

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Waters Landing Elementary School
13100 Waters Landing Dr.
Germantown, MD 20874**

Report Date: December 19, 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 KCI Technologies Inc. is presented in the table below.

Sampling Date	11/07/2024
# of Outlets Tested	55
# of Outlets \geq 5 ppb	3

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 Waters Landing ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW05920	In Health Room (100B)	Faucet, Cold	3.4	Pass	Testing Complete
LW05921	In Room 100A	Faucet, Cold	6.9	Fail	Remediation Action Plan
LW05922	In Hallway Adjacent to Multi-Purpose Room	Bottle Filler/Drinking Fountain Combo Unit - Cooler/Chiller (Refrigerated)	<1.0	Pass	Testing Complete
LW05923	In Classroom 147	Faucet, Cold	<1.0	Pass	Testing Complete
LW05924	In Hallway Adjacent to Room 137	Bubbler	<1.0	Pass	Testing Complete
LW05926	In Classroom 113	Combination Sink - Fountain - Bubbler	2.0	Pass	Testing Complete
LW05928	In Classroom 213	Combination Sink - Fountain - Bubbler	3.4	Pass	Testing Complete
LW05932	In Classroom 203	Combination Sink - Fountain - Bubbler	2.1	Pass	Testing Complete
LW05934	In Classroom 201	Combination Sink - Fountain - Bubbler	1.3	Pass	Testing Complete
LW05936	In Classroom 206	Combination Sink - Fountain - Bubbler	<1.0	Pass	Testing Complete
LW05937	In Classroom 208	Faucet, Cold	4.1	Pass	Testing Complete
LW10600	In Hallway Adjacent to Room 152	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW11284	In Hallway Adjacent to Multi-Purpose Room	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
M25269	In Classroom 100H	Faucet, Cold	2.9	Pass	Testing Complete
M25271	In Classroom 166	Combination Sink - Fountain - Bubbler	1.9	Pass	Testing Complete
M25274	In Classroom 166	Combination Sink - Fountain - Bubbler	2.2	Pass	Testing Complete
M25284	In Kidsco Storage Room	Faucet, Cold	1.4	Pass	Testing Complete
M25287	In Kitchen (159)	Faucet, Cold	<1.0	Pass	Testing Complete
M25288	In Kitchen (159)	Commercial Kitchen Kettle, Cold	<1.0	Pass	Testing Complete
M25289	In Kitchen (159)	Commercial Kitchen Kettle, Cold	1.9	Pass	Testing Complete
M25290	In Kitchen (159)	Commercial Kitchen Kettle, Cold	3.3	Pass	Testing Complete
M25295	In Hallway Adjacent to Room 152	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
M25296	In Classroom 149	Faucet, Cold	1.6	Pass	Testing Complete
M25301	In Classroom 145	Combination Sink - Fountain - Bubbler	1.3	Pass	Testing Complete
M25305	In Classroom 141	Combination Sink - Fountain - Bubbler	4.9	Pass	Testing Complete
M25307	In Classroom 139	Combination Sink - Fountain - Bubbler	5.3	Fail	Remediation Action Plan
M25317	In Classroom 243	Combination Sink - Fountain - Bubbler	2.8	Pass	Testing Complete
M25319	In Classroom 241	Combination Sink - Fountain - Bubbler	4.4	Pass	Testing Complete
M25321	In Classroom 239	Combination Sink - Fountain - Bubbler	2.5	Pass	Testing Complete
M25324	In Hallway Outside Room 237	Bubbler	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M25329	In Classroom 211	Combination Sink - Fountain - bubbler	2.9	Pass	Testing Complete
M25341	In Classroom 205	Combination Sink - Fountain - bubbler	3.2	Pass	Testing Complete
M25347	In Classroom 201	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M25349	In Classroom 204	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M25365	In Classroom 109	Combination Sink - Fountain - bubbler	2.8	Pass	Testing Complete
M25367	In Classroom 111	Combination Sink - Fountain - bubbler	8.8	Fail	Remediation Action Plan
M25371	In Classroom 115	Combination Sink - Fountain - bubbler	2.3	Pass	Testing Complete
M25379	In Classroom 103	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M25380	In Classroom 106	Faucet, Cold	4.6	Pass	Testing Complete
M25382	In Classroom 101	Combination Sink - Fountain - bubbler	2.2	Pass	Testing Complete
M32383	In Classroom 219	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32386	In Classroom 225	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32401	In Classroom 229	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32405	In Classroom 235	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32407	In Classroom 119	Combination Sink - Fountain - bubbler	1.1	Pass	Testing Complete
M32411	In Classroom 125	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32418	In Hallway Between Rooms 131 & 125	Bubbler	<1.0	Pass	Testing Complete
M32419	In Hallway Between Rooms 131 & 125	Bubbler	<1.0	Pass	Testing Complete
M32427	In Classroom 131	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32429	In Classroom 135	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32431	In Classroom 170	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32435	In Classroom 173	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32438	In Classroom 169	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32441	In Classroom 174	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete
M32444	In Classroom 176	Combination Sink - Fountain - bubbler	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Waters Landing Elementary School
13100 Waters Landing Drive
Germantown, MD 20874**

