

Montgomery County Public Schools Lead in Drinking Water Testing Report

Rock Creek Forest Elementary School
8330 Grubb Rd.
Chevy Chase, MD 20815

Report Date: May 6th, 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	4/17/2024
# of Outlets Tested	95
# of Outlets \geq 5 ppb	0

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 Rock Creek Forest ES

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32546	In classroom 156	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32924	In all purpose room 158	Bottle Refill Dispenser/Water Refill Station	<2.0	Pass	Testing Complete
M32489	In classroom 230	Faucet, Cold	<2.0	Pass	Testing Complete
M32494	In classroom 247	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32495	In classroom 232	Faucet, Cold	<2.0	Pass	Testing Complete
M32496	In classroom 232	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32497	In classroom 251	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32498	In classroom 251	Faucet, Cold	<2.0	Pass	Testing Complete
M32499	In classroom 236	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32500	In classroom 236	Faucet, Cold	<2.0	Pass	Testing Complete
M32501	In classroom 132	Faucet, Cold	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32502	In classroom 132	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32504	In classroom 143	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32505	In classroom 143	Faucet, Cold	<2.0	Pass	Testing Complete
M32508	In classroom 128	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32510	In classroom 139	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32511	In classroom 139	Faucet, Cold	<2.0	Pass	Testing Complete
M32514	In office 137	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32515	In office 133	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32516	In office 133	Faucet, Cold	<2.0	Pass	Testing Complete
M32518	In classroom 122	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32520	In classroom 131	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32524	In classroom 118	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32526	In classroom 127	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32534	In break room 119	Faucet, Cold	<2.0	Pass	Testing Complete
M32535	In work room 110	Faucet, Cold	<2.0	Pass	Testing Complete
M32538	In health 102 by health	Faucet, Cold	<2.0	Pass	Testing Complete
M32539	In health 102A	Faucet, Cold	<2.0	Pass	Testing Complete
M32544	In office 105A by media center	Faucet, Cold	<2.0	Pass	Testing Complete
M32560	In music 157 by music	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32568	In kitchen by kitchen	Faucet, Cold	<2.0	Pass	Testing Complete
M32569	In kitchen by kitchen	Faucet, Cold	<2.0	Pass	Testing Complete
M32570	In kitchen by kitchen	Faucet, Cold	<2.0	Pass	Testing Complete
M32572	In kitchenette 158A by all purpose room	Faucet, Cold	<2.0	Pass	Testing Complete
M32576	In hallway across from CR 005	Drinking Water Fountain - Cooler/Chiller Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32577	In hallway across from CR 005	Drinking Water Fountain - Cooler/Chiller Style	<2.0	Pass	Testing Complete
M32578	In classroom 11	Faucet, Cold	<2.0	Pass	Testing Complete
M32579	In classroom 11	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32580	In classroom 8	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32581	In classroom 8	Faucet, Cold	<2.0	Pass	Testing Complete
M32584	In classroom 15	Faucet, Cold	<2.0	Pass	Testing Complete
M32585	In classroom 12	Faucet, Cold	<2.0	Pass	Testing Complete
M32586	In classroom 12	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32588	In classroom 12	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32589	In classroom 12	Faucet, Cold	<2.0	Pass	Testing Complete
M32596	In classroom 25	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32597	In classroom 25	Faucet, Cold	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32598	In classroom 18	Faucet, Cold	<2.0	Pass	Testing Complete
M32599	In classroom 18	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32604	In classroom 31	Faucet, Cold	<2.0	Pass	Testing Complete
M32605	In classroom 31	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32606	In classroom 22	Faucet, Cold	<2.0	Pass	Testing Complete
M32607	In classroom 22	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32610	In classroom 35	Faucet, Cold	<2.0	Pass	Testing Complete
M32611	In classroom 35	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32923	In all purpose room 158	Drinking Water Fountain - Cooler/Chiller Style	<2.0	Pass	Testing Complete
LW04043	In classroom 21	Faucet, Cold	<2.0	Pass	Testing Complete
M32446	In classroom 200	Faucet, Cold	<2.0	Pass	Testing Complete
M32447	In classroom 200	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32448	In classroom 202	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32449	In classroom 202	Faucet, Cold	<2.0	Pass	Testing Complete
M32450	In classroom 206	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32451	In classroom 206	Faucet, Cold	<2.0	Pass	Testing Complete
M32452	In classroom 208	Faucet, Cold	<2.0	Pass	Testing Complete
M32453	In classroom 208	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32454	In classroom 212	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32455	In classroom 212	Faucet, Cold	<2.0	Pass	Testing Complete
M32456	In classroom 215	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32457	In classroom 215	Faucet, Cold	<2.0	Pass	Testing Complete
M32461	In classroom 219	Faucet, Cold	<2.0	Pass	Testing Complete
M32462	In classroom 219	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32463	In classroom 214	Faucet, Cold	<2.0	Pass	Testing Complete
M32464	In classroom 214	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32465	In classroom 223	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32466	In classroom 223	Faucet, Cold	<2.0	Pass	Testing Complete
M32467	In hallway next to CR 220 & across from BBR 225	Drinking Water Fountain - Cooler/Chiller Style	<2.0	Pass	Testing Complete
M32468	In hallway next to CR 220 & across from BBR 225	Drinking Water Fountain - Cooler/Chiller Style	<2.0	Pass	Testing Complete
M32472	In classroom 220	Faucet, Cold	<2.0	Pass	Testing Complete
M32473	In classroom 220	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32474	In classroom 227	Faucet, Cold	<2.0	Pass	Testing Complete
M32475	In classroom 227	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32476	In classroom 231	Drinking Water fountain - Bubblers Style	<2.0	Pass	Testing Complete
M32477	In classroom 231	Faucet, Cold	<2.0	Pass	Testing Complete

