Montgomery County Public Schools
Lead in Drinking Water Testing Report

Gaithersburg Elementary School
35 North Summit Ave.
Gaithersburg, MD 20877

Report Date: April 8th, 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	1/30/2020
# of Outlets Tested	72
# of Outlets ≥ 5 ppb	5

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.
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

Sample Results for Gaithersburg ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW00601	In hallway in front of staff lounge	Drinking Fountain	1.0	Pass	N/A	Testing Complete
LW00602	In break room	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW00604	In classroom 2	Classroom Combination Sink	1.3	Pass	N/A	Testing Complete
LW00605	In classroom 4	Classroom Combination Drinking Fountain	1.5	Pass	N/A	Testing Complete
LW00606	In classroom 4	Classroom Combination Sink	1.6	Pass	N/A	Testing Complete
LW00607	In classroom 1	Classroom Combination Sink	1.8	Pass	N/A	Testing Complete
LW00608	In classroom 1	Classroom Combination Drinking Fountain	1.2	Pass	N/A	Testing Complete
LW00610	In classroom 3	Classroom Combination Sink	2.3	Pass	N/A	Testing Complete
LW00611	In hallway next to building services	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW00612	In music	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW00614	In hallway In front of gym	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW00615	In classroom 12A	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW00619	In classroom 11	Classroom Combination Sink	27.8	Fail	<1	Remediation Action Plan
LW00620	In classroom 11	Classroom Combination Drinking Fountain	2.9	Pass	N/A	Testing Complete
LW00622	In classroom 10	Classroom Combination Drinking Fountain	5.3	Fail	<1	Remediation Action Plan
LW00623	In hallway across from room 10	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW00625	In classroom 8	Classroom Combination Drinking Fountain	4.5	Pass	N/A	Testing Complete
LW00627	In classroom 7	Classroom Combination Drinking Fountain	5.3	Fail	<1	Remediation Action Plan
LW00629	In classroom 9	Classroom Combination Drinking Fountain	3.0	Pass	N/A	Testing Complete
LW00630	In classroom 6	Classroom Combination Sink	1.3	Pass	N/A	Testing Complete
LW00636	In kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW00637	In kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
LW00638	In health room	Nurses Office Sink	<1	Pass	N/A	Testing Complete
LW00639	In wellness center B110	Classroom Sink	2.2	Pass	N/A	Testing Complete
LW00640	In wellness center B111	Classroom Sink	<1	Pass	N/A	Testing Complete
LW00641	In wellness center B112	Classroom Sink	<1	Pass	N/A	Testing Complete
LW00642	In hallway in front of K-1	Drinking Fountain	<1	Pass	N/A	Testing Complete

LW00644	In classroom 16	Classroom Combination Drinking Fountain	7.1	Fail	<1	Remediation Action Plan
LW00645	In hallway across from room 15	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW00646	In classroom 19	Classroom Combination Sink	2.3	Pass	N/A	Testing Complete
LW00650	In classroom 18	Classroom Combination Sink	1.3	Pass	N/A	Testing Complete
LW00651	In classroom 18	Classroom Combination Drinking Fountain	1.3	Pass	N/A	Testing Complete
LW00655	In classroom 17	Classroom Combination Sink	3.9	Pass	N/A	Testing Complete
LW00657	In classroom 13	Classroom Combination Sink	1.6	Pass	N/A	Testing Complete
LW00659	In P13 trailer	Classroom Sink	<1	Pass	N/A	Testing Complete
LW00660	In P13 trailer	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW00661	In P12 trailer	Classroom Sink	<1	Pass	N/A	Testing Complete
LW00662	In P12 trailer	Drinking Fountain	<1	Pass	N/A	Testing Complete
M03536	In work room by media center	Classroom Sink	5.1	Fail	<1	Remediation Action Plan
M03577	In kitchen	Kitchen Sink	1.6	Pass	N/A	Testing Complete
M07063	In classroom 21	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07064	In classroom 21	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07066	In classroom 22	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07067	In classroom 22	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07070	In classroom 23	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07079	In classroom 24	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07080	In classroom 24	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07081	In classroom 25	Classroom Sink	<1	Pass	N/A	Testing Complete
M07083	In classroom 26	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07084	In classroom 26	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07085	In classroom 27	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07086	In classroom 27	Classroom Combination Drinking Fountain	2.2	Pass	N/A	Testing Complete
M07087	In classroom 28	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07088	In classroom 28	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07090	In classroom 29	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07091	In classroom 29	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07093	In classroom 30	Classroom Combination Sink	<1	Pass	N/A	Testing Complete

