

Montgomery County Public Schools Lead in Drinking Water Testing Report

Whetstone Elementary School
19201 Thomas Farm Road
Gaithersburg, MD 20879

Report Date: August 22nd, 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	4/20/23
# of Outlets Tested	56
# 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 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 Whetstone ES

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW01097	In copy room by office	Classroom Sink	<1.0	Pass	Testing Complete
LW01098	In hallway next to girls restroom, across from health room	Drinking Fountain	<1.0	Pass	Testing Complete
LW01105	In classroom 1	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01107	In classroom 2	Classroom Combination Drinking Fountain	1.2	Pass	Testing Complete
LW01109	In classroom K2	Classroom Combination Drinking Fountain	3.4	Pass	Testing Complete
LW01112	In classroom	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01114	In classroom 4	Classroom Combination Drinking Fountain	2.4	Pass	Testing Complete
LW01115	In hallway	Drinking Fountain	<1.0	Pass	Testing Complete
LW01117	In classroom D5	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01120	In classroom K1	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01123	In classroom 34	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01124	In hallway next to girls restroom, across from 5	Drinking Fountain	<1.0	Pass	Testing Complete
LW01126	In classroom 5	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01128	In classroom D1	Classroom Combination Drinking Fountain	1.1	Pass	Testing Complete
LW01130	In classroom D2	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01132	In classroom D4	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01134	In classroom 8	Classroom Combination Drinking Fountain	3.2	Pass	Testing Complete
LW01136	In break room by break room	Teachers Lounge Sink	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
LW01138	In kitchen	Kitchen Sink	5.1	Fail	Remediation Action Plan
LW01139	In kitchen	Kitchen Sink	4.8	Pass	Testing Complete
LW01143	In classroom D9	Indoor - Bubble	4.9	Pass	Testing Complete
LW01145	In classroom 7	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01147	In classroom D7	Classroom Combination Drinking Fountain	1.6	Pass	Testing Complete
LW01149	In classroom D6	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01150	In hallway across from 13	Drinking Fountain	<1.0	Pass	Testing Complete
LW01152	In classroom 13	Classroom Combination Drinking Fountain	3.3	Pass	Testing Complete
LW01158	In classroom 14	Classroom Combination Drinking Fountain	2.6	Pass	Testing Complete
LW01160	In classroom 15	Classroom Combination Drinking Fountain	2.8	Pass	Testing Complete
LW01162	In classroom 16	Indoor - Bubbler (Classroom Combination Drinking Fountain OR Drinking Fountain)	1.7	Pass	Testing Complete
LW01164	In classroom 10	Classroom Combination Drinking Fountain	2.3	Pass	Testing Complete
LW01171	In classroom 18	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW08260	In classroom D8	Classroom Combination Drinking Fountain	1.0	Pass	Testing Complete
LW08262	In classroom D3	Classroom Combination Drinking Fountain	1.2	Pass	Testing Complete
M00405	In work room by media center	Classroom Sink	<1.0	Pass	Testing Complete
M50589	In hallway across from CR 27	Drinking Fountain	<1.0	Pass	Testing Complete
M50590	In hallway across from CR 27	Drinking Fountain	<1.0	Pass	Testing Complete
M50599	In classroom 31	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50602	In classroom 33	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initials Results (ppb)	Pass/Fail	Status
M50605	In classroom 38	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50608	In classroom 40	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50610	In hallway across from CR 41	Drinking Fountain	<1.0	Pass	Testing Complete
M50611	In hallway across from CR 41	Drinking Fountain	<1.0	Pass	Testing Complete
M50614	In classroom 49	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50616	In classroom 54	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50618	In classroom 56	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50620	In classroom 53	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
M50626	In classroom 60	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01103	Classroom 20	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete
LW01137	Kitchen 1 of 3	Kitchen Sink	3.8	Pass	Testing Complete
LW12597	Hallway next to girls bathroom / outside Gym	Drinking Fountain	<1.0	Pass	Testing Complete
LW12600	Hallway next to girls bathroom / outside Gym	Drinking Fountain	<1.0	Pass	Testing Complete
LW12601	Hallway next to girls bathroom / CR-27	Drinking Fountain	<1.0	Pass	Testing Complete
LW12602	In hallway across from CR 27	Drinking Fountain	<1.0	Pass	Testing Complete
LW12603	Hallway next to girls bathroom / CR-27	Drinking Fountain	<1.0	Pass	Testing Complete
LW12604	Health Room	Nurses Sink	<1.0	Pass	Testing Complete
M506206	In classroom 60	Classroom Combination Drinking Fountain	<1.0	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Whetstone Elementary School
19201 Thomas Farm Road
Gaithersburg MD 20879**

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	3/3/2020
# of Outlets Tested	86
# of Outlets \geq 5 ppb	3

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.

