

Montgomery County Public Schools Lead in Drinking Water Testing Report

Garrett Park Elementary School
4810 Oxford Street
Kensington, MD 20895

Report Date: July 24th, 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	5/10/23
# of Outlets Tested	56
# of Outlets \geq 5 ppb	2

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 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 Garrett Park ES

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW04808	In hallway C162	Drinking Fountain	<1.0	Pass	Testing Complete
LW04809	In kitchen B124	Kitchen Sink	<1.0	Pass	Testing Complete
LW04810	In kitchen B124	Kitchen Sink	<1.0	Pass	Testing Complete
LW04811	In hallway B137	Drinking Fountain	<1.0	Pass	Testing Complete
LW04812	In classroom C258	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW04813	In hallway C262 across from	Drinking Fountain	<1.0	Pass	Testing Complete
LW04814	In hallway C262	Drinking Fountain	<1.0	Pass	Testing Complete
LW07738	In hallway adjacent to 121	Drinking Fountain	<1.0	Pass	Testing Complete
LW07739	In hallway adjacent to C164	Drinking Fountain	<1.0	Pass	Testing Complete
LW07740	In hallway adjacent to C164	Drinking Fountain	<1.0	Pass	Testing Complete
LW07745	In hallway adjacent to C259	Drinking Fountain	<1.0	Pass	Testing Complete
LW07746	In hallway adjacent to B131	Drinking Fountain	<1.0	Pass	Testing Complete
M50814	In speech therapy A101	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50815	In health room A104	Nurses Office Sink	<1.0	Pass	Testing Complete
M50818	In office A104B by health	Nurses Office Sink	5.8	Fail	Remediation Action Plan
M50821	In hallway near A104 health	Drinking Fountain	<1.0	Pass	Testing Complete
M50822	In hallway near A104 health	Drinking Fountain	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
M50827	In all purpose room B130	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50829	In kitchen B124	Kitchen Sink	<1.0	Pass	Testing Complete
M50830	In kitchen B124	Kitchen Sink	<1.0	Pass	Testing Complete
M50836	In music B147 by music	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50839	In art B141 by art	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50850	In classroom B123	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50853	In classroom B121	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50854	In hallway across from B121	Drinking Fountain	<1.0	Pass	Testing Complete
M50855	In hallway across from B121	Drinking Fountain	<1.0	Pass	Testing Complete
M50865	In classroom C149	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50867	In classroom C151	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50870	In classroom C155	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50873	In classroom C159	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50876	In classroom C163	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
M50879	In classroom C175	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50881	In classroom C171	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50885	In classroom C154	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50887	In classroom C152	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50889	In classroom C148	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50891	In classroom A204	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50892	In hallway next to A204	Drinking Fountain	<1.0	Pass	Testing Complete
M50894	In classroom A208	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50896	In classroom A212	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50902	In hallway near B227	Drinking Fountain	<1.0	Pass	Testing Complete
M50903	In hallway near B227	Drinking Fountain	<1.0	Pass	Testing Complete
M50907	In classroom B237	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50910	In classroom B227	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
M50912	In classroom B223	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50914	In classroom B219	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50916	In classroom C249	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50918	In classroom C253	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50920	In classroom C257	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50924	In classroom C263	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50928	In classroom C271	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50934	In classroom C254	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50936	In classroom C250	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50937	In break room A106	Teachers Lounge Sink	<1.0	Pass	Testing Complete
M50817	Health room 104-A	Nurses Office Sink	15.9	Fail	Remediation Action Plan
M50905	Classroom B-241	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Garrett Park Elementary School
4810 Oxford Street
Kensington, MD 20895**

Report Date: March 24th, 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	2/27/2020
# of Outlets Tested	106
# of Outlets \geq 5 ppb	2

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.

