

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Burning Tree Elementary School
7900 Beech Tree Rd.
Bethesda, MD 20817**

Report Date: November 26, 2024

LEAD IN DRINKING WATER SAMPLE RESULTS SUMMARY

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations (COMAR). Montgomery County Public Schools (MCPS) is required to remediate outlets where lead in drinking water concentrations exceed the State Action Level (AL) of 5 parts per billion (ppb). A summary of the lead in water initial samples collected by KCI Technologies Inc. is presented in the table below.

Sampling Date	10/23/2024
# of Outlets Tested	35
# of Outlets \geq 5 ppb	12

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 Burning Tree ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
LW09312	In Kitchen	Commercial Kitchen Kettle, Cold	5.3	Fail	Remediation Action Plan
LW09313	In Kitchen	Commercial Kitchen Kettle, Cold	6.6	Fail	Remediation Action Plan
LW09314	In Hallway Adjacent to All Purpose Room	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW09315	In Hallway Outside of Gym	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW09316	In Hallway Outside of Gym	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW09318	In Classroom 4	Combination Sink - Fountain - Bubblers	6.2	Fail	Remediation Action Plan
LW09320	In Classroom 3	Combination Sink - Fountain - Bubblers	3.5	Pass	Testing Complete
LW09321	In Staff Lounge	Faucet, Cold	<1.0	Pass	Testing Complete
LW09323	In Nurse's Office	Faucet, Cold	1.4	Pass	Testing Complete
LW09325	In Classroom 8	Combination Sink - Fountain - Bubblers	12.6	Fail	Remediation Action Plan
LW09328	In Classroom 5	Combination Sink - Fountain - Bubblers	6.4	Fail	Remediation Action Plan
LW09329	In Media Center Office	Faucet, Cold	5.3	Fail	Remediation Action Plan
LW09330	In SDT Office	Combination Sink - Fountain - Bubblers	3.0	Pass	Testing Complete
LW09331	In SDT Office	Combination Sink - Fountain - Bubblers	6.5	Fail	Remediation Action Plan
LW09335	In Classroom 11	Combination Sink - Fountain - Bubblers	1.5	Pass	Testing Complete
LW09337	In Classroom 9	Combination Sink - Fountain - Bubblers	1.8	Pass	Testing Complete
LW09338	In Resource Center Left of Room 12	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	2.4	Pass	Testing Complete
LW09339	In Hallway Adjacent to Reading Room	Bottle Filler/Drinking Fountain Combo Unit - Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW09343	In Classroom 17	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09344	In Classroom 17A - Music	Combination Sink - Fountain - Bubblers	<1.0	Pass	Testing Complete
LW09346	In Hallway Left of Classroom 20	Drinking Water Fountain - Cooler/Chiller Style (Refrigerated)	<1.0	Pass	Testing Complete
LW10968	In Hallway Outside of Gym	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW12967	In Hallway Adjacent to All Purpose Room	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
LW12968	In Hallway Adjacent to Reading Room	Bottle Filler/Drinking Fountain Combo Unit - Bottle Filler	<1.0	Pass	Testing Complete
M35539	In Kitchen	Faucet, Cold	1.2	Pass	Testing Complete
M35540	In Kitchen	Commercial Kitchen Kettle, Cold	<1.0	Pass	Testing Complete
M35673	In Office Work Room	Faucet, Cold	4.9	Pass	Testing Complete
M38129	In Classroom 2	Combination Sink - Fountain - Bubblers	6.1	Fail	Remediation Action Plan
M38138	In Classroom 6	Combination Sink - Fountain - Bubblers	2.3	Pass	Testing Complete
M38142	In Classroom 12	Combination Sink - Fountain - Bubblers	7.2	Fail	Remediation Action Plan

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M38146	In Classroom 14	Combination Sink - Fountain - Bubblers	2.4	Pass	Testing Complete
M38150	In Classroom 10	Combination Sink - Fountain - Bubblers	5.1	Fail	Remediation Action Plan
M38156	In Classroom 13	Combination Sink - Fountain - Bubblers	7.2	Fail	Remediation Action Plan
M38167	In LC Coordinator Office	Faucet, Cold	11.2	Fail	Remediation Action Plan
M38188	In Classroom 18	Combination Sink - Fountain - Bubblers	2.2	Pass	Testing Complete

Montgomery County Public Schools Lead in Drinking Water Testing Report

**Burning Tree Elementary School
7900 Beech Tree Road
Bethesda, MD 20817**

Report Date: February 23rd, 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	12/03/2021
# of Outlets Tested	53
# of Outlets \geq 5 ppb	14

