

# Montgomery County Public Schools Lead in Drinking Water Testing Report

Clearspring Elementary School  
9930 Moyer Rd.  
Damascus, MD 20872

Report Date: May 16<sup>th</sup>, 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	3/14/2024
# of Outlets Tested	25
# 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](mailto:brian_a_mullikin@mcpsmd.org).
2. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at [www.epa.gov/lead](http://www.epa.gov/lead).
3. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.

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

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

**ATTACHMENT A**

**Lead in Water Sample Results Table**

## Sampling Results for Clearspring ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW05738	In classroom 11	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW05750	In classroom 17	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW05753	In hallway outside of gym	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05755	In classroom 27	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW05757	In classroom 26	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW05761	In office Z, next to room C	Drinking Water fountain - Bubblers Style	16.4	Fail	Remediation Action Plan
LW05766	In hallway across from CR 23	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05774	In classroom 19	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW05776	In classroom 18	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW06036	In kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
LW06037	In hallway across from café	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete

<b>Outlet Barcode</b>	<b>Outlet Location</b>	<b>Outlet Type</b>	<b>Initial Results (ppb)</b>	<b>Pass/Fail</b>	<b>Status</b>
LW06042	In classroom K1 by kindergarten	Drinking Water fountain - Bubblers Style	1.4	Pass	Testing Complete
LW06048	In classroom K3 by kindergarten	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW06050	In classroom K4 by kindergarten	Drinking Water fountain - Bubblers Style	2.5	Pass	Testing Complete
LW06051	In hallway next to CR 5	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW06053	In classroom 1	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW06068	In hallway across from CR 13	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW0640	In classroom 107 Music	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW10608	In health office	Faucet, Cold	<1.0	Pass	Testing Complete
LW10609	In health office	Drinking Water fountain - Bubblers Style	<1.0	Pass	Testing Complete
LW10614	In hallway adjacent to gym	Bottle Refill Dispenser/Water Refill Station	<1.0	Pass	Testing Complete
LW10917	In hall adjacent to cafeteria	Bottle Refill Dispenser/Water Refill Station	<1.0	Pass	Testing Complete
M44730	In kitchen	Faucet, Cold	1.8	Pass	Testing Complete

<b>Outlet Barcode</b>	<b>Outlet Location</b>	<b>Outlet Type</b>	<b>Initial Results (ppb)</b>	<b>Pass/Fail</b>	<b>Status</b>
M44731	In kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
M44732	In kitchen	Faucet, Cold	<1.0	Pass	Testing Complete

# Montgomery County Public Schools Lead in Drinking Water Testing Report

Clearspring Elementary School  
9930 Moyer Road  
Damascus, MD 20872

Report Date: February 18<sup>th</sup>, 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	10/26/2021
# of Outlets Tested	62
# of Outlets $\geq$ 5 ppb	7

## 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.

### **TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:**

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

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

### **ADDITIONAL INFORMATION**

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

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

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



**ATTACHMENT A**

**Lead in Water Sample Results Table**

## Sampling Results for Clearspring ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW10610	In Art room adjacent to K3	Classroom Sink	<1	Pass	N/A	Testing Complete
LW10611	In Art room adjacent to K3	Classroom Sink	<1	Pass	N/A	Testing Complete
LW06038	In break room	Classroom Sink	<1	Pass	N/A	Testing Complete
LW10612	In classroom 1	Classroom Combination Sink	14.3	Fail	15.1	Testing Complete
LW06073	In classroom 10	Classroom Combination Sink	2.1	Pass	N/A	Testing Complete
LW10918	In classroom 107A	Classroom Sink	2.8	Pass	N/A	Testing Complete
LW05738	In classroom 11	Classroom Combination Drinking Fountain	5.6	Fail	5.3	Testing Complete
LW06075	In classroom 11	Classroom Combination Sink	1.8	Pass	N/A	Testing Complete
LW05739	In classroom 12	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05741	In classroom 13	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05743	In classroom 14	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05745	In classroom 15	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05747	In classroom 16	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05749	In classroom 17	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05750	In classroom 17	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05775	In classroom 18	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05776	In classroom 18	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05773	In classroom 19	Classroom Combination Sink	1.3	Pass	N/A	Testing Complete
LW05774	In classroom 19	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW06054	In classroom 2	Classroom Combination Sink	4.1	Pass	N/A	Testing Complete
LW05771	In classroom 20	Classroom Combination Sink	7.3	Fail	6.2	Testing Complete
LW05769	In classroom 21	Classroom Combination Sink	7.2	Fail	5.6	Testing Complete
LW05767	In classroom 22	Classroom Combination Sink	3.8	Pass	N/A	Testing Complete
LW05764	In classroom 23 by ESOL	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05762	In classroom 24	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05758	In classroom 25	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW05756	In classroom 26	Classroom Combination Sink	1.3	Pass	N/A	Testing Complete
LW05754	In classroom 27	Classroom Combination Sink	1.1	Pass	N/A	Testing Complete
LW05755	In classroom 27	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW06059	In classroom 4	Classroom Combination Sink	2.9	Pass	N/A	Testing Complete