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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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 Garrett Park ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW04805	In classroom C267	Classroom Sink	<1	Pass	N/A	Testing complete
LW04806	In classroom C270	Classroom Sink	<1	Pass	N/A	Testing complete
LW04807	In classroom C266	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW04808	In hallway C162 across from	Drinking Fountain	<1	Pass	N/A	Testing complete
LW04809	In kitchen B124	Kitchen Sink	<1	Pass	N/A	Testing complete
LW04810	In kitchen B124	Kitchen Sink	<1	Pass	N/A	Testing complete
LW04811	In hallway B137 outside of	Drinking Fountain	<1	Pass	N/A	Testing complete
LW04812	In classroom C258	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW04813	In hallway C262 across from	Drinking Fountain	<1	Pass	N/A	Testing complete
LW04814	In hallway C262	Drinking Fountain	<1	Pass	N/A	Testing complete
M50812	In work room A102	Classroom Sink	<1	Pass	N/A	Testing complete
M50813	In speech therapy A101	Classroom Combination Sink	1.5	Pass	N/A	Testing complete
M50814	In speech therapy A101	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50815	In health room A104	Nurses Office Sink	<1	Pass	N/A	Testing complete
M50818	In office A104B by health ie. inside health	Nurses Office Sink	1.3	Pass	N/A	Testing complete
M50821	In hallway near A104 health	Drinking Fountain	<1	Pass	N/A	Testing complete
M50822	In hallway near A104 health	Drinking Fountain	<1	Pass	N/A	Testing complete
M50826	In all purpose room B130 by all purpose room	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50827	In all purpose room B130 by all purpose room	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50829	In kitchen B124	Kitchen Sink	<1	Pass	N/A	Testing complete
M50830	In kitchen B124	Kitchen Sink	<1	Pass	N/A	Testing complete
M50833	In Band B132	Classroom Combination Sink	5.8	Fail	NC	Remediation Action Plan
M50834	In Band B132	Classroom Combination Drinking Fountain	3.7	Pass	N/A	Testing complete
M50835	In music B147 by music	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50836	In music B147 by music	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50839	In art B141 by art	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50846	In ESOL B137	Classroom Combination Sink	<1	Pass	N/A	Testing complete

M50847	In ESOL B137	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50849	In classroom B123	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50850	In classroom B123	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50852	In classroom B121	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50853	In classroom B121	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50854	In hallway across from B121	Drinking Fountain	<1	Pass	N/A	Testing complete
M50855	In hallway across from B121	Drinking Fountain	<1	Pass	N/A	Testing complete
M50864	In classroom C149	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50865	In classroom C149	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50866	In classroom C151	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50867	In classroom C151	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50869	In classroom C155	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50870	In classroom C155	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50872	In classroom C159	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50873	In classroom C159	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50875	In classroom C163	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50876	In classroom C163	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50878	In classroom C175	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50879	In classroom C175	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50880	In classroom C171	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50881	In classroom C171	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50882	In classroom C169	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50883	In classroom C169	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50884	In classroom C154	Classroom Combination Sink	1.1	Pass	N/A	Testing complete
M50885	In classroom C154	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50886	In classroom C152	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50887	In classroom C152	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50888	In classroom C148	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50889	In classroom C148	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50890	In classroom A204	Classroom Combination Sink	<1	Pass	N/A	Testing complete

M50891	In classroom A204	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50892	In hallway next to A204	Drinking Fountain	<1	Pass	N/A	Testing complete
M50893	In classroom A208	Classroom Combination Sink	1.4	Pass	N/A	Testing complete
M50894	In classroom A208	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50895	In classroom A212	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50896	In classroom A212	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50897	In work room B216 by media center ie. inside IMC	Classroom Sink	1.7	Pass	N/A	Testing complete
M50902	In hallway near B227	Drinking Fountain	<1	Pass	N/A	Testing complete
M50903	In hallway near B227	Drinking Fountain	<1	Pass	N/A	Testing complete
M50904	In classroom B241	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50906	In classroom B237	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50907	In classroom B237	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50909	In classroom B227	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50910	In classroom B227	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50911	In classroom B223	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50912	In classroom B223	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50913	In classroom B219	Classroom Combination Sink	2.1	Pass	N/A	Testing complete
M50914	In classroom B219	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50915	In classroom C249	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50916	In classroom C249	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50917	In classroom C253	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50918	In classroom C253	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50919	In classroom C257	Classroom Combination Sink	1.1	Pass	N/A	Testing complete
M50920	In classroom C257	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50921	In classroom C261	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50922	In classroom C261	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50923	In classroom C263	Classroom Combination Sink	8.5	Fail	NC	Remediation Action Plan
M50924	In classroom C263	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50925	In classroom C275	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50926	In classroom C275	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete

M50927	In classroom C271	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50928	In classroom C271	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50929	In classroom C269	Classroom Combination Sink	2.7	Pass	N/A	Testing complete
M50930	In classroom C269	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50931	In classroom C258	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50933	In classroom C254	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50934	In classroom C254	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50935	In classroom C250	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50936	In classroom C250	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50937	In break room A106	Teachers Lounge Sink	1.1	Pass	N/A	Testing complete
LW07737	In Classroom B143	Classroom Sink	<1	Pass	N/A	Testing complete
LW07746	In hallway adjacent to B131	Drinking Fountain	<1	Pass	N/A	Testing complete
LW07738	In hallway adjacent to 121	Drinking Fountain	<1	Pass	N/A	Testing complete
LW07739	In hallway adjacent to C164	Drinking Fountain	<1	Pass	N/A	Testing complete
LW07740	In hallway adjacent to C164	Drinking Fountain	<1	Pass	N/A	Testing complete
LW07741	In Classroom C166	Classroom Sink	<1	Pass	N/A	Testing complete
LW07742	In Classroom C167	Classroom Sink	<1	Pass	N/A	Testing complete
LW07743	In Classroom C170	Classroom Sink	<1	Pass	N/A	Testing complete
LW07745	In hallway adjacent to C259	Drinking Fountain	<1	Pass	N/A	Testing complete

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



Montgomery County Public Schools Lead in Drinking Water Testing 2018

Executive Summary:

Garrett Park Elementary School

2810 Oxford Street

Garrett Park, Maryland 20896

Date of Test Report:	4/5/2018
Round of Testing:	Initial
# of Outlets Tested:	100
# of Outlets \geq 20 ppb:	0
Low Value (ppb):	<1.0
High Value (ppb):	7.9

Project Status:

Initial testing complete: All results less than 20 ppb.



4/5/2018

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

Re: Drinking Water Testing

KCI Job #1214634189

Location: Garrett Park Elementary School

2810 Oxford Street
Garrett Park, Maryland 20896

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 Garrett Park Elementary School, located at 2810 Oxford Street in Garrett Park, Maryland 20896.

SCOPE OF SERVICES

KCI conducted lead in water testing at Garrett Park 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 3/5/2018 and 3/6/2018 to collect samples from 100 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 3/6/2018 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 Garrett Park Elementary School

