

Montgomery County Public Schools Lead in Drinking Water Testing Report

Damascus High School
25921 Ridge Rd.
Damascus, MD 20872

Report Date: May 16th, 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	45
# of Outlets \geq 5 ppb	8

NEXT STEPS

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

HEALTH EFFECTS OF LEAD

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

SOURCES OF HUMAN EXPOSURE TO LEAD

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

TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

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

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

ADDITIONAL INFORMATION

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

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

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

ATTACHMENT A

Lead in Water Sample Results Table

Sampling Results for Damascus HS

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M23339	In classroom 103	Drinking Water Fountain - Cooler/Chiller Style	2.6	Pass	Testing Complete
LW05048	In kitchen	Faucet, Cold	2.9	Pass	Testing Complete
LW05049	In kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
LW05078	In kitchen 113	Faucet, Cold	13.4	Fail	Remediation Action Plan
LW05051	In kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
LW05052	In kitchen	Faucet, Cold	<1.0	Pass	Testing Complete
LW05055	In kitchen	Ice Machine	<1.0	Pass	Testing Complete
LW05057	In break room by cafeteria	Faucet, Cold	1.1	Pass	Testing Complete
LW05058	In hallway across from café	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05062	In classroom 104	Drinking Water Fountain - Cooler/Chiller Style	1.7	Pass	Testing Complete
LW05063	In hallway across from Courtyard	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW05065	In hallway outside of 111	Abandoned/Removed	<1.0	Pass	Testing Complete
LW05070	In kitchen 115 by classroom	Faucet, Cold	4.3	Pass	Testing Complete
LW05071	In kitchen 115 by classroom	Faucet, Cold	20.3	Fail	Remediation Action Plan
LW05073	In kitchen 115 by classroom	Faucet, Cold	5.5	Fail	Remediation Action Plan
LW05068	In kitchen 115 by classroom	Faucet, Cold	1.2	Pass	Testing Complete
LW05074	In kitchen 113	Faucet, Cold	17.9	Fail	Remediation Action Plan
LW05876	In kitchen 113	Faucet, Cold	8.5	Fail	Remediation Action Plan
LW05079	In kitchen 113	Faucet, Cold	4.2	Pass	Testing Complete
LW05075	In kitchen 113	Faucet, Cold	6.9	Fail	Remediation Action Plan
LW05077	In kitchen 113	Faucet, Cold	18.7	Fail	Remediation Action Plan
LW05081	In hallway outside of main office	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05082	In health room	Faucet, Cold	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW05083	In work room by office ie. main office	Faucet, Cold	1.7	Pass	Testing Complete
LW05084	In hallway across from main office	Drinking Water Fountain - Cooler/Chiller Style	2.8	Pass	Testing Complete
LW05086	In hallway outside of 160	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05096	In hallway outside of 206	Drinking Water Fountain - Cooler/Chiller Style	4.0	Pass	Testing Complete
LW13035	In hallway outside of 238	Drinking Water Fountain - Cooler/Chiller Style	47.1	Fail	Remediation Action Plan
LW05087	In hallway outside of 154	Drinking Water Fountain - Cooler/Chiller Style	2.9	Pass	Testing Complete
LW06391	In hallway outside of gym	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05088	In hallway across from elevator	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05089	In classroom 154	Faucet, Cold	<1.0	Pass	Testing Complete
LW05091	In hallway across from 241	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05093	In hallway across from 254	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW05097	In hallway Beside 209	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW06388	In Weight room by gymnasium	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW06389	In locker room - boys	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW13037	In hallway across from CAF	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW13036	In hallway inside the back stage	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW13038	In hallway across from CAF	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW13039	In hallway outside 111	Bottle Refill Dispenser/Water Refill Station	<1.0	Pass	Testing Complete
LW13034	In hallway next to 238	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
LW06392	In hallway across from main gym	Drinking Water Fountain - Cooler/Chiller Style	<1.0	Pass	Testing Complete
M10351	In ice 171	Ice Machine	<1.0	Pass	Testing Complete
LW10661	In hallway across from main gym	Bottle Refill Dispenser/Water Refill Station	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Damascus High School
25921 Ridge Road
Damascus, MD 20872**

Report Date: February 18th, 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	42
# of Outlets \geq 5 ppb	6