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

Sampling Results for Burning Tree ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW09321	In break room	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M38121	In classroom 1	Classroom Combination Sink	5.1	Fail	2.5	Testing Complete
M38149	In classroom 10	Classroom Combination Sink	5.0	Fail	1.9	Testing Complete
M38150	In classroom 10	Classroom Combination Drinking Fountain	7.8	Fail	58	Testing Complete
LW09335	In classroom 11	Classroom Combination Drinking Fountain	3.2	Pass	N/A	Testing Complete
LW09334	In classroom 11	Classroom Combination Sink	4.2	Pass	N/A	Testing Complete
M38142	In classroom 12	Classroom Combination Drinking Fountain	5.8	Fail	82.5	Testing Complete
M38146	In classroom 14	Classroom Combination Drinking Fountain	31.0	Fail	54.1	Testing Complete
LW09342	In classroom 14	Classroom Combination Sink	4.6	Pass	N/A	Testing Complete
M38158	In classroom 15	Classroom Combination Drinking Fountain	3.1	Pass	N/A	Testing Complete
LW09340	In classroom 16	Classroom Combination Sink	2.4	Pass	N/A	Testing Complete
LW09341	In classroom 16	Classroom Combination Drinking Fountain	2.5	Pass	N/A	Testing Complete
LW09343	In classroom 17	Classroom Combination Drinking Fountain	2.2	Pass	N/A	Testing Complete
M38168	In classroom 17	Classroom Combination Sink	2.4	Pass	N/A	Testing Complete
M38129	In classroom 2	Classroom Combination Drinking Fountain	3.6	Pass	N/A	Testing Complete
LW09319	In classroom 3	Classroom Combination Sink	10.5	Fail	<1	Testing Complete
LW09320	In classroom 3	Classroom Combination Drinking Fountain	5.1	Fail	29.8	Testing Complete
LW09317	In classroom 4	Classroom Combination Sink	12.4	Fail	1.4	Testing Complete
LW09318	In classroom 4	Classroom Combination Drinking Fountain	6.3	Fail	<1	Testing Complete
LW09328	In classroom 5	Classroom Combination Drinking Fountain	2.5	Pass	N/A	Testing Complete
LW09327	In classroom 5	Classroom Combination Sink	4.3	Pass	N/A	Testing Complete
M38138	In classroom 6	Classroom Combination Drinking Fountain	8.9	Fail	11.5	Testing Complete
LW09326	In classroom 7	Classroom Combination Drinking Fountain	3.4	Pass	N/A	Testing Complete
M38133	In classroom 7	Classroom Combination Sink	5.4	Fail	2.0	Testing Complete
M38139	In classroom 8	Classroom Combination Sink	4.9	Pass	N/A	Testing Complete
LW09325	In classroom 8	Classroom Combination Drinking Fountain	8.3	Fail	97	Testing Complete
LW09336	In classroom 9	Classroom Combination Sink	3.0	Pass	N/A	Testing Complete
LW09337	In classroom 9	Classroom Combination Drinking Fountain	4.0	Pass	N/A	Testing Complete
LW09324	In conference room by administration	Teacher's Lounge Sink	3.8	Pass	N/A	Testing Complete
LW09332	In counselor room	Classroom Combination Sink	2.5	Pass	N/A	Testing Complete

LW09331	In ESOL room	Classroom Combination Drinking Fountain	4.1	Pass	N/A	Testing Complete
LW09314	In hallway adjacent to all purpose room	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09339	In hallway adjacent to reading room	Drinking Fountain	1.2	Pass	N/A	Testing Complete
LW10968	In hallway by gymnasium	Bottle Filler	<1	Pass	N/A	Testing Complete
LW09346	In hallway left of CR 20	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09315	In hallway outside of gym	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09316	In hallway outside of gym	Drinking Fountain	<1	Pass	N/A	Testing Complete
LW09323	In health room by administration	Nurses Office Sink	1.2	Pass	N/A	Testing Complete
LW09347	In kindergarten 18	Classroom Combination Sink	3.5	Pass	N/A	Testing Complete
LW09349	In kindergarten 19	Classroom Combination Drinking Fountain	4.0	Pass	N/A	Testing Complete
M38185	In kindergarten 20	Classroom Combination Drinking Fountain	2.9	Pass	N/A	Testing Complete
LW09351	In kindergarten 21	Classroom Combination Drinking Fountain	2.5	Pass	N/A	Testing Complete
M38188	In kindergarten K 18	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M35540	In kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
M35539	In kitchen	Kitchen Sink	3.1	Pass	N/A	Testing Complete
LW09312	In kitchen	Kitchen Sink	3.3	Pass	N/A	Testing Complete
LW09313	In kitchen	Kitchen Sink	6.6	Fail	1.7	Testing Complete
LW09329	In media center office	Teacher's Lounge Sink	2.7	Pass	N/A	Testing Complete
LW09344	In music 17A	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
LW09345	In music 17A	Classroom Combination Drinking Fountain	1.1	Pass	N/A	Testing Complete
LW09333	In reading room	Classroom Combination Drinking Fountain	2.8	Pass	N/A	Testing Complete
LW09338	In resource center left of room 12	Drinking Fountain	1.4	Pass	N/A	Testing Complete
M35673	In work room by administration	Teacher's Lounge Sink	14.1	Fail	1.2	Testing Complete