Report Date: February 20th, 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	11/23/2021
# of Outlets Tested	94
# of Outlets \geq 5 ppb	15

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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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 Waters Landing Elementary School

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW05920	In health room 100B	Nurses Office Sink	<1.0	Pass	N/A	Testing Complete
LW05922	In hallway adjacent to multi purpose room	Drinking Fountain	<1.0	Pass	N/A	Testing Complete
LW05923	In break room 147	Teacher's Lounge Sink	1.1	Pass	N/A	Testing Complete
LW05924	In hallway adjacent to room 137	Drinking Fountain	<1.0	Pass	N/A	Testing Complete
LW05925	In classroom 113	Classroom Combination Drinking Fountain	7.8	Fail	7.3	Testing Complete
LW05926	In classroom 113	Classroom Combination Drinking Fountain	3.1	Pass	N/A	Testing Complete
LW05927	In classroom 213	Classroom Combination Sink	5.2	Fail	5.5	Testing Complete
LW05928	In classroom 213	Classroom Combination Drinking Fountain	5.8	Fail	86.2	Testing Complete
LW05929	In classroom 209	Classroom Combination Sink	5.9	Fail	3.1	Testing Complete
LW05930	In classroom 209	Classroom Combination Drinking Fountain	4.4	Pass	N/A	Testing Complete
LW05931	In classroom 203	Classroom Combination Sink	5.1	Fail	5.7	Testing Complete
LW05932	In classroom 203	Classroom Combination Drinking Fountain	5.6	Fail	34.5	Testing Complete
LW05933	In classroom 201	Classroom Combination Sink	2.3	Pass	N/A	Testing Complete
LW05934	In classroom 201	Classroom Combination Drinking Fountain	2.6	Pass	N/A	Testing Complete
LW05935	In classroom 206	Classroom Combination Sink	3.5	Pass	N/A	Testing Complete
LW05936	In classroom 206	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
LW05937	In break room 208	Teachers Lounge Sink	2.1	Pass	N/A	Testing Complete
Lw10600	In hallway adjacent to room 152	Bottle Filler	<1.0	Pass	N/A	Testing Complete
LW11284	In hallway adjacent to multi purpose room	Bottle Filler	<1.0	Pass	N/A	Testing Complete
M25267	In kitchen 159	Kitchen Sink	<1.0	Pass	N/A	Testing Complete
M25269	In assistant principal 100H adjacent to administration	Teacher's Lounge Sink	3.4	Pass	N/A	Testing Complete
M25270	In classroom 166	Classroom Sink	1.1	Pass	N/A	Testing Complete
M25271	In classroom 166	Bubbler - Indoor	2.7	Pass	N/A	Testing Complete
M25273	In classroom 167	Classroom Combination Sink	1.6	Pass	N/A	Testing Complete
M25274	In classroom 167	Classroom Combination Drinking Fountain	3.3	Pass	N/A	Testing Complete
M25284	In break room adjacent to all purpose room	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete
M25288	In kitchen 159	Kitchen Sink	4.5	Pass	N/A	Testing Complete
M25289	In kitchen 159	Kitchen Sink	<1.0	Pass	N/A	Testing Complete
M25290	In kitchen 159	Kitchen Sink	<1.0	Pass	N/A	Testing Complete
M25295	In hallway adjacent to room 152	Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M25296	In music room 149	Classroom Sink	3.5	Pass	N/A	Testing Complete