M07094	In classroom 30	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07096	In classroom K7	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07097	In classroom K7	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07099	In classroom K1	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07100	In classroom K1	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07102	In classroom K2	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07103	In classroom K2	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07105	In classroom K3	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07106	In classroom K3	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07108	In classroom K4	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07109	In classroom K4	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07111	In classroom K5	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07112	In classroom K5	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M07114	In classroom K6	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M07115	In classroom K6	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

KCI TECHNOLOGIES
ENGINEERS • PLANNERS • SCIENTISTS • CONSTRUCTION MANAGERS
936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

Montgomery County Public Schools Lead in Drinking Water
Post-Remediation Follow-Up Testing 2019

October 30, 2019

Executive Summary:
Gaithersburg Elementary School
35 N Summit Avenue
Gaithersburg, Maryland 20877

Round of Testing:	Post-Remediation Follow-up
Sample Date	2/4/2019 and 2/12/2019
# of Outlets Tested:	3
# of Outlets ≥ 5 ppb:	1
Low Value (ppb):	1.7
High Value (ppb):	5.1

Project Status

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

Classroom 10 - Outlet (LW00622) will be placed back into service
Classroom 14 - Outlet (LW00654) will be removed from service
Classroom 11 - Outlet (LW00620) will be placed back into service

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October 30, 2019

Mr. Brian Mullikin, MS
Environmental Team Leader
Montgomery County Public Schools
8301 Turkey Thicket Dr., Bldg A, 1st Floor
Gaithersburg, Maryland 20879

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

Location: Gaithersburg Elementary School
35 N Summit Avenue
Gaithersburg, Maryland 20877

Dear Mr. Mullikin:

KCI Technologies, Inc. (KCI) is pleased to submit the following report to the Montgomery County Public Schools (MCPS) for completion of the post-remediation follow-up lead in water testing at Gaithersburg Elementary School, located at 35 N Summit Avenue in Gaithersburg, Maryland 20877.

SCOPE OF SERVICES

Three drinking water outlets were remediated at Gaithersburg Elementary School due to initial lead levels that exceeded the lead action level of 5 parts per billion (ppb). KCI Technologies, Inc. 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.

KCI Technologies, Inc. visited the site on 2/4/2019 and 2/12/2019 to collect post-remediation follow-up samples from 3 drinking water outlets 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
LW00622	10	Classroom		Bubbler - Indoor	83.6	1.5	1.7	Pass	Post-remediation follow-up testing complete. Outlet will be placed back into service
LW00654	14	Classroom		Bubbler - Indoor	253	2.2	5.1	Fail	Post-remediation follow-up testing complete. Outlet will be removed from service
LW00620	11	Classroom		Bubbler - Indoor	1.1	N/A*	4	Pass	Post-remediation follow-up testing complete. Outlet will be placed back into service
***Fixture broken, could not be sampled and subsequently replaced**									

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. The Environmental Protection Agency (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.

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
KCI Job #1214634186

MONTGOMERY COUNTY PUBLIC SCHOOLS DRINKING WATER TESTING 2018

April 24, 2018

Executive Summary:
Gaithersburg Elementary School
35 N Summit Avenue
Gaithersburg, MD 20877

Round of Testing:	Initial
# of Outlets Tested:	96
# of Outlets ≥ 20 ppb:	2
Low Value (ppb):	< 1.0
High Value (ppb):	253
Follow-Up Testing Required (Samples ≥ 20 ppb):	Classroom 10 (83.6 ppb) Classroom 14 (253 ppb)

Round of Testing:	Follow-Up – 30 sec draw
# of Outlets Tested:	2

Project Status
Testing Complete: Remediation Plan

Classroom 10 – Replace fixture (LW00622), in addition to supply line and valve located under sink
Classroom 14– Replace fixture (LW00654), in addition to supply line and valve located under sink

April 24, 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: Gaithersburg Elementary School
35 N Summit Avenue
Gaithersburg, MD 20877

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 the initial and follow-up lead in water testing at Gaithersburg Elementary School, located at 35 North Summit Avenue in Gaithersburg, MD 20877.

Scope of Services:

PSI conducted lead in water testing at Gaithersburg ES 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 1/30/18 and 01/31/18 to collect initial samples from 96 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. Two 30 second follow-up samples were collected on 4/11/18.