LW10613	In classroom 4	Classroom Combination Sink	14.9	Fail	23.1	Testing Complete
LW06060	In classroom 5	Classroom Combination Sink	1.8	Pass	N/A	Testing Complete
LW06064	In classroom 6	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW06066	In classroom 7	Classroom Combination Sink	4.5	Pass	N/A	Testing Complete
LW06069	In classroom 8	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW06071	In classroom 9	Classroom Combination Sink	1.5	Pass	N/A	Testing Complete
LW06041	In classroom K1 by kindergarten	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
LW06042	In classroom K1 by kindergarten	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW06043	In classroom K2 by kindergarten	Teacher's Lounge Sink	1.3	Pass	N/A	Testing Complete
LW06047	In classroom K3 by kindergarten	Classroom Combination Sink	1.8	Pass	N/A	Testing Complete
LW06048	In classroom K3 by kindergarten	Classroom Combination Drinking Fountain	1.8	Pass	N/A	Testing Complete
LW06049	In classroom K4 by kindergarten	Classroom Combination Sink	2.5	Pass	N/A	Testing Complete
LW06050	In classroom K4 by kindergarten	Classroom Combination Drinking Fountain	9.9	Fail	6.8	Testing Complete
LW05751	In classroom R1R2 by Preschool	Classroom Combination Sink	1.5	Pass	N/A	Testing Complete
LW10917	In hall adjacent to cafeteria	Bottle Filler	<1	Pass	N/A	Testing Complete
LW06037	In hallway across from café	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW06068	In hallway across from CR 13	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05766	In hallway across from CR 23	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW10614	In hallway adjacent to gym	Bottle Filler	<1	Pass	N/A	Testing Complete
LW06051	In hallway next to CR 5	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05753	In hallway outside of gym	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW10608	In health office	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW10609	In health office	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
LW06039	In health room by administration	Classroom Sink	1.7	Pass	N/A	Testing Complete
LW06036	In kitchen	Kitchen Sink	1.5	Pass	N/A	Testing Complete
M44732	In kitchen by kitchen	Kitchen Sink	2.5	Pass	N/A	Testing Complete
M44730	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
M44731	In kitchen by kitchen	Kitchen Sink	1.6	Pass	N/A	Testing Complete
LW10919	In office adjacent to 100J corridor	Classroom Sink	1.8	Pass	N/A	Testing Complete
LW05760	In office Z, next to room C	Classroom Combination Sink	5.4	Fail	8.3	Testing Complete
LW05761	In office Z, next to room C	Classroom Combination Drinking Fountain	4.1	Pass	N/A	Testing Complete
LW06062	In work room by media center	Classroom Combination Sink	<1	Pass	N/A	Testing Complete



**MONTGOMERY COUNTY PUBLIC SCHOOLS LEAD IN DRINKING WATER  
POST-REMEDATION FOLLOW-UP TESTING 2019**

November 13, 2019

**Executive Summary:**  
**Clearspring Elementary School**  
9930 Moyer Road,  
Damascus, MD 20872

<b>Round of Testing:</b>	<b>Post-Remediation Follow-up</b>
Sample Date	02/05/2019
# of Outlets Tested:	1
# of Outlets $\geq$ 5 ppb:	1
Low Value (ppb):	5.20
High Value (ppb):	5.20

**Project Status**

**Testing Complete:** Post-remediation follow-up testing completed for the following rooms:

Classroom 4 – Outlet (LW06058) will have signage affixed.



November 13, 2019

Mr. Brian Mullikin  
Environmental Team Leader  
Montgomery County Public Schools  
8301 Turkey Thicket Drive  
Building A, First Floor  
Gaithersburg, Maryland 20879

Re: Lead in Water Post-Remediation Follow-up Testing Service

Location:       Clearspring Elementary School  
                  9930 Moyer Road,  
                  Damascus, MD 20872

Dear Mr. Mullikin:

Intertek-PSI, Inc. is pleased to submit the following report to the Montgomery County Public Schools (MCPS) for completion of post-remediation lead in water testing at Clearspring Elementary School, located at 9930 Moyer Road, Damascus, MD 20872.