M25300	In classroom 145	Classroom Combination Sink	1.5	Pass	N/A	Testing Complete
M25302	In classroom 143	Classroom Combination Sink	3.3	Pass	N/A	Testing Complete
M25303	In classroom 143	Classroom Combination Drinking Fountain	3.5	Pass	N/A	Testing Complete
M25304	In classroom 141	Classroom Combination Sink	2.9	Pass	N/A	Testing Complete
M25305	In classroom 141	Classroom Combination Drinking Fountain	6.1	Fail	7.8	Testing Complete
M25308	In classroom 137	Classroom Combination Sink	2.1	Pass	N/A	Testing Complete
M25314	In classroom 245	Classroom Combination Sink	3.0	Pass	N/A	Testing Complete
M25315	In classroom 245	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M25316	In classroom 243	Classroom Combination Sink	7.9	Fail	8.9	Testing Complete
M25317	In classroom 243	Classroom Combination Drinking Fountain	11.5	Fail	11.7	Testing Complete
M25318	In classroom 241	Classroom Combination Sink	3.1	Pass	N/A	Testing Complete
M25320	In classroom 239	Classroom Combination Sink	1.7	Pass	N/A	Testing Complete
M25321	In classroom 239	Classroom Combination Drinking Fountain	8.1	Fail	177	Testing Complete
M25322	In classroom 237	Classroom Combination Sink	3.5	Pass	N/A	Testing Complete
M25324	In hallway adjacent to room 237	Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M25328	In classroom 211	Classroom Combination Sink	2.4	Pass	N/A	Testing Complete
M25329	In classroom 211	Classroom Combination Drinking Fountain	3.4	Pass	N/A	Testing Complete
M25332	In classroom 215	Classroom Combination Sink	1.7	Pass	N/A	Testing Complete
M25333	In classroom 215	Classroom Combination Drinking Fountain	2.8	Pass	N/A	Testing Complete
M25338	In classroom 207	Classroom Combination Sink	5.7	Fail	10.4	Testing Complete
M25339	In classroom 207	Classroom Combination Drinking Fountain	2.5	Pass	N/A	Testing Complete
M25340	In classroom 205	Classroom Combination Sink	2.9	Pass	N/A	Testing Complete
M25341	In classroom 205	Classroom Combination Drinking Fountain	4.4	Pass	N/A	Testing Complete
M25346	In classroom 202	Classroom Combination Sink	1.3	Pass	N/A	Testing Complete
M25347	In classroom 202	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M25348	In classroom 204	Classroom Combination Sink	3.2	Pass	N/A	Testing Complete
M25349	In classroom 204	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M25364	In classroom 109	Classroom Combination Sink	1.3	Pass	N/A	Testing Complete
M25365	In classroom 109	Classroom Combination Drinking Fountain	3.0	Pass	N/A	Testing Complete
M25366	In classroom 111	Classroom Combination Drinking Fountain	4.4	Pass	N/A	Testing Complete
M25370	In classroom 115	Classroom Combination Drinking Fountain	2.4	Pass	N/A	Testing Complete
M25373	In classroom 107	Classroom Combination Sink	7.6	Fail	8.6	Testing Complete
M25380	In media center office 106	Teacher's Lounge Sink	7.4	Fail	6.3	Testing Complete
M25381	In music 101	Classroom Combination Sink	5.0	Fail	6.5	Testing Complete

M32382	In classroom 219	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32384	In classroom 223	Classroom Sink	<1.0	Pass	N/A	Testing Complete
M32385	In classroom 225	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32386	In classroom 225	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32400	In classroom 229	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32401	In classroom 229	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32402	In classroom 231	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32404	In classroom 235	Classroom Sink	<1.0	Pass	N/A	Testing Complete
M32405	In classroom 235	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32406	In classroom 119	Classroom Combination Drinking Fountain	1.5	Pass	N/A	Testing Complete
M32408	In classroom 121	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32410	In classroom 125	Classroom Combination Drinking Fountain	1.6	Pass	N/A	Testing Complete
M32411	In classroom 125	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32418	In hallway adjacent to room 129A	Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32419	In hallway adjacent to room 129A	Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32426	In classroom 131	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32427	In classroom 131	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32428	In classroom 135	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32429	In classroom 135	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32430	In classroom 170	Classroom Combination Sink	18.7	Fail	1.1	Testing Complete
M32431	In classroom 170	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32434	In classroom 173	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32435	In classroom 173	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32437	In classroom 169	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32438	In classroom 169	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32440	In classroom 174	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32441	In classroom 174	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete
M32443	In classroom 176	Classroom Combination Sink	<1.0	Pass	N/A	Testing Complete
M32444	In classroom 176	Classroom Combination Drinking Fountain	<1.0	Pass	N/A	Testing Complete



