	In hallway across from 204	Drinking Fountain	<1.0	Pass	Testing Complete
LW05216	In hallway across from 204	Drinking Fountain	<1.0	Pass	Testing Complete
LW05237	In classroom 216	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW05240	In hallway outside of 218	Drinking Fountain	<1.0	Pass	Testing Complete
LW05241	In hallway outside of 218	Drinking Fountain	<1.0	Pass	Testing Complete
LW05247	In classroom 215	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW05250	In health room	Nurses Office Sink	<1.0	Pass	Testing Complete
LW05260	In classroom 103	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW05261	In hallway across from 102	Drinking Fountain	<1.0	Pass	Testing Complete
LW05262	In hallway across from 102	Drinking Fountain	<1.0	Pass	Testing Complete
LW05274	In classroom 114	Classroom Combination Drinking Fountain	9.5	Fail	Remediation Action Plan
LW05276	In classroom 115	Classroom Combination Drinking Fountain	1.7	Pass	Testing Complete
M03039	In kitchen	Kitchen Sink	3.8	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
M03040	In kitchen	Kitchen Sink	<1.0	Pass	Testing Complete
M03041	In kitchen	Kitchen Sink	3.3	Pass	Testing Complete
M03042	In kitchen	Kitchen Sink	1.3	Pass	Testing Complete
LW05231	In classroom 212	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW05550	HW across MPR	Drinking Fountain	<1.0	Pass	Testing Complete
LW05552	CR-200	Classroom Combination Drinking Fountain	1.2	Pass	Testing Complete

Montgomery County Public Schools
Lead in Drinking Water Testing Report

Kemp Mill Elementary School
411 Sisson Street
Silver Spring, MD 20902

Report Date: March 16th, 2020

LEAD IN DRINKING WATER SAMPLE RESULTS SUMMARY

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Sampling Date	2/12/2020
# of Outlets Tested	80
# of Outlets ≥ 5 ppb	1

NEXT STEPS

If an initial sample exceeds the AL (5 ppb), the outlet will be immediately shut-down, a follow-up sample collected, and a remedial plan of action developed for this outlet. Due to the Stay-at-Home Order to combat the spread of COVID-19 (coronavirus), no follow-up samples were collected. No additional sampling or remedial actions are required for schools where all initial samples are below the AL.

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

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TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

1. Run your water to flush out lead**:** If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

**Please note that boiling the water will not reduce lead levels.*

ADDITIONAL INFORMATION

1. For additional information, please contact Brian Mullikin, Environmental Team Leader, at 240.740.2324 or brian_a_mullikin@mcpsmd.org.
2. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at www.epa.gov/lead.
3. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.

Please refer to the attachment(s) for additional water sampling information.

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

ATTACHMENT A

Lead in Water Sample Results Table

Sampling Results for Kemp Mill ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW05205	In hallway across from Multi-pr	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05206	In hallway across from Multi-pr	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05207	In classroom 200 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05208	In classroom 200 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05209	In classroom 200 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05210	In classroom 200 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05211	In classroom 201 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05212	In classroom 200 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05213	In classroom 202 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05214	In classroom 202 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05215	In hallway across from 204	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05216	In hallway across from 204	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05217	In classroom 204 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05218	In classroom 204 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05219	In classroom 206 by classroom	Classroom Sink	<1	Pass	N/A	Testing complete
LW05220	In classroom 205 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05221	In classroom 205 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05222	In classroom 208 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05223	In classroom 208 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05224	In classroom 207 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05225	In classroom 207 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05226	In classroom 209 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05227	In classroom 209 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05228	In classroom 210 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05229	In classroom 210 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05230	In classroom 212 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05232	In classroom 211 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete

LW05233	In classroom 211 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05234	In classroom 214 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05235	In classroom 214 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05236	In classroom 216 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05237	In classroom 216 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05238	In classroom 213 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05239	In classroom 213 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05240	In hallway outside of 218	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05241	In hallway outside of 218	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05242	In classroom 218 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05243	In classroom 218 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05244	In classroom 217 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05245	In classroom 217 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05246	In classroom 215 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05247	In classroom 215 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05248	In break room	Teachers Lounge Sink	<1	Pass	N/A	Testing complete
LW05249	In break room by break room	Teachers Lounge Sink	<1	Pass	N/A	Testing complete
LW05250	In health room by health	Nurses Office Sink	<1	Pass	N/A	Testing complete
LW05251	In work room by work room	Classroom Sink	<1	Pass	N/A	Testing complete
LW05252	In classroom 107 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05253	In classroom 107 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05254	In classroom 108 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05255	In classroom 108 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05256	In office by media center	Classroom Sink	<1	Pass	N/A	Testing complete
LW05257	In classroom 104 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05258	In classroom 104 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05259	In classroom 103 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05260	In classroom 103 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05261	In hallway across from 102	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05262	In hallway across from 102	Drinking Fountain	<1	Pass	N/A	Testing complete
LW05264	In art 102 by art	Classroom Combination Drinking Fountain	3.4	Pass	N/A	Testing complete