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 Whetstone ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW01097	In copy room by office	Classroom Sink	2.3	Pass	N/A	Testing complete
LW01098	In hallway next to girls restroom, across from health room	Drinking Fountain	<1	Pass	N/A	Testing complete
LW01100	In classroom 22	Classroom Combination Drinking Fountain	4.9	Pass	N/A	Testing complete
LW01101	In classroom 21	Faucet (Classroom Combination Sink or Classroom Sink)	2.4	Pass	N/A	Testing complete
LW01102	In classroom 20	Faucet (Classroom Combination Sink or Classroom Sink)	1.4	Pass	N/A	Testing complete
LW01104	In classroom 1 by classroom	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
LW01105	In classroom 1 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01106	In classroom 2	Faucet (Classroom Combination Sink or Classroom Sink)	1.2	Pass	N/A	Testing complete
LW01107	In classroom 2	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01108	In classroom K2 by classroom	Classroom Combination Sink	1.4	Pass	N/A	Testing complete
LW01109	In classroom K2 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01111	In classroom 27 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01112	In classroom by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01113	In classroom 4	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01114	In classroom 4	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01115	In hallway	Drinking Fountain	<1	Pass	N/A	Testing complete
LW01116	In classroom D5 by classroom	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
LW01117	In classroom D5 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01119	In classroom K1	Faucet (Classroom Combination Sink or Classroom Sink)	1.3	Pass	N/A	Testing complete
LW01120	In classroom K1	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01121	In classroom K1	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
LW01122	In classroom 34	Classroom Combination Sink	1.3	Pass	N/A	Testing complete
LW01123	In classroom 34	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01124	In hallway next to girls restroom, across from 5	Drinking Fountain	<1	Pass	N/A	Testing complete
LW01125	In classroom 5	Faucet (Classroom Combination Sink or Classroom Sink)	1.4	Pass	N/A	Testing complete
LW01126	In classroom 5	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete

LW01127	In classroom D1	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01128	In classroom D1	Classroom Combination Drinking Fountain	1.2	Pass	N/A	Testing complete
LW01129	In classroom D2	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01130	In classroom D2	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01131	In classroom 7	Classroom Combination Sink	39.3	Fail	NC	Remediation Action Plan
LW01132	In classroom D4 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01133	In classroom 8 by classroom	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
LW01134	In classroom 8 by classroom	Classroom Combination Drinking Fountain	1.3	Pass	N/A	Testing complete
LW01136	In break room by break room	Teachers Lounge Sink	<1	Pass	N/A	Testing complete
LW01138	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing complete
LW01139	In kitchen by kitchen	Kitchen Sink	8.9	Fail	NC	Remediation Action Plan
LW01140	In classroom D8 by classroom	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
LW01141	In classroom D4 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01142	In classroom D9 by classroom	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
LW01143	In classroom D9 by classroom	Indoor - Bubblers (Classroom Combination Drinking Fountain OR Drinking Fountain)	<1	Pass	N/A	Testing complete
LW01144	In classroom 14 by classroom	Classroom Combination Sink	13.9	Fail	NC	Remediation Action Plan
LW01145	In classroom 7	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01146	In classroom D7	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01147	In classroom D7	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01148	In classroom D6	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01149	In classroom D6	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01150	In hallway across from 13	Drinking Fountain	<1	Pass	N/A	Testing complete
LW01152	In classroom 13	Classroom Combination Drinking Fountain	2.3	Pass	N/A	Testing complete
LW01153	In classroom 12	Faucet (Classroom Combination Sink or Classroom Sink)	2.9	Pass	N/A	Testing complete
LW01154	In classroom 12	Indoor - Bubblers (Classroom Combination Drinking Fountain OR Drinking Fountain)	<1	Pass	N/A	Testing complete
LW01157	In classroom 18	Faucet (Classroom Combination Sink or Classroom Sink)	2.4	Pass	N/A	Testing complete
LW01158	In classroom 14 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01159	In classroom 15 by classroom	Classroom Combination Sink	1.7	Pass	N/A	Testing complete
LW01160	In classroom 15 by classroom	Classroom Combination Drinking Fountain	2.0	Pass	N/A	Testing complete