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 two results of the initial 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)
LW00622	Bubbler – Classroom 10	1/31/2018	83.6	4/11/18	1.5
LW00654	Bubbler – Classroom 14	1/31/2018	253	4/11/18	2.2

The initial lead in water sample results (01/31/18) and 30 second follow up results (4/11/18) 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.

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

Attachments: A – Initial Lead in Water Test Summary Table

ATTACHMENT A

Gaithersburg ES Water Test Summary Table

Contractor: Professional Services Industries, Inc.
Certified Laboratory: Microbac Laboratories, Inc.

Initial Sample Results for Gaithersburg ES (1/31/18)

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW00601		Hallway	In Front Of Staff Lounge	Cooler	<1.0	Pass	Testing Complete
LW00602		Break Room		Faucet	2.3	Pass	Testing Complete
LW00603	2	Classroom		Bubbler - Indoor	6.8	Pass	Testing Complete
LW00604	2	Classroom		Faucet	1.9	Pass	Testing Complete
LW00605	4	Classroom		Bubbler - Indoor	2.8	Pass	Testing Complete
LW00606	4	Classroom		Faucet	2.9	Pass	Testing Complete
LW00607	1	Classroom		Faucet	2.4	Pass	Testing Complete
LW00608	1	Classroom		Bubbler - Indoor	3.8	Pass	Testing Complete
LW00609	3	Classroom		Bubbler - Indoor	2.6	Pass	Testing Complete
LW00610	3	Classroom		Faucet	3.6	Pass	Testing Complete
LW00611		Hallway	Next To Building Services	Cooler	<1.0	Pass	Testing Complete
LW00612		Music		Faucet	3.7	Pass	Testing Complete
LW00613		Music		Bubbler - Indoor	4.7	Pass	Testing Complete
LW00614		Hallway	In Front Of Gym	Cooler	<1.0	Pass	Testing Complete
LW00615	12A	Classroom		Faucet	2.3	Pass	Testing Complete
LW00616	12A	Classroom		Bubbler - Indoor	6.4	Pass	Testing Complete
LW00617	12B	Classroom		Bubbler - Indoor	11.0	Pass	Testing Complete
LW00618	12B	Classroom		Faucet	13.9	Pass	Testing Complete
LW00619	11	Classroom		Faucet	2.4	Pass	Testing Complete
LW00620	11	Classroom		Bubbler - Indoor	1.1	Pass	Testing Complete
LW00621	10	Classroom		Faucet	7.4	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW00622	10	Classroom		Bubbler - Indoor	83.6	Fail	Follow-Up Testing Needed
LW00623		Hallway	Across From Room 10	Cooler	<1.0	Pass	Testing Complete
LW00624	8	Classroom		Faucet	7.8	Pass	Testing Complete
LW00625	8	Classroom		Bubbler - Indoor	1.3	Pass	Testing Complete
LW00626	7	Classroom		Faucet	9.2	Pass	Testing Complete
LW00627	7	Classroom		Bubbler - Indoor	4.9	Pass	Testing Complete
LW00628	9	Classroom		Faucet	5.1	Pass	Testing Complete
LW00629	9	Classroom		Bubbler - Indoor	3.9	Pass	Testing Complete
LW00630	6	Classroom		Faucet	4.1	Pass	Testing Complete
LW00631	6	Classroom		Bubbler - Indoor	1.7	Pass	Testing Complete
LW00632	5	Classroom		Faucet	6.5	Pass	Testing Complete
LW00633	5	Classroom		Bubbler - Indoor	6.7	Pass	Testing Complete
LW00634		Work Room		Faucet	8.4	Pass	Testing Complete
LW00635		Kitchen		Faucet	5.5	Pass	Testing Complete
LW00636		Kitchen		Faucet	<1.0	Pass	Testing Complete
LW00637		Kitchen		Faucet	1.1	Pass	Testing Complete
LW00638		Health Room		Faucet	<1.0	Pass	Testing Complete
LW00639	B110	Wellness Center		Faucet	3.3	Pass	Testing Complete
LW00640	B111	Wellness Center		Faucet	<1.0	Pass	Testing Complete
LW00641	B112	Wellness Center		Faucet	<1.0	Pass	Testing Complete
LW00642		Hallway	In Front Of K-1	Cooler	<1.0	Pass	Testing Complete
LW00643	16	Classroom		Faucet	9.7	Pass	Testing Complete
LW00645		Hallway	Across From Room 15	Cooler	<1.0	Pass	Testing Complete
LW00646	19	Classroom		Faucet	4.9	Pass	Testing Complete
LW00647	19	Classroom		Bubbler - Indoor	6.6	Pass	Testing Complete
LW00648	15	Classroom		Faucet	6.2	Pass	Testing Complete