Montgomery County Public Schools Lead in Drinking Water Testing 2018

May 15, 2018

Executive Summary:

Waters Landing Elementary School

13100 Waters Landing Drive
Germantown, Maryland 20874

Round of Testing:	Initial
# of Outlets Tested:	99
# of Outlets ≥ 20 ppb:	0
Low Value (ppb):	<1.0
High Value (ppb):	7.6

Project Status:

Testing Complete: All results less than 20 ppb.



May 15, 2018

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

Re: Drinking Water Testing

KCI Job #1214634193

Location: Waters Landing Elementary School

13100 Waters Landing Drive
Germantown, Maryland 20874

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 Waters Landing Elementary School, located at 13100 Waters Landing Drive in Germantown, Maryland 20874.

SCOPE OF SERVICES

KCI conducted lead in water testing at Waters Landing 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 4/17/2018 and 4/18/2018 to collect samples from 99 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 4/18/2018 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 Waters Landing Elementary School

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05920	100B	Health Room		Faucet	2.1	Pass	Testing Complete
LW05921	100A	Work Room		Faucet	6.1	Pass	Testing Complete
LW05922		Hallway All Purpose Room	Outside Of	Cooler	<1.0	Pass	Testing Complete
LW05923	147	Break Room		Faucet	1.2	Pass	Testing Complete
LW05924	137	Hallway	Across From	Cooler	<1.0	Pass	Testing Complete
LW05925	113	Classroom		Faucet	2.9	Pass	Testing Complete
LW05926	113	Classroom		Bubbler - Indoor	2.8	Pass	Testing Complete
LW05927	213	Classroom		Faucet	2.0	Pass	Testing Complete
LW05928	213	Classroom		Bubbler - Indoor	2.3	Pass	Testing Complete
LW05929	209	Classroom		Faucet	2.2	Pass	Testing Complete
LW05930	209	Classroom		Bubbler - Indoor	1.8	Pass	Testing Complete
LW05931	203	Classroom		Faucet	3.9	Pass	Testing Complete
LW05932	203	Classroom		Bubbler - Indoor	4.3	Pass	Testing Complete
LW05933	201	Classroom		Faucet	1.4	Pass	Testing Complete
LW05934	201	Classroom		Bubbler - Indoor	2.1	Pass	Testing Complete
LW05935	206	Classroom		Faucet	1.1	Pass	Testing Complete
LW05937	208	Break Room		Faucet	2.4	Pass	Testing Complete
M25267	159	Kitchen All Purpose Room		Faucet	<1.0	Pass	Testing Complete
M25269	100H	Assistant Principal Administration		Faucet	2.7	Pass	Testing Complete
M25270	166	Classroom		Faucet	1.7	Pass	Testing Complete
M25271	166	Classroom		Bubbler - Indoor	2.0	Pass	Testing Complete
M25273	167	Classroom		Faucet	1.5	Pass	Testing Complete
M25274	167	Classroom		Bubbler - Indoor	3.0	Pass	Testing Complete
M25284		Break Room All Purpose Room		Faucet	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M25288	159	Kitchen		Faucet	1.3	Pass	Testing Complete
M25289	159	Kitchen All Purpose Room		Faucet	1.5	Pass	Testing Complete
M25290	159	Kitchen All Purpose Room		Faucet	3.1	Pass	Testing Complete
M25300	145	Classroom		Faucet	1.5	Pass	Testing Complete
M25301	145	Classroom		Bubbler - Indoor	1.1	Pass	Testing Complete
M25302	143	Classroom		Faucet	2.4	Pass	Testing Complete
M25303	143	Classroom		Bubbler - Indoor	1.0	Pass	Testing Complete
M25304	141	Classroom		Faucet	1.9	Pass	Testing Complete
M25305	141	Classroom		Bubbler - Indoor	3.0	Pass	Testing Complete
M25306	139	Classroom		Faucet	7.6	Pass	Testing Complete
M25307	139	Classroom		Bubbler - Indoor	1.1	Pass	Testing Complete
M25308	137	Classroom		Faucet	3.8	Pass	Testing Complete
M25309	137	Classroom		Bubbler - Indoor	3.6	Pass	Testing Complete
M25314	245	Classroom		Faucet	3.1	Pass	Testing Complete
M25316	243	Classroom		Faucet	4.6	Pass	Testing Complete
M25317	243	Classroom		Bubbler - Indoor	3.9	Pass	Testing Complete