NEXT STEPS

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

HEALTH EFFECTS OF LEAD

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

SOURCES OF HUMAN EXPOSURE TO LEAD

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

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

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

ADDITIONAL INFORMATION

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

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

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

ATTACHMENT A

Lead in Water Sample Results Table

Sampling Results for Damascus HS

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
M10350	178	Classroom Sink	2.0	Pass	N/A	Testing Complete
LW10662	180	Drinking Fountain	2.9	Pass	N/A	Testing Complete
LW05057	In break room by cafeteria	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M23339	In classroom 103	Drinking Fountain	2.5	Pass	N/A	Testing Complete
LW05062	In classroom 104	Drinking Fountain	3.0	Pass	N/A	Testing Complete
M10329	In classroom 148	Teacher's Lounge Sink	1.6	Pass	N/A	Testing Complete
LW05085	In classroom 150	Teacher's Lounge Sink	3.3	Pass	N/A	Testing Complete
LW05089	In classroom 154	Teacher's Lounge Sink	2.2	Pass	N/A	Testing Complete
LW05095	In hallway across from 222	Drinking Fountain	3.0	Pass	N/A	Testing Complete
LW05091	In hallway across from 241	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05093	In hallway across from 254	Drinking Fountain	2.5	Pass	N/A	Testing Complete
LW05058	In hallway across from café	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05063	In hallway across from Courtyard	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW05088	In hallway across from elevator	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW06392	In hallway across from main gym	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW10661	In hallway across from main gym	Bottle Filler	<1	Pass	N/A	Testing Complete
LW05084	In hallway across from main office	Drinking Fountain	2.9	Pass	N/A	Testing Complete
LW05097	In hallway Beside 209	Drinking Fountain	1.7	Pass	N/A	Testing Complete
LW05065	In hallway outside of 111	Drinking Fountain	5.9	Fail	Device Removed	Testing Complete
LW05087	In hallway outside of 154	Drinking Fountain	1.2	Pass	N/A	Testing Complete
LW05086	In hallway outside of 160	Drinking Fountain	3.5	Pass	N/A	Testing Complete
LW05081	In hallway outside of main office	Drinking Fountain	1.9	Pass	N/A	Testing Complete
LW05082	In health room	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M10351	In ice 171	Ice Machine	<1	Pass	N/A	Testing Complete
LW05048	In kitchen	Kitchen Sink	3.3	Pass	N/A	Testing Complete
LW05049	In kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW05051	In kitchen	Kitchen Sink	1.8	Pass	N/A	Testing Complete
LW05052	In kitchen	Kitchen Sink	2.1	Pass	N/A	Testing Complete
LW05055	In kitchen	Ice Machine	<1	Pass	N/A	Testing Complete
LW05074	In kitchen 113	Kitchen Sink	43	Fail	4.5	Testing Complete

LW05075	In kitchen 113	Kitchen Sink	18.2	Fail	32.9	Testing Complete
LW05077	In kitchen 113	Kitchen Sink	5.0	Fail	1.5	Testing Complete
LW05078	In kitchen 113	Kitchen Sink	24.5	Fail	3.3	Testing Complete
LW05070	In kitchen 115 by classroom	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW05071	In kitchen 115 by classroom	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW05073	In kitchen 115 by classroom	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW10663	In kitchen 115 by classroom	Ice Machine	<1	Pass	N/A	Testing Complete
LW06389	In locker room - boys	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW06390	In office by locker room - boys	Ice Machine	<1	Pass	N/A	Testing Complete
LW06388	In Weight room by gymnasium	Drinking Fountain	<1	Pass	N/A	Testing Complete
M10342	In work room 152 by media center	Teacher's Lounge Sink	4.8	Pass	N/A	Testing Complete
LW05083	In work room by office ie. main office	Teacher's Lounge Sink	5.0	Fail	4.2	Testing Complete



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

November 13, 2019

Executive Summary:
Damascus High School
25921 Ridge Road,
Damascus, MD 20872

Round of Testing:	Post-Remediation Follow-up
Sample Date	02/01/2019
# of Outlets Tested:	4
# of Outlets \geq 5 ppb:	4
Low Value (ppb):	5.1
High Value (ppb):	94.7

Project Status

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

- Room 113 (Kitchen) – Outlet (LW05076) will have signage affixed.
- Room 113 (Kitchen) – Outlet (LW05075) will have signage affixed.
- Room 113 (Kitchen) – Outlet (LW05077) will have signage affixed.
- Room 113 (Kitchen) – Outlet (LW05078) 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: Damascus High School
25921 Ridge 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 in water testing at Damascus High School, located at 25921 Ridge Road, Damascus, MD 20872.