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW04805	C267	Classroom		Faucet	<1.0	Pass	Testing Complete
LW04806	C270	Classroom		Faucet	<1.0	Pass	Testing Complete
LW04807	C266	Classroom		Faucet	<1.0	Pass	Testing Complete
LW04808	C162	Hallway	Across From	Cooler	<1.0	Pass	Testing Complete
LW04809	B124	Kitchen		Faucet	1.0	Pass	Testing Complete
LW04810	B124	Kitchen		Faucet	<1.0	Pass	Testing Complete
LW04811	B137	Hallway	Outside Of	Cooler	<1.0	Pass	Testing Complete
LW04812	C258	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW04813	C262	Hallway	Across From	Cooler	<1.0	Pass	Testing Complete
LW04814	C262	Hallway		Cooler	<1.0	Pass	Testing Complete
M50812	A102	Work Room		Faucet	<1.0	Pass	Testing Complete
M50813	A101	Speech Therapy		Faucet	3.3	Pass	Testing Complete
M50814	A101	Speech Therapy		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50815	A104	Health Room		Faucet	<1.0	Pass	Testing Complete
M50817	A104A	Office Health	inside Health	Faucet	7.9	Pass	Testing Complete
M50818	A104B	Office Health	inside Health	Faucet	1.2	Pass	Testing Complete
M50821		Hallway	Near A104 Health	Cooler	<1.0	Pass	Testing Complete
M50822		Hallway	Near A104 Health	Cooler	<1.0	Pass	Testing Complete
M50826	B130	All Purpose Room		Faucet	<1.0	Pass	Testing Complete
M50827	B130	All Purpose Room		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50829	B124	Kitchen		Faucet	<1.0	Pass	Testing Complete
M50830	B124	Kitchen		Faucet	<1.0	Pass	Testing Complete
M50833	B132	Band		Faucet	1.2	Pass	Testing Complete
M50834	B132	Band		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M50835	B147	Music		Faucet	<1.0	Pass	Testing Complete
M50836	B147	Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50838	B141	Art		Faucet	<1.0	Pass	Testing Complete
M50839	B141	Art		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50846	B137	ESOL		Faucet	1.8	Pass	Testing Complete
M50847	B137	ESOL		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50849	B123	Classroom		Faucet	<1.0	Pass	Testing Complete
M50850	B123	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50852	B121	Classroom		Faucet	<1.0	Pass	Testing Complete
M50853	B121	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50854		Hallway	Across from B121	Cooler	<1.0	Pass	Testing Complete
M50855		Hallway	Across from B121	Cooler	<1.0	Pass	Testing Complete
M50864	C149	Classroom		Faucet	<1.0	Pass	Testing Complete
M50865	C149	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50866	C151	Classroom		Faucet	<1.0	Pass	Testing Complete
M50867	C151	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50869	C155	Classroom		Faucet	<1.0	Pass	Testing Complete
M50870	C155	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50872	C159	Classroom		Faucet	<1.0	Pass	Testing Complete
M50873	C159	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50875	C163	Classroom		Faucet	1.8	Pass	Testing Complete
M50876	C163	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50878	C175	Classroom		Faucet	<1.0	Pass	Testing Complete
M50879	C175	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50880	C171	Classroom		Faucet	1.4	Pass	Testing Complete
M50881	C171	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50882	C169	Classroom		Faucet	1.9	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M50883	C169	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50884	C154	Classroom		Faucet	<1.0	Pass	Testing Complete
M50885	C154	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50886	C152	Classroom		Faucet	1.2	Pass	Testing Complete
M50887	C152	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50888	C148	Classroom		Faucet	<1.0	Pass	Testing Complete
M50889	C148	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50890	A204	Classroom		Faucet	<1.0	Pass	Testing Complete
M50891	A204	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50892		Hallway	Next to A204	Cooler	<1.0	Pass	Testing Complete
M50893	A208	Classroom		Faucet	<1.0	Pass	Testing Complete
M50894	A208	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50895	A212	Classroom		Faucet	<1.0	Pass	Testing Complete
M50896	A212	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50897	B216	Work Room Media Center	inside IMC	Faucet	1.8	Pass	Testing Complete
M50902		Hallway	Near B227	Cooler	<1.0	Pass	Testing Complete
M50903		Hallway	Near B227	Cooler	<1.0	Pass	Testing Complete
M50904	B241	Classroom		Faucet	<1.0	Pass	Testing Complete
M50905	B241	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50906	B237	Classroom		Faucet	<1.0	Pass	Testing Complete
M50907	B237	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50909	B227	Classroom		Faucet	<1.0	Pass	Testing Complete
M50910	B227	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50911	B223	Classroom		Faucet	1.1	Pass	Testing Complete
M50912	B223	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50913	B219	Classroom		Faucet	1.1	Pass	Testing Complete
M50914	B219	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M50915	C249	Classroom		Faucet	1.2	Pass	Testing Complete
M50916	C249	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50917	C253	Classroom		Faucet	1.7	Pass	Testing Complete
M50918	C253	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50919	C257	Classroom		Faucet	1.1	Pass	Testing Complete
M50920	C257	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50921	C261	Classroom		Faucet	<1.0	Pass	Testing Complete
M50922	C261	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50923	C263	Classroom		Faucet	2.9	Pass	Testing Complete
M50924	C263	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50925	C275	Classroom		Faucet	<1.0	Pass	Testing Complete
M50926	C275	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50927	C271	Classroom		Faucet	<1.0	Pass	Testing Complete
M50928	C271	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50929	C269	Classroom		Faucet	<1.0	Pass	Testing Complete
M50930	C269	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50931	C258	Classroom		Faucet	<1.0	Pass	Testing Complete
M50933	C254	Classroom		Faucet	1.1	Pass	Testing Complete
M50934	C254	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50935	C250	Classroom		Faucet	<1.0	Pass	Testing Complete
M50936	C250	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50937	A106	Break Room		Faucet	<1.0	Pass	Testing Complete

*PPB = parts per billion