Outlet Barcode	Outlet Location	Outlet Type	Initial Results (ppb)	Pass/Fail	Status
M32478	In classroom 224	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32479	In classroom 224	Faucet, Cold	<2.0	Pass	Testing Complete
M32482	In classroom 239	Faucet, Cold	<2.0	Pass	Testing Complete
M32483	In classroom 239	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32484	In classroom 226	Faucet, Cold	<2.0	Pass	Testing Complete
M32485	In classroom 226	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32486	In classroom 243	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
M32487	In classroom 243	Faucet, Cold	<2.0	Pass	Testing Complete
M32488	In classroom 230	Drinking Water fountain - Bubbler Style	<2.0	Pass	Testing Complete
LW13208	In Hallway next to Gym	Bottle Refill Dispenser/Water Refill Station	<2.0	Pass	Testing Complete
LW13209	In Hallway next to Gym	Drinking Water Fountain - Cooler/Chiller Style	<2.0	Pass	Testing Complete
LW13214	In Hallway next to Classroom 125	Drinking Water Fountain - Cooler/Chiller Style	<2.0	Pass	Testing Complete

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Rock Creek Forest Elementary School
8330 Grubb Road
Chevy Chase, MD 20815

Report Date: November 30, 2021

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Sampling Date	10/20/2021
# of Outlets Tested	104
# of Outlets \geq 5 ppb	0

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

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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

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Lead in Water Sample Results Table

Sampling Results for Rock Creek Forest ES

Fixture Barcode	Fixture Location	Fixture Type	Initial Results (ppb)	Pass/Fail	Follow up Results (ppb)	Status
LW04043	In classroom 21	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32446	In classroom 200	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32447	In classroom 200	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32448	In classroom 202	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32449	In classroom 202	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32450	In classroom 206	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32451	In classroom 206	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32452	In classroom 208	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32453	In classroom 208	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32454	In classroom 212	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32455	In classroom 212	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32456	In classroom 215	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32457	In classroom 215	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32461	In classroom 219	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32462	In classroom 219	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32463	In classroom 214	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32464	In classroom 214	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32465	In classroom 223	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32465	In classroom 223	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32466	In classroom 223	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32467	In hallway next to CR 220 & across from BBR 225	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32468	In hallway next to CR 220 & across from BBR 225	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32472	In classroom 220	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32473	In classroom 220	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32474	In classroom 227	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32475	In classroom 227	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32476	In classroom 231	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32477	In classroom 231	Teacher's Lounge Sink	3.0	Pass	N/A	Testing Complete
M32478	In classroom 224	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32479	In classroom 224	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete

M32482	In classroom 239	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32483	In classroom 239	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32484	In classroom 226	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32485	In classroom 226	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32486	In classroom 243	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32487	In classroom 243	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32488	In classroom 230	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32489	In classroom 230	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32493	In classroom 247	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32494	In classroom 247	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32495	In classroom 232	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32496	In classroom 232	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32497	In classroom 251	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32498	In classroom 251	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32499	In classroom 236	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32500	In classroom 236	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32501	In classroom 132	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32502	In classroom 132	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32504	In classroom 143	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32505	In classroom 143	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32507	In classroom 128	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32508	In classroom 128	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32510	In classroom 139	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32511	In classroom 139	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32513	In office 137	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32514	In office 137	Classroom Combination Drinking Fountain	1.6	Pass	N/A	Testing Complete
M32515	In office 133	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32516	In office 133	Teacher's Lounge Sink	1.9	Pass	N/A	Testing Complete
M32517	In classroom 122	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32518	In classroom 122	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32520	In classroom 131	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32521	In classroom 131	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32524	In classroom 118	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32526	In classroom 127	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

M32527	In classroom 127	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32534	In break room 119	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M32535	In work room 110	Teachers Lounge Sink	<1	Pass	N/A	Testing Complete
M32538	In health 102 by health	Nurses Office Sink	<1	Pass	N/A	Testing Complete
M32539	In health 102A	Nurses Office Sink	1.3	Pass	N/A	Testing Complete
M32544	In office 105A by media center	Teacher's Lounge Sink	1.1	Pass	N/A	Testing Complete
M32545	In classroom 156	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32546	In classroom 156	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32547	In classroom 156	Classroom Sink	<1	Pass	N/A	Testing Complete
M32552	In music 153 by music	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32559	In music 157 by music	Classroom Combination Sink	<1	Pass	N/A	Testing Complete
M32560	In music 157 by music	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32568	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
M32569	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
M32570	In kitchen by kitchen	Kitchen Sink	<1	Pass	N/A	Testing Complete
M32572	In kitchenette 158A by all purpose room	Kitchen Sink	<1	Pass	N/A	Testing Complete
M32574	In classroom 5	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32576	In hallway across from CR 005	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32577	In hallway across from CR 005	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32578	In classroom 11	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32579	In classroom 11	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32580	In classroom 8	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32581	In classroom 8	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32584	In classroom 15	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32585	In classroom 12	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32586	In classroom 12	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32588	In classroom 12	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32589	In classroom 12	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32596	In classroom 25	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32597	In classroom 25	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32598	In classroom 18	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32599	In classroom 18	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32604	In classroom 31	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32605	In classroom 31	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete

M32606	In classroom 22	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32607	In classroom 22	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32610	In classroom 35	Teacher's Lounge Sink	<1	Pass	N/A	Testing Complete
M32611	In classroom 35	Classroom Combination Drinking Fountain	<1	Pass	N/A	Testing Complete
M32923	In all purpose room 158	Drinking Fountain	<1	Pass	N/A	Testing Complete
M32924	In all purpose room 158	Bottle Filler	<1	Pass	N/A	Testing Complete



Montgomery County Public Schools Lead in Drinking Water Testing 2018

June 27, 2018

Executive Summary:

Rock Creek Forest Elementary School

8330 Grubb Road

Chevy Chase, Maryland 20815

Round of Testing:	Initial
# of Outlets Tested:	111
# of Outlets ≥ 20 ppb:	0
Low Value (ppb):	<1.0
High Value (ppb):	2.2

Project Status:

Testing Complete: All results less than 20 ppb.