**Scope of Services:**

One (1) drinking water outlet was remediated at Clearspring Elementary School due to initial levels that exceeded the lead action level of 5 parts per billion (ppb). Intertek-PSI conducted lead in water post-remediation follow-up testing in accordance with the Maryland Code of Regulations (COMAR) 26.16.07-Lead in Drinking Water – Public and Nonpublic Schools.

Intertek-PSI visited the site on 02/05/2019 to collect post-remediation follow-up samples from 1 outlet that had been replaced. 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:**

The initial, flush, and post-remediation follow-up results are highlighted in the summary table below:



Barcode ID	Room Number	Location	Notes	Equipment Type	Initial (ppb)	Flush (ppb)	Post-Remediation Follow-up (ppb)	Post-Remediation Follow-up Pass/Fail	Status
LW06058	4	Classroom		Faucet	51.3	1.7	5.20	Fail	Post-remediation follow-up testing complete. Outlet will have signage affixed

\*ppb = parts per billion

### **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,

**PROFESSIONAL SERVICE INDUSTRIES, INC.**

Nan Lin  
Department Manager, Environmental Services  
[Nan.Lin@intertek.com](mailto:Nan.Lin@intertek.com)



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

May 11, 2018

**Executive Summary:**  
**Clearspring Elementary School**  
9930 Moyer Road  
Damascus, Maryland 20872

Round of Testing:	Initial
# of Outlets Tested:	71
# of Outlets $\geq 20$ ppb:	1
Low Value (ppb):	<1.0
High Value (ppb):	51.3
Follow-Up Testing Required (Samples $\geq 20$ ppb):	Classroom 4 (51.3 ppb)

Round of Testing:	Follow-Up - 30 sec draw
# of Outlets Tested:	1

**Project Status:**  
**Testing Complete: Remediation Plan**

Classroom 4 - Replace fixture (LW06058), in addition to supply line and valve located under sink



May 11, 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: Clearspring Elementary School**

9930 Moyer Road  
Damascus, Maryland 20872

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 and follow-up lead in water testing at Clearspring Elementary School, located at 9930 Moyer Road in Damascus, Maryland 20872.

**SCOPE OF SERVICES**

KCI conducted lead in water testing at Clearspring 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 3/20/2018 and 3/21/2018 to collect samples from 71 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. On 5/1/2018, one 30 second follow-up sample was collected.

Samples were submitted to a laboratory for lead in water analysis using current US EPA methodology. The laboratory has been certified by the Maryland Department of the Environment to analyze drinking water for lead.



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## **RESULTS**

There was one result of the lead in water analysis at or above 20 parts per billion (ppb) and subsequent follow up 30 second results are highlighted in the summary table below:

<b>Barcode ID</b>	<b>Sample Location</b>	<b>Date Collected</b>	<b>Initial Sample Result (ppb)</b>	<b>Date Collected</b>	<b>30 Second Follow Up Sample Result (ppb)</b>
LW06058	Faucet - Classroom 4	3/21/2018	51.3	5/1/2018	1.7

The initial lead in water sample results (3/21/2018) and 30 second follow up result (5/1/2018) 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.

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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.