M25318	241	Classroom		Faucet	3.0	Pass	Testing Complete
M25319	241	Classroom		Bubbler - Indoor	2.9	Pass	Testing Complete
M25320	239	Classroom		Faucet	4.9	Pass	Testing Complete
M25321	239	Classroom		Bubbler - Indoor	2.6	Pass	Testing Complete
M25322	237	Classroom		Faucet	2.7	Pass	Testing Complete
M25323	237	Classroom		Bubbler - Indoor	1.5	Pass	Testing Complete
M25324	237	Hallway	Across From	Cooler	<1.0	Pass	Testing Complete
M25328	211	Classroom		Faucet	1.7	Pass	Testing Complete
M25329	211	Classroom		Bubbler - Indoor	2.1	Pass	Testing Complete
M25332	215	Classroom		Faucet	2.8	Pass	Testing Complete
M25333	215	Classroom		Bubbler - Indoor	2.6	Pass	Testing Complete
M25338	207	Classroom		Faucet	1.7	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M25339	207	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M25340	205	Classroom		Faucet	1.8	Pass	Testing Complete
M25341	1205	Classroom		Bubbler - Indoor	2.4	Pass	Testing Complete
M25346	202	Classroom		Faucet	1.6	Pass	Testing Complete
M25347	202	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M25348	204	Classroom		Faucet	2.1	Pass	Testing Complete
M25349	204	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M25364	109	Classroom		Faucet	2.3	Pass	Testing Complete
M25365	109	Classroom		Bubbler - Indoor	2.1	Pass	Testing Complete
M25366	111	Classroom		Faucet	3.9	Pass	Testing Complete
M25367	111	Classroom		Bubbler - Indoor	6.1	Pass	Testing Complete
M25370	115	Classroom		Faucet	2.9	Pass	Testing Complete
M25371	115	Classroom		Bubbler - Indoor	6.8	Pass	Testing Complete
M25373	107	Classroom		Faucet	2.3	Pass	Testing Complete
M25380	106	Media Center Office		Faucet	4.4	Pass	Testing Complete
M25381	101	Music		Faucet	4.9	Pass	Testing Complete
M32382	219	Classroom		Faucet	<1.0	Pass	Testing Complete
M32383	219	Classroom		Bubbler - Indoor	1.2	Pass	Testing Complete
M32385	225	Classroom		Faucet	<1.0	Pass	Testing Complete
M32386	225	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32400	229	Classroom		Faucet	<1.0	Pass	Testing Complete
M32401	229	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32402	231	Classroom		Faucet	<1.0	Pass	Testing Complete
M32403	231	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32404	235	Classroom		Faucet	<1.0	Pass	Testing Complete
M32405	235	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32406	119	Classroom		Faucet	1.7	Pass	Testing Complete
M32407	119	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M32408	121	Classroom		Faucet	1.1	Pass	Testing Complete
M32410	125	Classroom		Faucet	<1.0	Pass	Testing Complete
M32411	125	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32418	131	Hallway	Next To	Cooler	<1.0	Pass	Testing Complete
M32419	131	Hallway	Next To	Cooler	<1.0	Pass	Testing Complete
M32426	131	Classroom		Faucet	<1.0	Pass	Testing Complete
M32427	131	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32428	135	Classroom		Faucet	<1.0	Pass	Testing Complete
M32429	135	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32430	170	Classroom		Faucet	<1.0	Pass	Testing Complete
M32431	170	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32434	173	Classroom		Faucet	<1.0	Pass	Testing Complete
M32435	173	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32437	169	Classroom		Faucet	1.3	Pass	Testing Complete
M32438	169	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32440	174	Classroom		Faucet	<1.0	Pass	Testing Complete
M32441	174	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32443	176	Classroom		Faucet	<1.0	Pass	Testing Complete
M32444	176	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

*PPB = parts per billion