June 27, 2018

Mr. Brian Mullikin, MS
Environmental Team Leader
Montgomery County Public Schools
Division of Maintenance
Gaithersburg, Maryland 20879

Re: Drinking Water Testing

KCI Job #1214634193

Location: Rock Creek Forest Elementary School

8330 Grubb Road
Chevy Chase, Maryland 20815

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 lead in water testing at Rock Creek Forest Elementary School, located at 8330 Grubb Road in Chevy Chase, Maryland 20815.

SCOPE OF SERVICES

KCI conducted lead in water testing at Rock Creek Forest Elementary School in accordance with the Environmental Protection Agency (EPA) and Maryland House Bill (HB) 270. State regulation established an action level of 20 parts per billion (ppb) to evaluate lead levels in school buildings, a concentration EPA recommends that schools take action to reduce lead below this action level. Maryland requires periodic testing for the presence of lead in drinking water in occupied public and nonpublic school buildings. EPA developed the 3T's (Training, Testing, and Telling) to assist schools in reducing the lead concentrations in their drinking water. More information about 3T's can be found on the EPA website.

KCI visited the site on 5/3/2018 and 5/4/2018 to collect samples from 111 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 are no results of the lead in water analysis at or above 20 parts per billion (ppb). The lead in water sample results for sample collection date 5/4/2018 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

Attachment:

A- Lead in Water Test Summary Table

ATTACHMENT A

Lead in Water Test Summary Table

ATTACHMENT A

Lead in Water Test Summary Table

Contractor: KCI Technologies, Inc.

Certified Laboratory: Microbac Laboratories, Inc.