Scope of Services:

Four (4) drinking water outlets were remediated at Damascus High 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 02/01/2019 to collect post-remediation follow-up samples from 4 of the outlets that have 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
LW05076	113	Kitchen		Faucet	29.6	ND	5.1	Fail	Post-remediation follow-up testing complete. Outlet will have signage affixed
LW05075	113	Kitchen		Faucet	39.5	1.1	7.8	Fail	Post-remediation follow-up testing complete. Outlet will have signage affixed
LW05077	113	Kitchen		Faucet	20.8	2.0	23.1	Fail	Post-remediation follow-up testing complete. Outlet will have signage affixed
LW05078	113	Kitchen		Faucet	30.5	ND	94.7	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.

A handwritten signature in blue ink, appearing to read 'Nan Lin', with a stylized flourish at the end.

Nan Lin
Department Manager, Environmental Services
Nan.Lin@intertek.com



Montgomery County Public Schools Lead in Drinking Water Testing 2018

May 3, 2018

Executive Summary:

Damascus High School

25921 Ridge Road

Damascus, Maryland 20872

Round of Testing:	Initial
# of Outlets Tested:	58
# of Outlets ≥ 20 ppb:	4
Low Value (ppb):	<1.0
High Value (ppb):	39.5
Follow-Up Testing Required (Samples ≥ 20 ppb):	Kitchen (39.5 ppb) Kitchen (29.6 ppb) Kitchen (20.8 ppb) Kitchen (30.5 ppb)

Round of Testing:	Follow-Up - 30 sec draw
# of Outlets Tested:	4

Project Status:

Testing Complete: Remediation Plan

Kitchen - Replace fixture (LW05075), in addition to supply line and valve located under sink

Kitchen - Replace fixture (LW0576), in addition to supply line and valve located under sink

Kitchen - Replace fixture (LW05077), in addition to supply line and valve located under sink

Kitchen - Replace fixture (LW05078), in addition to supply line and valve located under sink



May 3, 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: Damascus High School

25921 Ridge 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 Damascus High School, located at 25921 Ridge Road in Damascus, Maryland 20872.

SCOPE OF SERVICES

KCI conducted lead in water testing at Damascus High 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 3/22/2018 and 3/23/2018 to collect samples from 58 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 4/20/2018, four 30 second follow-up samples were 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.

RESULTS

There were four results 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:

Barcode ID	Sample Location	Date Collected	Initial Sample Result (ppb)	Date Collected	30 Second Follow Up Sample Result (ppb)
LW05075	Faucet - Kitchen	3/23/2018	39.5	4/20/2018	1.1
LW0576	Faucet - Kitchen	3/23/2018	29.6	4/20/2018	ND
LW05077	Faucet - Kitchen	3/23/2018	20.8	4/20/2018	2.0
LW05078	Faucet - Kitchen	3/23/2018	30.5	4/20/2018	ND

The initial lead in water sample results (3/23/2018) and 30 second follow up results (4/20/2018) 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

Attachments:

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 Damascus High School

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05048		Kitchen		Faucet	1.2	Pass	Testing Complete
LW05049		Kitchen		Faucet	1.5	Pass	Testing Complete
LW05050		Kitchen		Faucet	<1.0	Pass	Testing Complete
LW05051		Kitchen		Faucet	1.8	Pass	Testing Complete
LW05052		Kitchen		Faucet	1.3	Pass	Testing Complete
LW05053		Kitchen		Faucet	1.7	Pass	Testing Complete
LW05054		Kitchen		Faucet	6.9	Pass	Testing Complete
LW05055		Kitchen		Icemaker	<1.0	Pass	Testing Complete
LW05056		Kitchen		Faucet	1.9	Pass	Testing Complete
LW05057		Break Room Cafeteria		Faucet	<1.0	Pass	Testing Complete
LW05058		Hallway	Across From Café	Cooler	<1.0	Pass	Testing Complete
LW05062	104	Classroom		Cooler	2.9	Pass	Testing Complete
LW05063		Hallway	Across From Courtyard	Cooler	<1.0	Pass	Testing Complete
LW05064	118	Classroom		Faucet	7.1	Pass	Testing Complete
LW05065		Hallway	Outside Of 111	Cooler	1.4	Pass	Testing Complete
LW05066	115	Classroom		Faucet	8.1	Pass	Testing Complete
LW05067	115	Kitchen Classroom		Faucet	1.2	Pass	Testing Complete
LW05068	115	Kitchen Classroom		Faucet	1.6	Pass	Testing Complete
LW05070	115	Kitchen Classroom		Faucet	3.3	Pass	Testing Complete
LW05071	115	Kitchen Classroom		Faucet	3.0	Pass	Testing Complete
LW05072	115	Kitchen Classroom		Faucet	1.7	Pass	Testing Complete
LW05073	115	Kitchen Classroom		Faucet	3.0	Pass	Testing Complete
LW05074	113	Kitchen		Faucet	4.8	Pass	Testing Complete
LW05075	113	Kitchen		Faucet	39.5	Fail	Follow-Up Testing Needed
LW05076	113	Kitchen		Faucet	29.6	Fail	Follow-Up Testing Needed
LW05077	113	Kitchen		Faucet	20.8	Fail	Follow-Up Testing Needed

