

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Galway Elementary School
12612 Galway Dr.
Silver Spring, MD 20904**

Report Date: April 17th, 2024

LEAD IN DRINKING WATER SAMPLE RESULTS SUMMARY

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations (COMAR). Montgomery County Public Schools (MCPS) is required to remediate outlets where lead in drinking water concentrations exceed the State Action Level (AL) of 5 parts per billion (ppb). A summary of the lead in water initial samples collected by Inspection Experts Inc. is presented in the table below.

Sampling Date	2/13/2024
# of Outlets Tested	58
# of Outlets \geq 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 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 Galway ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW05535	Hallway next to stair 2	Bottle Refill Dispenser/Water Refill Station	<1.0	Pass	Testing Complete
LW05536	Hallway next to stair 2	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW05538	Hallway between classrooms 133 and 131	Bottle Refill Dispenser/Water Refill Station	<1.0	Pass	Testing Complete
LW05540	Hallway next to staff room 131	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW05851	In hallway outside of 129	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05852	In hallway outside of 129	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M06580	In health room 102	Faucet, Cold	<1.0	Pass	Testing Complete
M06581	In health room 102	Faucet, Cold	<1.0	Pass	Testing Complete
M06583	In office 102C by health room	Faucet, Cold	<1.0	Pass	Testing Complete
M06584	Work room 100	Faucet, Cold	<1.0	Pass	Testing Complete
M06587	In classroom 101	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M06589	In classroom 101	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M06600	In hallway across from 115	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M06601	In hallway across from 115	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M06611	In classroom 136	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M06613	In classroom 132	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M06615	In classroom 128	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M06621	In office 122A	Faucet, Cold	<1.0	Pass	Testing Complete
M06622	In kitchen 174D	Faucet, Cold	1.2	Pass	Testing Complete
M06623	Kitchen	Faucet, Cold	1.0	Pass	Testing Complete
M06624	In kitchen 174D	Faucet, Cold	<1.0	Pass	Testing Complete
M06625	In kitchen 174D	Faucet, Cold	<1.0	Pass	Testing Complete
M06632	In classroom 185	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M06635	In classroom 181	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M06638	In classroom 179	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M06641	Classroom175	Drinking Water Fountain - Bubbler Style	<1.0	Pass	Testing Complete
M06654	In office 167 learning center	Drinking Water fountain - Bubbler Style	1.0	Pass	Testing Complete
M07548	In break room 129	Faucet, Cold	<1.0	Pass	Testing Complete
M07556	In classroom 162	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M07558	In classroom 170	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27034	In classroom 37	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27036	In classroom 38	Drinking Water Fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27038	In classroom 35	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27046	In classroom 30	Drinking Water fountain - Bubbler Style	18.3	Fail	Remediation Action Plan
M27048	In classroom 31	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M27052	In classroom 23	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27054	In classroom 28	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27056	In classroom 19	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27058	In classroom 24	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27060	Classroom 17	Drinking Water Fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27064	Classroom 13	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27066	In classroom 18	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27068	In classroom 11	Drinking Water Fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27070	In classroom 16	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27079	In classroom 53	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27085	In classroom 47	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete
M27088	In classroom 45	Drinking Water fountain - Bubbler Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M27091	In classroom 41	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27093	In work room 8	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27097	In classroom 159	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27099	In classroom 157	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27110	In hallway adjacent to classroom 153	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M27112	In classroom 149	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27114	In classroom 160	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27116	In classroom 145	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27122	In classroom 154	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27128	Classroom 150	Drinking Water Fountain - Bubblers Style	<1.0	Pass	Testing Complete
M27130	Classroom 137	Drinking Water Fountain - Bubblers Style	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Galway Elementary School
12612 Galway Drive
Silver Spring, MD 20904**

Report Date: February 19th, 2022

LEAD IN DRINKING WATER SAMPLE RESULTS SUMMARY

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations (COMAR). Montgomery County Public Schools (MCPS) is required to remediate outlets where lead in drinking water concentrations exceed the Montgomery County Action Level (AL) of 5 parts per billion (ppb). A summary of the lead in water initial samples collected by SaLUT are presented in the table below.