Sample Results for Rock Creek Forest Elementary School

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
LW04042	161	Art		Faucet	<1.0	Pass	Testing Complete
LW04043	21	Classroom		Faucet	<1.0	Pass	Testing Complete
M32446	200	Classroom		Faucet	<1.0	Pass	Testing Complete
M32447	200	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32448	202	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32449	202	Classroom		Faucet	<1.0	Pass	Testing Complete
M32450	206	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32451	206	Classroom		Faucet	<1.0	Pass	Testing Complete
M32452	208	Classroom		Faucet	<1.0	Pass	Testing Complete
M32453	208	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32454	212	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32455	212	Classroom		Faucet	<1.0	Pass	Testing Complete
M32456	215	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32457	215	Classroom		Faucet	<1.0	Pass	Testing Complete
M32461	219	Classroom		Faucet	<1.0	Pass	Testing Complete
M32462	219	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32463	214	Classroom		Faucet	<1.0	Pass	Testing Complete
M32464	214	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32465	223	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32466	223	Classroom		Faucet	<1.0	Pass	Testing Complete
M32467		Hallway	Next to CR 220 & Across from BBR 225	Cooler	<1.0	Pass	Testing Complete
M32468		Hallway	Next to CR 220 & Across from BBR 225	Cooler	<1.0	Pass	Testing Complete
M32472	220	Classroom		Faucet	<1.0	Pass	Testing Complete
M32473	220	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32474	227	Classroom		Faucet	<1.0	Pass	Testing Complete
M32475	227	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32476	231	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M32477	231	Classroom		Faucet	<1.0	Pass	Testing Complete
M32478	224	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32479	224	Classroom		Faucet	<1.0	Pass	Testing Complete
M32482	239	Classroom		Faucet	<1.0	Pass	Testing Complete
M32483	239	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32486	243	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32487	243	Classroom		Faucet	2.2	Pass	Testing Complete
M32488	230	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32489	230	Classroom		Faucet	<1.0	Pass	Testing Complete
M32493	247	Classroom		Faucet	<1.0	Pass	Testing Complete
M32494	247	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32495	232	Classroom		Faucet	<1.0	Pass	Testing Complete
M32496	232	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32497	251	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32498	251	Classroom		Faucet	<1.0	Pass	Testing Complete
M32499	236	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32500	236	Classroom		Faucet	1.3	Pass	Testing Complete
M32501	132	Classroom		Faucet	<1.0	Pass	Testing Complete
M32502	132	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32504	143	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32505	143	Classroom		Faucet	<1.0	Pass	Testing Complete
M32507	128	Classroom		Faucet	<1.0	Pass	Testing Complete
M32508	128	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32510	139	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32511	139	Classroom		Faucet	<1.0	Pass	Testing Complete
M32513	137	Office		Faucet	1.9	Pass	Testing Complete
M32514	137	Office		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32515	133	Office		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32516	133	Office		Faucet	1.4	Pass	Testing Complete
M32517	122	Classroom		Faucet	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M32518	122	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32520	131	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32521	131	Classroom		Faucet	<1.0	Pass	Testing Complete
M32526	127	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32527	127	Classroom		Faucet	<1.0	Pass	Testing Complete
M32529		Hallway	Across from Rm 125	Cooler	<1.0	Pass	Testing Complete
M32530		Hallway	Across from Rm 125	Cooler	<1.0	Pass	Testing Complete
M32534	119	Break Room		Faucet	<1.0	Pass	Testing Complete
M32535	110	Work Room		Faucet	<1.0	Pass	Testing Complete
M32538	102	Health		Faucet	<1.0	Pass	Testing Complete
M32539	102A	Health	inside Health	Faucet	1.2	Pass	Testing Complete
M32544	105A	Office Media Center	inside IMC	Faucet	<1.0	Pass	Testing Complete
M32545	156	Classroom		Faucet	<1.0	Pass	Testing Complete
M32546	156	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32547	156	Classroom		Faucet	<1.0	Pass	Testing Complete
M32552	153	Music		Faucet	<1.0	Pass	Testing Complete
M32553	153	Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32559	157	Music		Faucet	<1.0	Pass	Testing Complete
M32560	157	Music		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32562	161	Art		Faucet	<1.0	Pass	Testing Complete
M32563	161	Art		Faucet	<1.0	Pass	Testing Complete
M32564	161	Art		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32565		Hallway	Across from CR 161 Art	Cooler	<1.0	Pass	Testing Complete
M32566		Hallway	Across from CR 161 Art	Cooler	<1.0	Pass	Testing Complete
M32568		Kitchen		Faucet	2.0	Pass	Testing Complete
M32569		Kitchen		Faucet	<1.0	Pass	Testing Complete
M32570		Kitchen		Faucet	<1.0	Pass	Testing Complete
M32572	158A	Kitchenette All Purpose Room	inside 158 APR	Faucet	<1.0	Pass	Testing Complete
M32574	5	Classroom		Faucet	<1.0	Pass	Testing Complete
M32575	5	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete

Barcode ID	Room #	Location	Location Notes	Equipment Type	Results (PPB)*	Pass/Fail	Status
M32576		Hallway	Across from CR 005	Cooler	<1.0	Pass	Testing Complete
M32577		Hallway	Across from CR 005	Cooler	<1.0	Pass	Testing Complete
M32578	11	Classroom		Faucet	<1.0	Pass	Testing Complete
M32579	11	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32580	8	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32581	8	Classroom		Faucet	<1.0	Pass	Testing Complete
M32583	15	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32584	15	Classroom		Faucet	<1.0	Pass	Testing Complete
M32585	12	Classroom		Faucet	<1.0	Pass	Testing Complete
M32586	12	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32588	12	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32589	12	Classroom		Faucet	1.4	Pass	Testing Complete
M32595	21	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32596	25	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32597	25	Classroom		Faucet	<1.0	Pass	Testing Complete
M32598	18	Classroom		Faucet	<1.0	Pass	Testing Complete
M32599	18	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32604	31	Classroom		Faucet	<1.0	Pass	Testing Complete
M32605	31	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32606	22	Classroom		Faucet	<1.0	Pass	Testing Complete
M32607	22	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32610	35	Classroom		Faucet	<1.0	Pass	Testing Complete
M32611	35	Classroom		Bubbler - Indoor	<1.0	Pass	Testing Complete
M32923	158	All Purpose Room		Cooler	<1.0	Pass	Testing Complete

*PPB = parts per billion