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW05078	113	Kitchen		Faucet	30.5	Fail	Follow-Up Testing Needed
LW05079	113	Kitchen		Faucet	5.5	Pass	Testing Complete
LW05080	112	Classroom		Faucet	4.3	Pass	Testing Complete
LW05081		Hallway	Outside Of Main Office	Cooler	1.3	Pass	Testing Complete
LW05082		Health Room		Faucet	1.4	Pass	Testing Complete
LW05083		Work Room Office	Main Office	Faucet	4.6	Pass	Testing Complete
LW05084		Hallway	Across From Main Office	Cooler	<1.0	Pass	Testing Complete
LW05085	150	Classroom		Faucet	4.7	Pass	Testing Complete
LW05086		Hallway	Outside Of 160	Cooler	1.9	Pass	Testing Complete
LW05087		Hallway	Outside Of 154	Cooler	1.5	Pass	Testing Complete
LW05088		Hallway	Across From Elevator	Cooler	<1.0	Pass	Testing Complete
LW05089	154	Classroom		Faucet	3.5	Pass	Testing Complete
LW05090		Locker Room - Girls		Cooler	<1.0	Pass	Testing Complete
LW05091		Hallway	Across From 241	Cooler	<1.0	Pass	Testing Complete
LW05092	243	Office		Faucet	5.0	Pass	Testing Complete
LW05093		Hallway	Across From 254	Cooler	<1.0	Pass	Testing Complete
LW05094	226	Office		Faucet	6.0	Pass	Testing Complete
LW05095		Hallway	Across From 222	Cooler	1.0	Pass	Testing Complete
LW05097		Hallway	Beside 209	Cooler	<1.0	Pass	Testing Complete
LW05098	213	Office		Faucet	7.6	Pass	Testing Complete
LW05099		Hallway	Across From 005	Cooler	<1.0	Pass	Testing Complete
LW06388		Weight Room Gymnasium		Cooler	<1.0	Pass	Testing Complete
LW06389		Locker Room - Boys		Cooler	1.0	Pass	Testing Complete
LW06390		Office Locker Room - Boys		Icemaker	<1.0	Pass	Testing Complete
LW06391		Hallway	Across From Main Gym	Cooler	<1.0	Pass	Testing Complete
LW06392		Hallway	Across From Main Gym	Cooler	<1.0	Pass	Testing Complete
M10116		Training Room Boys Locker Room	in BLR	Faucet	3.9	Pass	Testing Complete
M10329	148	Classroom		Faucet	2.7	Pass	Testing Complete
M10342	152	Work Room Media Center		Faucet	2.4	Pass	Testing Complete
M10350		Break Room		Faucet	9.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M10351	171	Ice Rm		Ice Maker	<1.0	Pass	Testing Complete
M23339	103	Classroom		Cooler	1.9	Pass	Testing Complete

*PPB = parts per billion

Contractor: KCI Technologies, Inc.
Certified Laboratory: Microbac Laboratories, Inc.

Follow Up Sample Results for Damascus High School

Barcode ID	Room #	Location	Equipment Type	Initial Draw (2nd) (PPB)	Initial Draw (3rd) (PPB)	30 Second Draw (PPB)*	Status
LW05075	113	Kitchen	Faucet	N/A	23.3	1.1	Remediation required – replace fixture, in addition to supply line and valve located under sink
LW05076	113	Kitchen	Faucet	N/A	19.3	ND	Remediation required – replace fixture, in addition to supply line and valve located under sink
LW05077	113	Kitchen	Faucet	N/A	23.6	2.0	Remediation required – replace fixture, in addition to supply line and valve located under sink
LW05078	113	Kitchen	Faucet	N/A	30.7	ND	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.