Initial Sample Results for Clearspring Elementary School

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05738	11	Classroom		Bubbler - Indoor	4.0	Pass	Testing Complete
LW05739	12	Classroom		Faucet	1.4	Pass	Testing Complete
LW05741	13	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05743	14	Classroom		Faucet	1.7	Pass	Testing Complete
LW05745	15	Classroom		Faucet	1.0	Pass	Testing Complete
LW05746	15	Classroom		Bubbler - Indoor	1.0	Pass	Testing Complete
LW05747	16	Classroom		Faucet	1.6	Pass	Testing Complete
LW05749	17	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05750	17	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05751	R1R2	Classroom Preschool		Faucet	<1.0	Pass	Testing Complete
LW05752	R1R2	Classroom Preschool		Bubbler - Indoor	1.5	Pass	Testing Complete
LW05753		Hallway	Outside Of Gym	Cooler	<1.0	Pass	Testing Complete
LW05754	27	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05755	27	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05756	26	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05757	26	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05758	25	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05759	25	Classroom		Bubbler - Indoor	1.1	Pass	Testing Complete
LW05760		Reading	Lower Level	Faucet	2.6	Pass	Testing Complete
LW05761		Reading	Lower Level	Bubbler - Indoor	2.0	Pass	Testing Complete
LW05762	24	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05763	24	Classroom		Bubbler - Indoor	1.1	Pass	Testing Complete
LW05764	23	Classroom ESOL		Faucet	1.2	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05766		Hallway	Across From Cr 23	Cooler	<1.0	Pass	Testing Complete
LW05767	22	Classroom		Faucet	11.6	Pass	Testing Complete
LW05769	21	Classroom		Faucet	2.5	Pass	Testing Complete
LW05771	20	Classroom		Faucet	3.4	Pass	Testing Complete
LW05773	19	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05774	19	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW05775	18	Classroom		Faucet	<1.0	Pass	Testing Complete
LW05776	18	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06036		Kitchen		Faucet	1.1	Pass	Testing Complete
LW06037		Hallway	Across From Café	Cooler	<1.0	Pass	Testing Complete
LW06038		Break Room		Faucet	<1.0	Pass	Testing Complete
LW06039		Health Room Administration		Faucet	<1.0	Pass	Testing Complete
LW06040		Health Room Administration		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06041	K1	Classroom Kindergarten		Faucet	<1.0	Pass	Testing Complete
LW06042	K1	Classroom Kindergarten		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06043	K2	Classroom Kindergarten		Faucet	1.0	Pass	Testing Complete
LW06044	K2	Classroom Kindergarten		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06047	K3	Classroom Kindergarten		Faucet	2.1	Pass	Testing Complete
LW06048	K3	Classroom Kindergarten		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06049	K4	Classroom Kindergarten		Faucet	1.3	Pass	Testing Complete
LW06050	K4	Classroom Kindergarten		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06051		Hallway	Next To Cr 5	Cooler	<1.0	Pass	Testing Complete
LW06052	1	Classroom		Faucet	6.6	Pass	Testing Complete
LW06053	1	Classroom		Bubbler - Indoor	1.1	Pass	Testing Complete
LW06054	2	Classroom		Faucet	3.9	Pass	Testing Complete
LW06055	2	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06056	3	Classroom		Faucet	13.4	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW06058	4	Classroom		Faucet	51.3	Fail	Follow Up Testing Needed
LW06060	5	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06062		Work Room Media Center		Faucet	1.1	Pass	Testing Complete
LW06064	6	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06065	6	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06066	7	Classroom		Faucet	1.6	Pass	Testing Complete
LW06067	7	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW06068		Hallway	Across From Cr 13	Cooler	<1.0	Pass	Testing Complete
LW06069	8	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06070	8	Classroom		Bubbler - Indoor	1.3	Pass	Testing Complete
LW06071	9	Classroom		Faucet	<1.0	Pass	Testing Complete
LW06072	9	Classroom		Bubbler - Indoor	1.2	Pass	Testing Complete
LW06073	10	Classroom		Faucet	1.8	Pass	Testing Complete
LW06074	10	Classroom		Bubbler - Indoor	2.3	Pass	Testing Complete
LW06075	11	Classroom		Faucet	2.9	Pass	Testing Complete
M44727		Storage Music		Faucet	1.3	Pass	Testing Complete
M44730		Kitchen		Faucet	1.4	Pass	Testing Complete
M44731		Kitchen		Faucet	3.0	Pass	Testing Complete
M44732		Kitchen		Faucet	2.7	Pass	Testing Complete

\*PPB = parts per billion

**Contractor:** KCI Technologies, Inc.

**Certified Laboratory:** Microbac Laboratories, Inc.

Follow Up Sample Result for Clearspring Elementary School

Barcode ID	Room #	Location	Equipment Type	Initial Draw (2nd) (PPB)	Initial Draw (3rd) (PPB)	30 Second Draw (PPB)*	Status
LW06058	4	Classroom	Faucet	N/A	19.6	1.7	Remediation required – replace fixture, in addition to supply line and valve located under sink

\*PPB = parts per billion

Note: Fixture(s) with elevated test results were immediately removed from service. Subsequent 2nd and 3rd round testing was performed on these fixture(s) for further diagnostics for remediation. Because the fixture was shut off after the first test, the subsequent test results may not be representative of an in-use fixture because of stagnant water in the supply line and the operation of shut off valves prior to the tests. All fixtures with elevated test results are to be remediated. After remediation, post remediation testing will be conducted before the fixture is returned to service.