LW01161	In classroom 16 by classroom	Faucet (Classroom Combination Sink or Classroom Sink)	1.3	Pass	N/A	Testing complete
LW01162	In classroom 16 by classroom	Indoor - Bubbler (Classroom Combination Drinking Fountain OR Drinking Fountain)	<1	Pass	N/A	Testing complete
LW01163	In classroom 10 by classroom	Classroom Combination Sink	1.5	Pass	N/A	Testing complete
LW01164	In classroom 10 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW01165	In classroom 9 by classroom	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW01171	In classroom 18	Classroom Combination Drinking Fountain	1.0	Pass	N/A	Testing complete
M00405	In work room by media center	Classroom Sink	<1	Pass	N/A	Testing complete
M50589	In hallway across from CR 27	Drinking Fountain	<1	Pass	N/A	Testing complete
M50590	In hallway across from CR 27	Drinking Fountain	<1	Pass	N/A	Testing complete
M50598	In classroom 31	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50599	In classroom 31	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50601	In classroom 33	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50602	In classroom 33	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50604	In classroom 38	Classroom Combination Sink	<1	Pass	N/A	Testing complete
M50605	In classroom 38	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50607	In classroom 40 by classroom	Classroom Combination Sink	1.2	Pass	N/A	Testing complete
M50608	In classroom 40 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50610	In hallway across from CR 41	Drinking Fountain	<1	Pass	N/A	Testing complete
M50611	In hallway across from CR 41	Drinking Fountain	<1	Pass	N/A	Testing complete
M50613	In classroom 49	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
M50614	In classroom 49	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50615	In classroom 54 by classroom	Classroom Combination Sink	1.5	Pass	N/A	Testing complete
M50616	In classroom 54 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50617	In classroom 56 by classroom	Faucet (Classroom Combination Sink or Classroom Sink)	1.8	Pass	N/A	Testing complete
M50618	In classroom 56 by classroom	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50619	In classroom 53	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
M50620	In classroom 53	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
M50625	In classroom 60	Faucet (Classroom Combination Sink or Classroom Sink)	<1	Pass	N/A	Testing complete
M50626	In classroom 60	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete

LW08260	In classroom D8	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing complete
LW08261	In classroom D3	Classroom Combination Sink	<1	Pass	N/A	Testing complete
LW08262	In classroom D3	Classroom Combination 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: Whetstone Elementary School

19201 Thomas Farm Road
Montgomery Village, MD 20886

Date of Test Report:	03/20/2018
Round of Testing:	Initial
# of Outlets Tested:	95
# of Outlets \geq 20 ppb:	0
Low Value (ppb):	< 1.0
High Value (ppb):	18.1

Project Status

Initial testing complete: All results less than 20 ppb.



March 20, 2018

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 Testing Service

Location: Whetstone Elementary School
19201 Thomas Farm Road
Montgomery Village, MD 20886

Dear Mr. Mullikin:

Professional Services Industries (PSI), Inc. is pleased to submit the following report to the Montgomery County Public Schools (MCPS) for completion of initial lead in water testing at Whetstone Elementary School, located at 19201 Thomas Farm Road located in Montgomery Village, MD 20886.

Scope of Services:

PSI conducted lead in water testing at Whetstone 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.

PSI visited the site on 02/21/18 and 02/22/18 to collect samples from 95 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 were no results of the lead in water analysis at or above 20 parts per billion (ppb).

The lead in water sample results < 20 ppb for sample collection date 02/22/18 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,

PROFESSIONAL SERVICE INDUSTRIES, INC.

A handwritten signature in black ink that reads "Nand Kaushik".

Nand Kaushik, P.E.
Department Manager, Environmental Services
Nand.Kaushik@psiusa.com

Attachments: A – Lead in Water Test Summary Table

ATTACHMENT A

Lead in Water Test Summary Table

Contractor: Professional Services Industries, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Sample Results for Whetstone Elementary School

