

Montgomery County Public Schools Lead in Drinking Water Testing Report

Ashburton Elementary School
6314 Lone Oak Drive
Bethesda, MD 20817

Report Date: June 23, 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 | 4/14/23 |
| # of Outlets Tested | 62 |
| # of Outlets \geq 5 ppb | 2 |

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 Ashburton ES

| Outlet Barcode | Outlet Location | Outlet Type | Initials Results (ppb) | Pass/Fail | Status |
|----------------|----------------------------|---|------------------------|-----------|------------------|
| E41225 | In kitchen by kitchen | Kitchen Sink | 1.0 | Pass | Testing Complete |
| E41226 | In kitchen by kitchen | Kitchen Sink | 3.8 | Pass | Testing Complete |
| E41237 | In hallway next to 228 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| E41314 | In hallway next to 126 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05328 | In kitchen | Kitchen Sink | <1.0 | Pass | Testing Complete |
| LW05329 | In kitchen | Kitchen Sink | 1.1 | Pass | Testing Complete |
| LW05330 | In hallway across from 214 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05331 | In hallway across from 214 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05334 | In classroom 225 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05388 | In classroom 228 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05391 | In hallway outside of gym | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05395 | In art 240 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05399 | In classroom 152 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05400 | In classroom 147 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05402 | In break room 150 | Teachers Lounge Sink | 4.8 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initials Results (ppb) | Pass/Fail | Status |
|-----------------------|---------------------------|---|-------------------------------|------------------|------------------|
| LW05404 | In classroom 145 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05405 | In classroom 141 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05407 | In classroom 139 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05410 | In classroom 135 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05412 | In classroom 132 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05413 | In classroom 133 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05415 | In hallway outside of 131 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05417 | In classroom 118 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05419 | In classroom 124 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05420 | In hallway next to 126 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05426 | In classroom 123 | Classroom Combination Drinking Fountain | 1.6 | Pass | Testing Complete |
| LW05427 | In hallway next to 121 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05429 | In classroom 117 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05433 | In classroom 108 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05435 | In break room 109 | Teachers Lounge Sink | <1.0 | Pass | Testing Complete |
| LW05439 | In work room 204 | Teachers Lounge Sink | <1.0 | Pass | Testing Complete |
| LW05440 | In health room 207 | Nurses Office Sink | <1.0 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initials Results (ppb) | Pass/Fail | Status |
|-----------------------|--------------------------------------|---|-------------------------------|------------------|-------------------------|
| LW05453 | In classroom 313 | Classroom Combination Drinking Fountain | 1.2 | Pass | Testing Complete |
| LW05454 | In hallway across from 318 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05455 | In hallway across from 318 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05457 | In classroom 318 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05461 | In classroom 321 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05463 | In classroom 322 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05465 | In classroom 323 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW07736 | In Classroom 402 | Classroom Combination Drinking Fountain | 1.4 | Pass | Testing Complete |
| LW08338 | In classroom 335 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08354 | In hallway adjacent to Room 214 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08356 | In hallway adjacent to classroom 126 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08386 | In classroom 413 | Classroom Combination Drinking Fountain | 6.7 | Fail | Remediation Action Plan |
| LW08387 | In classroom 405 | Classroom Combination Drinking Fountain | 5.4 | Fail | Remediation Action Plan |
| LW08389 | In Classroom 404 | Classroom Combination Drinking Fountain | 3.1 | Pass | Testing Complete |
| LW08391 | In Classroom 401 | Classroom Combination Drinking Fountain | 2.2 | Pass | Testing Complete |

| Outlet Barcode | Outlet Location | Outlet Type | Initials Results (ppb) | Pass/Fail | Status |
|-----------------------|--|---|-------------------------------|------------------|------------------|
| LW08393 | In Classroom 406 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08394 | In Classroom 403 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08395 | Mod in hallway adjacent to 414 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08396 | In hallway adjacent to Classroom 414 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08397 | Mod in hallway adjacent to Classroom 414 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| Lw08477 | In classroom 336 | Classroom Combination Sink | <1.0 | Pass | Testing Complete |
| LW08479 | In classroom 127 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08480 | In Classroom 129 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08483 | In classroom 128 | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW08484 | In Staff lounge 129A | Teachers Lounge Sink | 1.9 | Pass | Testing Complete |
| LW08486 | In classroom 128A | Classroom Combination Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05396 | In classroom 156 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW05424 | Classroom 125 | Drinking Fountain | 1.1 | Pass | Testing Complete |
| LW08336 | Classroom 332 | Drinking Fountain | <1.0 | Pass | Testing Complete |
| LW12594 | HW-Across Gym | Drinking Fountain | <1.0 | Pass | Testing Complete |