LW00649	15	Classroom		Bubbler - Indoor	6.6	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW00650	18	Classroom		Faucet	2.2	Pass	Testing Complete
LW00651	18	Classroom		Bubbler - Indoor	2.0	Pass	Testing Complete
LW00653	14	Classroom		Faucet	9.3	Pass	Testing Complete
LW00654	14	Classroom		Bubbler - Indoor	253	Fail	Follow-Up Testing Needed
LW00655	17	Classroom		Faucet	1.8	Pass	Testing Complete
LW00656	17	Classroom		Bubbler - Indoor	6.9	Pass	Testing Complete
LW00657	13	Classroom		Faucet	2.7	Pass	Testing Complete
LW00658	13	Classroom		Bubbler - Indoor	2.4	Pass	Testing Complete
LW00659	P13	Other (See Location Notes)	Linkages to Learning	Faucet	1.3	Pass	Testing Complete
LW00660	P13	Other (See Location Notes)	Linkages to Learning	Cooler	<1.0	Pass	Testing Complete
LW00661	P12	Other (See Location Notes)	Parent Resource Center	Faucet	<1.0	Pass	Testing Complete
LW00662	P12	Other (See Location Notes)	Parent Resource Center	Cooler	<1.0	Pass	Testing Complete
M03536		Work Room Media Center		Faucet	4.5	Pass	Testing Complete
M03577		Kitchen		Faucet	3.1	Pass	Testing Complete
M06078	20	Classroom		Faucet	5.2	Pass	Testing Complete
M06079	20	Classroom		Bubbler - Indoor	7.4	Pass	Testing Complete
M07063	21	Classroom		Faucet	<1.0	Pass	Testing Complete
M07064	21	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07066	22	Classroom		Faucet	<1.0	Pass	Testing Complete
M07067	22	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07070	23	Classroom		Faucet	<1.0	Pass	Testing Complete
M07071	23	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07079	24	Classroom		Faucet	<1.0	Pass	Testing Complete
M07081	25	Classroom		Faucet	<1.0	Pass	Testing Complete
M07083	26	Classroom		Faucet	1.6	Pass	Testing Complete
M07084	26	Classroom		Bubbler - Indoor	3.1	Pass	Testing Complete
M07085	27	Classroom		Faucet	1.8	Pass	Testing Complete
M07086	27	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
M07087	28	Classroom		Faucet	<1.0	Pass	Testing Complete
M07088	28	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07090	29	Classroom	Art Room	Faucet	<1.0	Pass	Testing Complete
M07091	29	Classroom	Art Room	Bubbler - Indoor	<1.0	Pass	Testing Complete
M07093	30	Classroom		Faucet	1.3	Pass	Testing Complete
M07094	30	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07096	PRE K	Classroom		Faucet	<1.0	Pass	Testing Complete
M07097	PRE K	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07099	K1	Classroom		Faucet	<1.0	Pass	Testing Complete
M07100	K1	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07102	K2	Classroom		Faucet	<1.0	Pass	Testing Complete
M07103	K2	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07105	K3	Classroom		Faucet	<1.0	Pass	Testing Complete
M07106	K3	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07108	K4	Classroom		Faucet	1.3	Pass	Testing Complete
M07109	K4	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07111	K5	Classroom		Faucet	<1.0	Pass	Testing Complete
M07112	K5	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M07114	K6	Classroom		Faucet	<1.0	Pass	Testing Complete
M07115	K6	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

*ppb = parts per billion

Contractor: Professional Services Industries, Inc.
Certified Laboratory: Microbac Laboratories, Inc.

Follow Up Sample Results for Gaithersburg ES (4/11/18)

Barcode ID	Room Number	Location	Equipment Type	Initial draw (2nd) (PPB)	Initial draw (3rd) (PPB)	30 Second Draw (PPB)	Status
LW00622	10	Classroom	Bubbler - Indoor	7.7	5.2	1.5	Remediation required – replace fixture, in addition to supply line and valve located under sink
LW00654	14	Classroom	Bubbler - Indoor	38.9	13.9	2.2	Remediation required – replace fixture, in addition to supply line and valve located under sink

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.