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
LW01092		Health Room		Faucet	9.6	Pass	Testing Complete
LW01097		Copy Room Office		Faucet	1.8	Pass	Testing Complete
LW01098		Hallway	Next To Girls Restroom, Across From Health Room	Cooler	<1.0	Pass	Testing Complete
LW01099	22	Classroom		Faucet	6	Pass	Testing Complete
LW01100	22	Classroom		Bubbler - Indoor	4.1	Pass	Testing Complete
LW01101	21	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01102	20	Classroom		Faucet	2.6	Pass	Testing Complete
LW01103	20	Classroom		Bubbler - Indoor	18.1	Pass	Testing Complete
LW01104	1	Classroom		Faucet	1.3	Pass	Testing Complete
LW01105	1	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01106	2	Classroom		Faucet	1.3	Pass	Testing Complete
LW01107	2	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01108	K2	Classroom		Faucet	3.1	Pass	Testing Complete
LW01109	K2	Classroom		Faucet	3.9	Pass	Testing Complete
LW01110	K2	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01111	27	Classroom		Faucet	1.9	Pass	Testing Complete
LW01112		Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01113	4	Classroom		Faucet	1.9	Pass	Testing Complete
LW01114	4	Classroom		Bubbler - Indoor	1.4	Pass	Testing Complete
LW01115		Hallway		Cooler	<1.0	Pass	Testing Complete
LW01116	D5	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01117	D5	Classroom		Bubbler - Indoor	1.6	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
LW01118	D4	Classroom		Faucet	2.4	Pass	Testing Complete
LW01119	K1	Classroom		Faucet	2.2	Pass	Testing Complete
LW01120	K1	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01121	K1	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01122	34	Classroom		Faucet	1.1	Pass	Testing Complete
LW01123	34	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01124		Hallway	Next To Girls Restroom, Across From CR 5	Cooler	<1.0	Pass	Testing Complete
LW01125	5	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01126	5	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01127	D1	Classroom		Faucet	1.9	Pass	Testing Complete
LW01128	D1	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01129	D2	Classroom		Faucet	1.4	Pass	Testing Complete
LW01130	D2	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01131	7	Classroom		Faucet	3	Pass	Testing Complete
LW01132	D4	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01133	8	Classroom		Faucet	2	Pass	Testing Complete
LW01134	8	Classroom		Bubbler - Indoor	1.3	Pass	Testing Complete
LW01135	GYM	Gymnasium		Cooler	<1.0	Pass	Testing Complete
LW01136		Break Room		Faucet	1.2	Pass	Testing Complete
LW01137		Kitchen		Faucet	4.1	Pass	Testing Complete
LW01138		Kitchen		Faucet	1.3	Pass	Testing Complete
LW01139		Kitchen		Faucet	1.4	Pass	Testing Complete
LW01140	D8	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01141	D4	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01142	D9	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01143	D9	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01144	14	Classroom		Faucet	4	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
LW01145	7	Classroom		Bubbler - Indoor	1.2	Pass	Testing Complete
LW01146	D7	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01147	D7	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01148	D6	Classroom		Faucet	1.6	Pass	Testing Complete
LW01149	D6	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01150		Hallway	Across From CR 13	Cooler	<1.0	Pass	Testing Complete
LW01151	13	Classroom		Faucet	5.9	Pass	Testing Complete
LW01152	13	Classroom		Bubbler - Indoor	1.3	Pass	Testing Complete
LW01153	12	Classroom		Faucet	2.8	Pass	Testing Complete
LW01154	12	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01155	17	Art		Faucet	1.7	Pass	Testing Complete
LW01156	17	Art		Bubbler - Indoor	1.1	Pass	Testing Complete
LW01157	18	Classroom		Faucet	4.3	Pass	Testing Complete
LW01158	14	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01159	15	Classroom		Faucet	1.3	Pass	Testing Complete
LW01160	15	Classroom		Bubbler - Indoor	2.8	Pass	Testing Complete
LW01161	16	Classroom		Faucet	2.1	Pass	Testing Complete
LW01162	16	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01163	10	Classroom		Faucet	<1.0	Pass	Testing Complete
LW01164	10	Classroom		Bubbler - Indoor	1.7	Pass	Testing Complete
LW01165	9	Classroom		Faucet	1.8	Pass	Testing Complete
LW01166	9	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW01171	18	Classroom		Bubbler - Indoor	1.8	Pass	Testing Complete
M00405		Work Room Media Center		Faucet	<1.0	Pass	Testing Complete
M50589		Hallway	Across from CR 27	Cooler	<1.0	Pass	Testing Complete
M50590		Hallway	Across from CR 27	Cooler	<1.0	Pass	Testing Complete
M50598	31	Classroom		Faucet	<1.0	Pass	Testing Complete
M50599	31	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results	Pass/Fail	Status
M50601	33	Classroom		Faucet	1	Pass	Testing Complete
M50602	33	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50604	38	Classroom		Faucet	<1.0	Pass	Testing Complete
M50605	38	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50607	40	Classroom		Faucet	<1.0	Pass	Testing Complete
M50608	40	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50610		Hallway	Across from CR 41	Cooler	<1.0	Pass	Testing Complete
M50611		Hallway	Across from CR 41	Cooler	<1.0	Pass	Testing Complete
M50613	49	Classroom		Faucet	<1.0	Pass	Testing Complete
M50614	49	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50615	54	Classroom		Faucet	<1.0	Pass	Testing Complete
M50616	54	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50617	56	Classroom		Faucet	<1.0	Pass	Testing Complete
M50618	56	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50619	53	Classroom		Faucet	1.6	Pass	Testing Complete
M50620	53	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M50625	60	Classroom		Faucet	<1.0	Pass	Testing Complete
M50626	60	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

*ppb = parts per billion