Sampling Date	11/03/2021
# of Outlets Tested	104
# 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

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

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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 Galway ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW05851	In hallway outside of 129	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05852	In hallway outside of 129	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05853	In classroom 143	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05854	In classroom 148	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05855	In classroom 13	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06580	In health room 102	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M06581	In health room 102	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M06583	In office 102C by health room	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M06587	In classroom 101	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06589	In classroom 101	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06592	In classroom 109	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06593	In hallway outside of 108	Drinking Fountain	<1	Pass	N/A	Testing Complete
M06594	In hallway outside of 108	Drinking Fountain	<1	Pass	N/A	Testing Complete
M06600	In hallway across from 115	Drinking Fountain	<1	Pass	N/A	Testing Complete
M06601	In hallway across from 115	Drinking Fountain	<1	Pass	N/A	Testing Complete
m06607	Classroom 119	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M06608	In music 123	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06610	In classroom 136	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06611	In classroom 136	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06612	In classroom 132	Classroom Combination Sink	4.1	Pass	N/A	Testing Complete
M06613	In classroom 132	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06614	In classroom 128	Classroom Combination Drinking Fountain	1.9	Pass	N/A	Testing Complete
M06615	In classroom 128	Classroom Combination Drinking Fountain	6.3	Fail	55.6	Testing Complete
M06616	In ESOL 124	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06618	In day care 122	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06621	In office 122A	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M06622	In kitchen 174D	Kitchen Sink	<1	Pass	N/A	Testing Complete
M06624	In kitchen 174D	Kitchen Sink	3.1	Pass	N/A	Testing Complete
M06625	In kitchen 174D	Kitchen Sink	<1	Pass	N/A	Testing Complete
M06631	In classroom 185	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

M06632	In classroom 185	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06634	In classroom 181	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06635	In classroom 181	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06637	In classroom 179	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06638	In classroom 179	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M06640	In classroom 175	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06643	In classroom 173	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06645	In classroom 169	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06651	In classroom 125	Classroom Combination Sink	1.4	Pass	N/A	Testing Complete
M06653	In office 167 learning center Ms. Fox	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M06654	In office 167 learning center Fox	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07548	In break room 129	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M07555	In classroom 162	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete
M07556	In classroom 162	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07557	In classroom 170	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07558	In classroom 170	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27033	In classroom 37	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27034	In classroom 37	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27035	In classroom 38	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27037	In classroom 35	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27038	In classroom 35	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27045	In classroom 30	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27046	In classroom 30	Classroom Combination Drinking Fountain	3.7	Pass	N/A	Testing Complete
M27047	In classroom 31	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27048	In classroom 31	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27051	In classroom 23	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27052	In classroom 23	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27053	In classroom 28	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27054	In classroom 28	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27055	In classroom 19	Classroom Combination Sink	1.4	Pass	N/A	Testing Complete
M27056	In classroom 19	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27057	In classroom 24	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27058	In classroom 24	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

M27059	In classroom 17	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27061	In classroom 22	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27062	In classroom 22	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27064	In classroom 13	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27065	In classroom 18	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27066	In classroom 18	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27067	In classroom 11	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27069	In classroom 16	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27070	In classroom 16	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27075	In classroom 57	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27076	In classroom 57	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27078	In classroom 53	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27079	In classroom 53	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27081	In classroom 51	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27082	In classroom 51	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27084	In classroom 47	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27085	In classroom 47	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27087	In classroom 45	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27088	In classroom 45	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27090	In classroom 41	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete
M27091	In classroom 41	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27092	In work room 8	Classroom Combination Sink	2.1	Pass	N/A	Testing Complete
M27093	In work room 8	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27096	In classroom 159	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27097	In classroom 159	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27098	In classroom 157	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27099	In classroom 157	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27108	In classroom 155	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27109	In classroom 155	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27110	In hallway adjacent to classroom 153	Drinking Fountain	1.5	Pass	N/A	Testing Complete
M27111	In classroom 149	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27112	In classroom 149	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27113	In classroom 160	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