LW05265	In classroom 101 by classroom	Classroom Combination Sink	1.7	Pass	N/A	Testing complete
LW05266	In classroom 101 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05267	In classroom 100 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05268	In classroom 100 by classroom	Classroom Combination Drinking Fountain	2.0	Pass	N/A	Testing complete
LW05269	In classroom 112 by classroom	Classroom Combination Sink	1.2	Pass	N/A	Testing complete
LW05270	In classroom 112 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05271	In classroom 113 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05272	In classroom 113 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05273	In classroom 114 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05274	In classroom 114 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05275	In classroom 115 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05276	In classroom 115 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05277	In classroom 116	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05278	In classroom 116 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW05279	In speech therapy 118 by speech therapy	Classroom Sink	1.2	Pass	N/A	Testing complete
LW05280	In classroom 117 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW05281	In classroom 117 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M03039	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing complete
M03040	In kitchen by kitchen	Kitchen Sink	1.2	Pass	N/A	Testing complete
M03041	In kitchen by kitchen	Kitchen Sink	1.1	Pass	N/A	Testing complete
M03042	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing complete
LW08155	In classroom 102	Classroom Combination Sink	6.2	Fail	NC	Remediation Action Plan

NC - Not Collected (No follow-up sample collected due to COVID-19 (Coronavirus) Stay-at-Home Order.)

KCI TECHNOLOGIES
ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS
936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

Montgomery County Public Schools
Lead in Drinking Water Testing 2018

Executive Summary:
Kemp Mill Elementary School
411 Sisson Street
Silver Spring, Maryland 20902

Date of Test Report:	3/13/2018
Round of Testing:	Initial
# of Outlets Tested:	78
# of Outlets ≥20 ppb:	0
Low Value (ppb):	<1.0
High Value (ppb):	2.8

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

KCI TECHNOLOGIES
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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: Kemp Mill Elementary School
411 Sisson Street
Silver Spring, Maryland 20902

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 Kemp Mill Elementary School, located at 411 Sisson Street in Silver Spring, Maryland 20902.

SCOPE OF SERVICES

KCI conducted lead in water testing at Kemp Mill 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 2/14/2018 and 2/15/2018 to collect samples from 78 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 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 2/15/2018 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 Kemp Mill ES

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05205		Hallway Hallway	Across From Multi-prrm	Cooler	<1.0	Pass	Testing Complete
LW05206		Hallway Hallway	Across From Multi-prrm	Cooler	<1.0	Pass	Testing Complete
LW05207	200	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05208	200	Classroom Classroom		Faucet	1.3	Pass	Testing Complete
LW05209	200	Classroom Classroom		Faucet	1	Pass	Testing Complete
LW05210	200	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05211	201	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05212	200	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05213	202	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05214	202	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05215		Hallway Hallway	Across From Rm 204	Cooler	<1.0	Pass	Testing Complete
LW05216		Hallway Hallway	Across From Rm 204	Cooler	<1.0	Pass	Testing Complete
LW05217	204	Classroom Classroom		Faucet	1.1	Pass	Testing Complete
LW05218	204	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05219	206	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05220	205	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05221	205	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05222	208	Classroom Classroom		Faucet	1.4	Pass	Testing Complete
LW05223	208	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05224	207	Classroom Classroom		Faucet	1	Pass	Testing Complete
LW05225	207	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05226	209	Classroom Classroom		Faucet	1.3	Pass	Testing Complete
LW05227	209	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05228	210	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05229	210	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05230	212	Classroom Classroom		Faucet	2.3	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05232	211	Classroom Classroom		Faucet	1	Pass	Testing Complete
LW05233	211	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05234	214	Classroom Classroom		Faucet	1	Pass	Testing Complete
LW05235	214	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05236	216	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05237	216	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05238	213	Classroom Classroom		Faucet	2.8	Pass	Testing Complete
LW05239	213	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05240		Hallway Hallway	Outside Of Rm 218	Cooler	<1.0	Pass	Testing Complete
LW05241		Hallway Hallway	Outside Of Rm 218	Cooler	<1.0	Pass	Testing Complete
LW05242	218	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05243	218	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05244	217	Classroom Classroom		Faucet	1.5	Pass	Testing Complete
LW05245	217	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05246	215	Classroom Classroom		Faucet	2	Pass	Testing Complete
LW05247	215	Classroom Classroom		Bubbler - Indoor	1.2	Pass	Testing Complete
LW05250		Health Room Health Room		Faucet	<1.0	Pass	Testing Complete
LW05251		Work Room Work Room		Faucet	<1.0	Pass	Testing Complete
LW05252	107	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05253	107	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05254	108	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05255	108	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05256		Office Media Center		Faucet	1.3	Pass	Testing Complete
LW05257	104	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05258	104	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05259	103	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05260	103	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05261		Hallway Hallway	Across From Rm 102	Cooler	<1.0	Pass	Testing Complete
LW05262		Hallway Hallway	Across From Rm 102	Cooler	<1.0	Pass	Testing Complete
LW05263	102	Art Art		Faucet	1.9	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05264	102	Art Art		Bubbler - Indoor	1.9	Pass	Testing Complete
LW05265	101	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05266	101	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05267	100	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05268	100	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05269	112	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05270	112	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05271	113	Classroom Classroom		Faucet	1.1	Pass	Testing Complete
LW05272	113	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05273	114	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05274	114	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05275	115	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05276	115	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05277	116	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05278	116	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05279	118	Speech Therapy Speech Therapy		Faucet	1.6	Pass	Testing Complete
LW05280	117	Classroom Classroom		Faucet	<1.0	Pass	Testing Complete
LW05281	117	Classroom Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M03039		Kitchen Kitchen		Faucet	1.6	Pass	Testing Complete
M03040		Kitchen Kitchen		Faucet	1.2	Pass	Testing Complete
M03041		Kitchen Kitchen		Faucet	1.3	Pass	Testing Complete
M03042		Kitchen Kitchen		Faucet	1	Pass	Testing Complete

*PPB = parts per billion