Montgomery County Public Schools Lead in Drinking Water Testing Report

Ashburton Elementary School
6314 Lone Oak Drive
Bethesda, MD 20817

Report Date: March 26th, 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 | 2/26/2020 |
| # of Outlets Tested | 122 |
| # of Outlets \geq 5 ppb | 6 |

NEXT STEPS

If an initial sample exceeds the AL (5 ppb), the outlet will be immediately shut-down, a follow-up sample collected, and a remedial plan of action developed for this outlet. 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.

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1. Run your water to flush out lead: If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
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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 Ashburton ES

| Fixture Barcode | Fixture Location | Fixture Type | Initial Results (ppb) | Pass/Fail | Follow up Results (ppb) | Status |
|-----------------|----------------------------|---|-----------------------|-----------|-------------------------|-------------------------|
| E41225 | In kitchen by kitchen | Kitchen Sink | <1 | Pass | N/A | Testing complete |
| E41226 | In kitchen by kitchen | Kitchen Sink | 1.5 | Pass | N/A | Testing complete |
| E41230 | In classroom 222 by music | Classroom Sink | 2.0 | Pass | N/A | Testing complete |
| E41237 | In hallway next to 228 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| E41314 | In hallway next to 126 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05328 | In kitchen | Kitchen Sink | <1 | Pass | N/A | Testing complete |
| LW05330 | In hallway across from 214 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05331 | In hallway across from 214 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05332 | In support room 224 | Classroom Sink | <1 | Pass | N/A | Testing complete |
| LW05333 | In classroom 225 | Classroom Combination Sink | 8.9 | Fail | NC | Remediation Action Plan |
| LW05334 | In classroom 225 | Classroom Combination Drinking Fountain | 3.1 | Pass | N/A | Testing complete |
| LW05387 | In classroom 228 | Classroom Combination Sink | 2.4 | Pass | N/A | Testing complete |
| LW05388 | In classroom 228 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05389 | In classroom 229 | Classroom Combination Sink | 1.2 | Pass | N/A | Testing complete |
| LW05390 | In classroom 229 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05391 | In hallway outside of gym | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05392 | In art 240 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05395 | In art 240 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05397 | In classroom 156 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05398 | In classroom 152 | Classroom Combination Sink | 1.2 | Pass | N/A | Testing complete |
| LW05399 | In classroom 152 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |

| | | | | | | |
|---------|---------------------------|---|------|------|-----|-------------------------|
| LW05400 | In classroom 147 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05401 | In classroom 147 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05402 | In break room 150 | Teachers Lounge Sink | <1 | Pass | N/A | Testing complete |
| LW05403 | In classroom 145 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05404 | In classroom 145 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05405 | In classroom 141 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05406 | In classroom 141 | Classroom Combination Sink | 23.7 | Fail | NC | Remediation Action Plan |
| LW05407 | In classroom 139 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05408 | In classroom 139 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05409 | In classroom 135 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05410 | In classroom 135 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05411 | In classroom 132 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05412 | In classroom 132 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05413 | In classroom 133 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05414 | In classroom 133 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05415 | In hallway outside of 131 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05416 | In classroom 118 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05417 | In classroom 118 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05418 | In classroom 124 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05419 | In classroom 124 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05420 | In hallway next to 126 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05421 | In classroom 126 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |

| | | | | | | |
|---------|-------------------------------|---|-----|------|-----|-------------------------|
| LW05422 | In classroom 126 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05425 | In classroom 123 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05426 | In classroom 123 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05427 | In hallway next to 121 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05428 | In classroom 117 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05429 | In classroom 117 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05430 | In classroom 110 | Classroom Combination Sink | 1.4 | Pass | N/A | Testing complete |
| LW05431 | In classroom 110 | Classroom Combination Drinking Fountain | 1.5 | Pass | N/A | Testing complete |
| LW05432 | In classroom 110 | Classroom Sink | 4.4 | Pass | N/A | Testing complete |
| LW05433 | In classroom 108 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05434 | In classroom 108 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05435 | In break room 109 | Teachers Lounge Sink | <1 | Pass | N/A | Testing complete |
| LW05436 | In classroom 103 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05437 | In classroom 103 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05439 | In work room 204 | Teachers Lounge Sink | <1 | Pass | N/A | Testing complete |
| LW05440 | In health room 207 | Nurses Office Sink | <1 | Pass | N/A | Testing complete |
| LW05441 | In office 203 by media center | Classroom Sink | <1 | Pass | N/A | Testing complete |
| LW05442 | In classroom 301 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05443 | In classroom 301 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05444 | In support room 302 | Classroom Sink | 7.1 | Fail | NC | Remediation Action Plan |
| LW05445 | In classroom 305 | Classroom Combination Sink | 2.0 | Pass | N/A | Testing complete |
| LW05446 | In classroom 305 | Classroom Combination Drinking Fountain | 1.1 | Pass | N/A | Testing complete |
| LW05447 | In classroom 308 | Classroom Combination Sink | 1.4 | Pass | N/A | Testing complete |

| | | | | | | |
|---------|--------------------------------------|---|------|------|-----|-------------------------|
| LW05448 | In classroom 308 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05449 | In classroom 309 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05450 | In classroom 309 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05451 | In hallway next to 310 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05453 | In classroom 313 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05454 | In hallway across from 318 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05455 | In hallway across from 318 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05456 | In classroom 318 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05457 | In classroom 318 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05458 | In classroom 320 | Classroom Combination Sink | 1.9 | Pass | N/A | Testing complete |
| LW05459 | In classroom 320 | Classroom Combination Drinking Fountain | 15.5 | Fail | NC | Remediation Action Plan |
| LW05460 | In classroom 321 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05461 | In classroom 321 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05462 | In classroom 322 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05463 | In classroom 322 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05464 | In classroom 323 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW05465 | In classroom 323 | Classroom Combination Drinking Fountain | 1.0 | Pass | N/A | Testing complete |
| LW05329 | In kitchen | Kitchen Sink | 1.3 | Pass | N/A | Testing complete |
| LW08354 | In hallway adjacent to Room 214 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW05438 | In classroom 103 | Classroom Sink | 1.5 | Pass | N/A | Testing complete |
| LW08355 | In classroom 125 | Classroom Combination Sink | 1.4 | Pass | N/A | Testing complete |
| LW08356 | In hallway adjacent to classroom 126 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08357 | In classroom 313 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |

| | | | | | | |
|---------|--|---|------|------|-----|-------------------------|
| LW08335 | In classroom 332 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08337 | In classroom 335 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08338 | In classroom 335 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08476 | In classroom 336 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08477 | In classroom 336 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08478 | In classroom 127 | Classroom Combination Sink | 1.0 | Pass | N/A | Testing complete |
| LW08479 | In classroom 127 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08481 | In Classroom 129 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08482 | In classroom 128 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08480 | In Classroom 129 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08484 | In Staff lounge 129A | Teachers Lounge Sink | <1 | Pass | N/A | Testing complete |
| LW08483 | In classroom 128 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08485 | In Classroom 128A | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08486 | In classroom 128A | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08397 | Mod in hallway adjacent to Classroom 414 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08395 | Mod in hallway adjacent to 414 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08396 | In hallway adjacent to Classroom 414 | Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08385 | In classroom 413 | Classroom Combination Sink | 5.7 | Fail | NC | Remediation Action Plan |
| LW08487 | In Classroom 414 | Classroom Combination Drinking Fountain | 10.2 | Fail | NC | Remediation Action Plan |
| LW08386 | In classroom 413 | Classroom Combination Drinking Fountain | 4.7 | Pass | N/A | Testing complete |
| LW08488 | In Classroom 414 | Classroom Combination Sink | 2.8 | Pass | N/A | Testing complete |
| LW08387 | In classroom 405 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08392 | In Classroom 406 | Classroom Combination Sink | 3.1 | Pass | N/A | Testing complete |

| | | | | | | |
|---------|------------------|---|-----|------|-----|---------------------|
| LW08388 | In classroom 405 | Classroom Combination Sink | 2.4 | Pass | N/A | Testing complete |
| LW08393 | In Classroom 406 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08389 | In Classroom 404 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08390 | In Classroom 404 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW08339 | In Classroom 403 | Classroom Combination Sink | 1.0 | Pass | N/A | Testing complete |
| LW08394 | In Classroom 403 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW08391 | In Classroom 401 | Classroom Combination Drinking Fountain | <1 | Pass | N/A | Testing complete |
| LW07747 | In Classroom 401 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW07735 | In Classroom 402 | Classroom Combination Sink | <1 | Pass | N/A | Testing complete |
| LW07736 | In Classroom 402 | 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:

Ashburton Elementary School

6314 Lone Oak Drive

Bethesda, Maryland 20817

| | |
|-----------------------------|-----------|
| Date of Test Report: | 3/22/2018 |
| Round of Testing: | Initial |
| # of Outlets Tested: | 90 |
| # of Outlets ≥ 20 ppb: | 0 |
| Low Value (ppb): | <1.0 |
| High Value (ppb): | 11.7 |

Project Status:

Initial testing complete: All results less than 20 ppb.



3/22/2018

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

Re: Drinking Water Testing

KCI Job #1214634186

Location: Ashburton Elementary School

6314 Lone Oak Drive
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 Initial lead in water testing at Ashburton Elementary School, located at 6314 Lone Oak Drive in Bethesda, Maryland 20817.

SCOPE OF SERVICES

KCI conducted lead in water testing at Ashburton 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 2/28/2018 and 3/1/2018 to collect samples from 90 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 3/1/2018 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 Ashburton Elementary School

| Barcode ID | Room # | Location | Location Notes | Equipment Type | Results (PPB)* | Pass/Fail | Status |
|------------|--------|-----------------|--------------------|------------------|----------------|-----------|------------------|
| E41225 | | Kitchen Kitchen | | Faucet | 1.8 | Pass | Testing Complete |
| E41226 | | Kitchen Kitchen | | Faucet | 2.9 | Pass | Testing Complete |
| E41230 | 222 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| E41237 | | Hallway | Next To Rm 228 | Cooler | <1.0 | Pass | Testing Complete |
| E41314 | | Hallway | Next To Rm 126 | Cooler | <1.0 | Pass | Testing Complete |
| LW05328 | | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| LW05329 | | Kitchen | | Faucet | 11.4 | Pass | Testing Complete |
| LW05330 | | Hallway | Across From Rm 214 | Cooler | <1.0 | Pass | Testing Complete |
| LW05331 | | Hallway | Across From Rm 214 | Cooler | <1.0 | Pass | Testing Complete |
| LW05332 | 224 | Support Room | | Faucet | 2.1 | Pass | Testing Complete |
| LW05333 | 225 | Classroom | | Faucet | 1.5 | Pass | Testing Complete |
| LW05334 | 225 | Classroom | | Bubbler - Indoor | 1.1 | Pass | Testing Complete |
| LW05387 | 228 | Classroom | | Faucet | 1 | Pass | Testing Complete |
| LW05388 | 228 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05389 | 229 | Classroom | | Faucet | 1.2 | Pass | Testing Complete |
| LW05390 | 229 | Classroom | | Bubbler - Indoor | 1.4 | Pass | Testing Complete |
| LW05391 | | Hallway | Outside Of Gym | Cooler | <1.0 | Pass | Testing Complete |
| LW05392 | 240 | Art | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05393 | 240 | Art | | Faucet | <1.0 | Pass | Testing Complete |
| LW05394 | 240 | Art | | Faucet | <1.0 | Pass | Testing Complete |
| LW05395 | 240 | Art | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05396 | 156 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |

| Barcode ID | Room # | Location | Location Notes | Equipment Type | Results (PPB)* | Pass/Fail | Status |
|------------|--------|------------|-------------------|------------------|----------------|-----------|------------------|
| LW05397 | 156 | Classroom | | Faucet | 1.6 | Pass | Testing Complete |
| LW05398 | 152 | Classroom | | Faucet | 2.4 | Pass | Testing Complete |
| LW05399 | 152 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05400 | 147 | Classroom | | Bubbler - Indoor | 2.7 | Pass | Testing Complete |
| LW05401 | 147 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05402 | 150 | Break Room | | Faucet | <1.0 | Pass | Testing Complete |
| LW05403 | 145 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05404 | 145 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05405 | 141 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05406 | 141 | Classroom | | Faucet | 4.1 | Pass | Testing Complete |
| LW05407 | 139 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05408 | 139 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05409 | 135 | Classroom | | Faucet | 1.4 | Pass | Testing Complete |
| LW05410 | 135 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05411 | 132 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05412 | 132 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05413 | 133 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05414 | 133 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05415 | | Hallway | Outside Of Rm 131 | Cooler | <1.0 | Pass | Testing Complete |
| LW05416 | 118 | Classroom | | Faucet | 3.9 | Pass | Testing Complete |
| LW05417 | 118 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05418 | 124 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05419 | 124 | Classroom | | Bubbler - Indoor | 1.3 | Pass | Testing Complete |
| LW05420 | | Hallway | Next To Rm 126 | Cooler | <1.0 | Pass | Testing Complete |
| LW05421 | 126 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05422 | 126 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |

| Barcode ID | Room # | Location | Location Notes | Equipment Type | Results (PPB)* | Pass/Fail | Status |
|------------|--------|---------------------|----------------|------------------|----------------|-----------|------------------|
| LW05423 | 125 | Classroom | | Faucet | 8.3 | Pass | Testing Complete |
| LW05424 | 125 | Classroom | | Bubbler - Indoor | 1.8 | Pass | Testing Complete |
| LW05425 | 123 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05426 | 123 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05427 | | Hallway | Next To Rm 121 | Cooler | <1.0 | Pass | Testing Complete |
| LW05428 | 117 | Classroom | | Faucet | 2.5 | Pass | Testing Complete |
| LW05429 | 117 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05430 | 110 | Classroom | | Faucet | 4.2 | Pass | Testing Complete |
| LW05431 | 110 | Classroom | | Bubbler - Indoor | 1.5 | Pass | Testing Complete |
| LW05432 | 110 | Classroom | | Faucet | 3.8 | Pass | Testing Complete |
| LW05433 | 108 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05434 | 108 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05435 | 109 | Break Room | | Faucet | 1.4 | Pass | Testing Complete |
| LW05436 | 103 | Classroom | | Faucet | 1.6 | Pass | Testing Complete |
| LW05437 | 103 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05438 | 103 | Classroom | | Faucet | 11.7 | Pass | Testing Complete |
| LW05439 | 204 | Work Room | | Faucet | <1.0 | Pass | Testing Complete |
| LW05440 | 207 | Health Room | | Faucet | <1.0 | Pass | Testing Complete |
| LW05441 | 203 | Office Media Center | | Faucet | 1.8 | Pass | Testing Complete |
| LW05442 | 301 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05443 | 301 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05444 | 302 | Support Room | | Faucet | 3 | Pass | Testing Complete |
| LW05445 | 305 | Classroom | | Faucet | 1 | Pass | Testing Complete |
| LW05446 | 305 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05447 | 308 | Classroom | | Faucet | 1.8 | Pass | Testing Complete |
| LW05448 | 308 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |

| Barcode ID | Room # | Location | Location Notes | Equipment Type | Results (PPB)* | Pass/Fail | Status |
|------------|--------|-----------|--------------------|------------------|----------------|-----------|------------------|
| LW05449 | 309 | Classroom | | Faucet | 1.9 | Pass | Testing Complete |
| LW05450 | 309 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05451 | | Hallway | Next To Rm 310 | Cooler | <1.0 | Pass | Testing Complete |
| LW05452 | 313 | Classroom | | Faucet | 6.1 | Pass | Testing Complete |
| LW05453 | 313 | Classroom | | Bubbler - Indoor | 1.4 | Pass | Testing Complete |
| LW05454 | | Hallway | Across From Rm 318 | Cooler | <1.0 | Pass | Testing Complete |
| LW05455 | | Hallway | Across From Rm 318 | Cooler | <1.0 | Pass | Testing Complete |
| LW05457 | 318 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05458 | 320 | Classroom | | Faucet | 1.1 | Pass | Testing Complete |
| LW05459 | 320 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05460 | 321 | Classroom | | Faucet | 2.5 | Pass | Testing Complete |
| LW05461 | 321 | Classroom | | Bubbler - Indoor | 1.1 | Pass | Testing Complete |
| LW05462 | 322 | Classroom | | Faucet | 1.4 | Pass | Testing Complete |
| LW05463 | 322 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW05464 | 323 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| LW05465 | 323 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |

*PPB = parts per billion