M27114	In classroom 160	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27115	In classroom 145	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete
M27116	In classroom 145	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27121	In classroom 154	Classroom Combination Sink	1.9	Pass	N/A	Testing Complete
M27122	In classroom 154	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M27125	In classroom 139	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27127	In classroom 150	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M27129	In classroom 137	Classroom Combination Sink	<1	Pass	N/A	Testing Complete



Montgomery County Public Schools Lead in Drinking Water Testing 2018

April 30, 2018

Executive Summary:

Galway Elementary School

12612 Galway Drive
Silver Spring, Maryland 20904

Round of Testing:	Initial
# of Outlets Tested:	125
# of Outlets ≥ 20 ppb:	0
Low Value (ppb):	<1.0
High Value (ppb):	13.5

Project Status:

Initial testing complete: All results less than 20 ppb.



April 30, 2018

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

Re: Drinking Water Testing

KCI Job #1214634191

Location: Galway Elementary School

12612 Galway Drive
Silver Spring, Maryland 20904

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 Galway Elementary School, located at 12612 Galway Drive in Silver Spring, Maryland 20904.

SCOPE OF SERVICES

KCI conducted lead in water testing at Galway 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 4/4/2018 and 4/5/2018 to collect samples from 125 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 4/5/2018 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 Galway Elementary School