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

August 30, 2019

Executive Summary:

Burning Tree Elementary School

7900 Beach Tree Road

Bethesda, Maryland 20817

Round of Testing:	Post-Remediation Follow-up
Sample Date	1/23/19
# of Outlets Tested:	2
# of Outlets ≥ 5 ppb:	0
Low Value (ppb):	<1.0
High Value (ppb):	4.7

Project Status

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

Kitchen All Purpose Room - Outlet (M35540) will be placed back into service

Work Room Administration - Outlet (M35673) will be placed back into service



August 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: Burning Tree Elementary School

7900 Beach Tree Road
Bethesda, Maryland 20817

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 Burning Tree Elementary School, located at 7900 Beach Tree Road in Bethesda, Maryland 20817.

SCOPE OF SERVICES

Two drinking water outlets were remediated at Burning Tree 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 1/22/19 and 1/23/19 to collect post-remediation follow-up samples from 2 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
M35540		Kitchen All Purpose Room		Faucet	35.2	<1.0	<1.0	Pass	Post-remediation follow-up testing complete. Outlet will be placed back into service
M35673		Work Room Administration		Faucet	22.8	1.5	4.7	Pass	Post-remediation follow-up testing complete. Outlet will be placed back into service

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

June 12, 2018

Executive Summary:
Burning Tree Elementary School
7900 Beech Tree Road,
Bethesda, MD 20817

Round of Testing:	Initial
# of Outlets Tested:	65
# of Outlets \geq 20 ppb:	2
Low Value (ppb):	< 1.0
High Value (ppb):	35.2
Follow-Up Testing Required (Samples \geq 20 ppb):	Kitchen (35.2 ppb) Administration Workroom (22.8)

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

Project Status
Testing Complete: Remediation Plan

Kitchen– Replace fixture (M35540), in addition to supply line and valve located under sink
Administration Workroom – Replace fixture (M35673), in addition to supply line and valve located under sink



June 12, 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: Burning Tree Elementary School
7900 Beech Tree Road,
Bethesda, MD 20817

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 Burning Tree Elementary School, located 7900 Beech Tree Road, Bethesda, MD 20817.

Scope of Services:

PSI conducted lead in water testing at Burning Tree 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 4/24/18 and 4/25/18 to collect samples from 65 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 sample were collected on 6/6/18.

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)
M35540	Kitchen	4/25/18	35.2	6/6/18	<1.0
M35673	Administration Workroom	4/25/18	22.8	6/6/18	1.5

*ppb = parts per billion

The initial lead in water sample results (4/25/18) and 30 second follow up results (6/6/18) 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 – Lead in Water Test Summary Table

ATTACHMENT A

Burning Tree Elementary School Water Test Summary Table

Contractor: Professional Services Industries, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Initial Sample Results for Burning Tree Elementary School (4/25/18)