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05851	129	Hallway	Outside Of	Cooler	<1.0	Pass	Testing Complete
LW05852	129	Hallway	Outside Of	Cooler	<1.0	Pass	Testing Complete
LW05853	143	Classroom		Faucet	1.0	Pass	Testing Complete
LW05854	148	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05855	013	Classroom		Faucet	<1.0	Pass	Testing Complete
M06580	102	Health Room		Faucet	<1.0	Pass	Testing Complete
M06581	102	Health Room		Faucet	1.6	Pass	Testing Complete
M06583	102C	Office Health Room		Faucet	<1.0	Pass	Testing Complete
M06584	100D	Work Room Administration		Faucet	1.4	Pass	Testing Complete
M06586	101	Art		Faucet	<1.0	Pass	Testing Complete
M06587	101	Art		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06588	101	Art		Faucet	<1.0	Pass	Testing Complete
M06589	101	Art		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06590	109	Art		Faucet	<1.0	Pass	Testing Complete
M06591	109	Art		Faucet	<1.0	Pass	Testing Complete
M06592	109	Art		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06593	108	Hallway	Outside Of	Cooler	<1.0	Pass	Testing Complete
M06594	108	Hallway	Outside Of	Cooler	<1.0	Pass	Testing Complete
M06600	115	Hallway	Across From	Cooler	<1.0	Pass	Testing Complete
M06601	115	Hallway	Across From	Cooler	<1.0	Pass	Testing Complete
M06608	123	Music		Faucet	1.2	Pass	Testing Complete
M06609	123	Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06610	136	Classroom		Faucet	<1.0	Pass	Testing Complete
M06611	136	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M06612	132	Classroom		Faucet	1.4	Pass	Testing Complete
M06613	132	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06614	128	Classroom		Faucet	2.4	Pass	Testing Complete
M06615	128	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06616	124	ESOL		Faucet	<1.0	Pass	Testing Complete
M06617	124	ESOL		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06618	122	Day Care		Faucet	<1.0	Pass	Testing Complete
M06619	122	Day Care		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06621	122A	Office Day Care		Faucet	<1.0	Pass	Testing Complete
M06622	174D	Kitchen Cafeteria		Faucet	1.5	Pass	Testing Complete
M06623	174D	Kitchen Cafeteria		Faucet	3.1	Pass	Testing Complete
M06624	174D	Kitchen Cafeteria		Faucet	1.1	Pass	Testing Complete
M06625	174D	Kitchen Cafeteria		Faucet	<1.0	Pass	Testing Complete
M06631	185	Classroom		Faucet	<1.0	Pass	Testing Complete
M06632	185	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06634	181	Classroom		Faucet	2.5	Pass	Testing Complete
M06635	181	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06637	179	Classroom		Faucet	1.5	Pass	Testing Complete
M06638	179	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06640	175	Classroom		Faucet	1.1	Pass	Testing Complete
M06641	175	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06643	173	Classroom		Faucet	<1.0	Pass	Testing Complete
M06644	173	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06645	169	Classroom		Faucet	<1.0	Pass	Testing Complete
M06646	169	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M06651	125	Office		Faucet	2.1	Pass	Testing Complete
M06652	125	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M06653	167	Office	Learning Center Ms. Fox	Faucet	<1.0	Pass	Testing Complete
M06654	167	Office	Learning Center Fox	Bubbler - Indoor	<1.0	Pass	Testing Complete
M07548	129	Break Room		Faucet	<1.0	Pass	Testing Complete
M07555	162	Classroom		Faucet	1.5	Pass	Testing Complete
M07556	162	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07557	170	Classroom		Faucet	<1.0	Pass	Testing Complete
M07558	170	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M27033	037	Classroom		Faucet	1.1	Pass	Testing Complete
M27034	037	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27035	038	Classroom		Faucet	<1.0	Pass	Testing Complete
M27036	038	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27037	035	Classroom		Faucet	1.2	Pass	Testing Complete
M27038	035	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27045	030	Classroom		Faucet	<1.0	Pass	Testing Complete
M27046	030	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27047	031	Classroom		Faucet	<1.0	Pass	Testing Complete
M27048	031	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27051	023	Classroom		Faucet	<1.0	Pass	Testing Complete
M27052	023	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27053	028	Classroom		Faucet	1.1	Pass	Testing Complete
M27054	028	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27055	019	Classroom		Faucet	<1.0	Pass	Testing Complete
M27056	019	Classroom		Bubbler	1.1	Pass	Testing Complete
M27057	024	Classroom		Faucet	<1.0	Pass	Testing Complete
M27058	024	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27059	017	Classroom		Faucet	<1.0	Pass	Testing Complete
M27060	017	Classroom		Bubbler	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M27061	022	Classroom		Faucet	1.6	Pass	Testing Complete
M27062	022	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27064	013	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27065	018	Classroom		Faucet	1.0	Pass	Testing Complete
M27066	018	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27067	011	Classroom		Faucet	<1.0	Pass	Testing Complete
M27068	011	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27069	016	Classroom		Faucet	1.3	Pass	Testing Complete
M27070	016	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27075	057	Classroom		Faucet	<1.0	Pass	Testing Complete
M27076	057	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27078	053	Classroom		Faucet	1.1	Pass	Testing Complete
M27079	053	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27081	051	Classroom		Faucet	1.5	Pass	Testing Complete
M27082	051	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27084	047	Classroom		Faucet	<1.0	Pass	Testing Complete
M27085	047	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27087	045	Classroom		Faucet	<1.0	Pass	Testing Complete
M27088	045	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27090	041	Classroom		Faucet	<1.0	Pass	Testing Complete
M27091	041	Classroom		Bubbler	1.1	Pass	Testing Complete
M27092	008	Work Room		Faucet	13.5	Pass	Testing Complete
M27093	008	Work Room		Bubbler	<1.0	Pass	Testing Complete
M27096	159	Classroom		Faucet	<1.0	Pass	Testing Complete
M27097	159	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27098	157	Classroom		Faucet	<1.0	Pass	Testing Complete
M27099	157	Classroom		Bubbler	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M27108	153	Classroom		Faucet	9.0	Pass	Testing Complete
M27109	153	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27110	153	Hallway	Across From	Cooler	<1.0	Pass	Testing Complete
M27111	149	Classroom		Faucet	<1.0	Pass	Testing Complete
M27112	149	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27113	160	Classroom		Faucet	1.6	Pass	Testing Complete
M27114	160	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27115	145	Classroom		Faucet	<1.0	Pass	Testing Complete
M27116	145	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27117	156	Classroom		Faucet	<1.0	Pass	Testing Complete
M27118	156	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M27120	143	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27121	154	Classroom		Faucet	<1.0	Pass	Testing Complete
M27122	154	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27125	139	Classroom		Faucet	1.1	Pass	Testing Complete
M27126	139	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27127	150	Classroom		Faucet	1.5	Pass	Testing Complete
M27128	150	Classroom		Bubbler	<1.0	Pass	Testing Complete
M27129	137	Classroom		Faucet	<1.0	Pass	Testing Complete
M27132	148	Classroom		Bubbler	<1.0	Pass	Testing Complete

*PPB = parts per billion