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW09312		Kitchen All Purpose Room		Faucet	<1.0	Pass	Testing Complete
LW09313		Kitchen All Purpose Room		Faucet	2.5	Pass	Testing Complete
LW09314		Hallway	In Front of All Purpose Room	Cooler	<1.0	Pass	Testing Complete
LW09315		Hallway	Outside of Gym	Cooler	<1.0	Pass	Testing Complete
LW09316		Hallway	Outside of Gym	Cooler	<1.0	Pass	Testing Complete
LW09317	4	Classroom		Faucet	4.4	Pass	Testing Complete
LW09318	4	Classroom		Bubbler - Indoor	1.1	Pass	Testing Complete
LW09319	3	Classroom		Faucet	2.0	Pass	Testing Complete
LW09320	3	Classroom		Bubbler - Indoor	2.0	Pass	Testing Complete
LW09321		Break Room		Faucet	<1.0	Pass	Testing Complete
LW09323		Health Room Administration		Faucet	1.0	Pass	Testing Complete
LW09324		Conference Room Administration		Faucet	4.1	Pass	Testing Complete
LW09325	8	Classroom		Bubbler - Indoor	1.6	Pass	Testing Complete
LW09326	7	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW09327	5	Classroom		Faucet	3.2	Pass	Testing Complete
LW09328	5	Classroom		Bubbler - Indoor	3.3	Pass	Testing Complete
LW09329		Media Center Office Media Center		Faucet	3.1	Pass	Testing Complete
LW09330		ESOL		Faucet	8.5	Pass	Testing Complete
LW09331		ESOL		Bubbler - Indoor	11.4	Pass	Testing Complete
LW09332		Reading		Faucet	7.2	Pass	Testing Complete
LW09333		Reading		Bubbler - Indoor	3.6	Pass	Testing Complete
LW09334	11	Classroom		Faucet	3.1	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
LW09335	11	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW09336	9	Classroom		Faucet	3.7	Pass	Testing Complete
LW09337	9	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW09338		Resource Center	Left of Room 12	Cooler	<1.0	Pass	Testing Complete
LW09339		Hallway	Across from Reading Center	Cooler	<1.0	Pass	Testing Complete
LW09340	16	Classroom		Faucet	4.3	Pass	Testing Complete
LW09341	16	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW09342	14	Classroom		Faucet	3.2	Pass	Testing Complete
LW09343	17	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW09344	17A	Music		Faucet	<1.0	Pass	Testing Complete
LW09345	17A	Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW09346		Hallway	Left of Classroom 20	Cooler	<1.0	Pass	Testing Complete
LW09347	18	Kindergarten		Faucet	1.7	Pass	Testing Complete
LW09348	20	Kindergarten		Faucet	18.7	Pass	Testing Complete
LW09349	19	Kindergarten		Bubbler - Indoor	<1.0	Pass	Testing Complete
LW09350	21	Kindergarten		Faucet	5.3	Pass	Testing Complete
LW09351	21	Kindergarten		Bubbler - Indoor	1.6	Pass	Testing Complete
M35539		Kitchen for All Purpose Room		Faucet	2.9	Pass	Testing Complete
M35540		Kitchen for All Purpose Room		Faucet	35.2	Fail	Follow-Up Testing Needed
M35673		Work Room Administration		Faucet	22.8	Fail	Follow-Up Testing Needed
M38121	1	Classroom		Faucet	3.3	Pass	Testing Complete
M38122	1	Classroom		Bubbler - Indoor	2.4	Pass	Testing Complete
M38127	2	Classroom		Faucet	5.6	Pass	Testing Complete
M38129	2	Classroom		Bubbler - Indoor	2.0	Pass	Testing Complete
M38133	7	Classroom		Faucet	2.0	Pass	Testing Complete
M38137	6	Classroom		Faucet	5.0	Pass	Testing Complete
M38138	6	Classroom		Bubbler - Indoor	2.3	Pass	Testing Complete
M38139	8	Classroom		Faucet	3.9	Pass	Testing Complete

Barcode ID	Room Number	Location	Location Notes	Equipment Type	Result (PPB)*	Pass/Fail	Status
M38141	12	Classroom		Faucet	6.6	Pass	Testing Complete
M38142	12	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M38146	14	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M38149	10	Classroom		Faucet	2.3	Pass	Testing Complete
M38150	10	Classroom		Bubbler - Indoor	1.0	Pass	Testing Complete
M38155	13	Classroom		Faucet	1.9	Pass	Testing Complete
M38156	13	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M38157	15	Classroom		Faucet	6.8	Pass	Testing Complete
M38158	15	Classroom		Bubbler - Indoor	1.9	Pass	Testing Complete
M38166		Band	1st Floor	Faucet	7.4	Pass	Testing Complete
M38167		Language Office	Reading Lang of Art	Faucet	4.2	Pass	Testing Complete
M38168	17	Classroom		Faucet	3.9	Pass	Testing Complete
M38178	19	Kindergarten		Faucet	9.0	Pass	Testing Complete
M38185	20	Kindergarten		Bubbler - Indoor	4.0	Pass	Testing Complete
M38188	K 18	Kindergarten		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 Burning Tree Elementary School (6/6/18)

Barcode ID	Room Number	Location	Equipment Type	Initial draw (2 nd) (PPB)	30 Second Draw (PPB)	Status
M35540		Kitchen for All Purpose Room	Faucet	4.9	<1.0	Remediation required – replace fixture, in addition to supply line and valve located under sink
M35673		Administration Workroom	Faucet	11.9	1.5	Remediation required – replace fixture, in addition to supply line and valve located under sink

*ppb = parts per billion
ND = Non Detect

Note: Fixture(s) with elevated test results were immediately removed from service. Subsequent 2nd 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.