# Montgomery County Public Schools
# Lead in Drinking Water Testing Report

## Clarksburg High School
## 22500 Wims Road
## Clarksburg, MD 20871

**Report Date: February 20th, 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 | 10/21/2021 |
| # of Outlets Tested | 107 |
| # of Outlets ≥ 5 ppb | 5 |

**NEXT STEPS**

If an initial sample exceeds the AL (5 ppb), the outlet will be immediately shut-down, a follow-up sample collected, and a remedial plan of action developed for this outlet. No additional sampling or remedial actions are required for schools where all initial samples are below the AL.

**HEALTH EFFECTS OF LEAD**

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

**SOURCES OF HUMAN EXPOSURE TO LEAD**

There are many different sources of human exposure to lead. These include: lead-based paint, lead-contaminated dust or soil, some plumbing materials, certain types of pottery, pewter, brass fixtures, food, cosmetics, exposure in the work place and from certain hobbies. According to the Environmental Protection Agency (EPA), 10 to 20 percent of a person's potential exposure to lead may come from drinking water, while for an infant consuming formula mixed with lead-containing water this may increase to 40 to 60 percent.

**TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:**

1. Run your water to flush out lead**:** If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

**Please note that boiling the water will not reduce lead levels.*

**ADDITIONAL INFORMATION**

1. For additional information, please contact Brian Mullikin, Environmental Team Leader, at 240.740.2324 or brian_a_mullikin@mcpsmd.org.
2. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at www.epa.gov/lead.
3. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.

*Please refer to the attachment(s) for additional water sampling information.*

**Attachment(s)** A – Lead in Water Sample Results Table

# ATTACHMENT A

## Lead in Water Sample Results Table

# Sampling Results for Clarksburg HS

| Fixture Barcode | Fixture Location | Fixture Type | Initial Results (ppb) | Pass/Fail | Follow up Results (ppb) | Status |
|---|---|---|---|---|---|---|
| LW03858 | In corridor across from 130 | Bottle Filler | <1.0 | Pass | N/A | Testing Complete |
| LW09109 | In work room 110D | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09112 | In copy room 104 | Classroom Combination Sink | 3.2 | Pass | N/A | Testing Complete |
| LW09113 | In hallway left of 107c | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09114 | In hallway right of 117 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09115 | In hallway right of 117 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09116 | In hallway In front of concession 120G | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09117 | In hallway In front of concession 120G | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09118 | In concession 120G | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09119 | In concession 120G | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09121 | In hallway across from 130 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09122 | In hallway across from 130 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09123 | In hallway across from 138b | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09124 | In hallway across from 138b | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09125 | In dressing room - mens 139 | Classroom Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09126 | In dressing room - womens 139 | Classroom Combination Sink | 11.6 | Fail | <1 | Testing Complete |
| LW09127 | In dressing room - womens 137 | Classroom Combination Drinking Fountain | 2.0 | Pass | N/A | Testing Complete |
| LW09128 | In dressing room - womens 135 | Classroom Sink | 1.1 | Pass | N/A | Testing Complete |
| LW09129 | In break room 138 | Teachers Lounge Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09130 | In break room 138 | Classroom Combination Drinking Fountain | 1.1 | Pass | N/A | Testing Complete |
| LW09131 | In hallway across from 146 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09132 | In hallway across from 146 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09134 | In hallway next to 151c | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09135 | In hallway right of 159 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09138 | In locker room - mens | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09139 | In locker room - mens | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09140 | In locker room - womens | Drinking Fountain | 1.9 | Pass | N/A | Testing Complete |
| LW09141 | In locker room - womens | Drinking Fountain | 1.2 | Pass | N/A | Testing Complete |
| LW09142 | In hallway right of 179c | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09144 | In hallway across from room 183 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |

| | | | | | | |
|---|---|---|---|---|---|---|
| LW09145 | In hallway across from room 183 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09146 | In training room 183 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09147 | In training room 183 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09148 | In training room 183 | Ice Machine | <1.0 | Pass | N/A | Testing Complete |
| LW09149 | In training room 183 | Ice Machine | <1.0 | Pass | N/A | Testing Complete |
| LW09150 | In hallway left of 192h | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09151 | In hallway left of 192h | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09152 | In kitchen | Kitchen Sink | 2.9 | Pass | N/A | Testing Complete |
| LW09153 | In kitchen | Kitchen Sink | 1.1 | Pass | N/A | Testing Complete |
| LW09154 | In kitchen | Kitchen Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09155 | In kitchen | Kitchen Sink | 5.3 | Fail | 2.4 | Testing Complete |
| LW09156 | In hallway In front of 173b | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09157 | In break room 195 | Teachers Lounge Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09158 | In break room 195 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09159 | In hallway In front of 173 | Bottle Filler | <1.0 | Pass | N/A | Testing Complete |
| LW09160 | In hallway across from 114 | Bottle Filler | <1.0 | Pass | N/A | Testing Complete |
| LW09161 | In hallway left of 217 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09162 | In hallway In front of 201 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09163 | In hallway right of 210 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09164 | In hallway right of 210 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09165 | In hallway left of 223a | Drinking Fountain | 3.0 | Pass | N/A | Testing Complete |
| LW09166 | In hallway left of 223a | Drinking Fountain | 2.2 | Pass | N/A | Testing Complete |
| LW09167 | In hallway In front of 228 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09168 | In hallway In front of 228 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09169 | In resource center 224 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| LW09170 | In resource center 224 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09171 | In office 230 | Classroom Combination Sink | 24.5 | Fail | 21.5 | Testing Complete |
| LW09172 | In office 230 | Classroom Combination Drinking Fountain | 11.6 | Fail | 25.9 | Testing Complete |
| LW09175 | In hallway In front of 200a | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09176 | In hallway In front of 200a | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09177 | In hallway across from 235d | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW09178 | In hallway right of 235c | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| LW10660 | In hallway adjacent to 120g concessions | Bottle Filler | <1.0 | Pass | N/A | Testing Complete |

| | | | | | | |
|---|---|---|---|---|---|---|
| M07155 | In work room 102 by admin | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M07156 | In work room 102 by admin | Classroom Combination Drinking Fountain | 18.4 | Fail | 27.5 | Testing Complete |
| M07160 | In health room 106 | Nurses Office Sink | <1.0 | Pass | N/A | Testing Complete |
| M07161 | In health room 106 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07171 | In copy room 104 | Classroom Combination Drinking Fountain | 2.4 | Pass | N/A | Testing Complete |
| M07182 | In office 107 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M07195 | In child development 119 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M07196 | In child development 119 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07197 | In child development 119 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M07198 | In child development 119 | Classroom Combination Drinking Fountain | 2.5 | Pass | N/A | Testing Complete |
| M07199 | In child development 119 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07223 | In office 136A | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07224 | In storage 136C | Classroom Sink | <1.0 | Pass | N/A | Testing Complete |
| M07242 | In office 162 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07243 | In office 162 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07276 | In concessions 181d | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M07277 | In concessions 181d | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07287 | In classroom 194 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M07289 | In classroom 192 | Drinking Fountain | 2.4 | Pass | N/A | Testing Complete |
| M07290 | In classroom 192 | Drinking Fountain | 2.7 | Pass | N/A | Testing Complete |
| M07291 | In classroom 192 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M07292 | In classroom 192 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M07293 | In kitchen | Kitchen Sink | <1.0 | Pass | N/A | Testing Complete |
| M07294 | In kitchen | Kitchen Sink | 1.2 | Pass | N/A | Testing Complete |
| M07295 | In kitchen | Kitchen Sink | <1.0 | Pass | N/A | Testing Complete |
| M07298 | In kitchen | Kitchen Sink | 1.3 | Pass | N/A | Testing Complete |
| M07300 | In kitchen | Kitchen Sink | 2.0 | Pass | N/A | Testing Complete |
| M07301 | In kitchen | Ice Machine | <1.0 | Pass | N/A | Testing Complete |
| M07303 | In kitchen | Kitchen Sink | 3.8 | Pass | N/A | Testing Complete |
| M07304 | In kitchen | Kitchen Sink | 4.9 | Pass | N/A | Testing Complete |
| M27477 | In work room 200F by media center | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M27480 | In break room 249 | Teachers Lounge Sink | <1.0 | Pass | N/A | Testing Complete |
| M27483 | In hallway between 249C & 249B | Drinking Fountain | 1.7 | Pass | N/A | Testing Complete |

| | | | | | | |
|---|---|---|---|---|---|---|
| M27484 | In hallway between 249C & 249B | Drinking Fountain | 2.0 | Pass | N/A | Testing Complete |
| M27485 | In office 240 | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M27486 | In office 240 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M27513 | In work room 225 | Classroom Combination Sink | 2.3 | Pass | N/A | Testing Complete |
| M27514 | In work room 225 | Classroom Combination Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M27523 | In work room 200F by media center | Classroom Combination Sink | <1.0 | Pass | N/A | Testing Complete |
| M33073 | In hallway next to 1004a | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M33080 | In hallway across from 1011a | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M33081 | In hallway across from 1011a | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M33087 | In hallway across from 250 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |
| M33088 | In hallway across from 250 | Drinking Fountain | <1.0 | Pass | N/A | Testing Complete |

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936 RIDGEBROOK ROAD • SPARKS, MD 21152 • 410-316-7800 • (FAX) 410-316-7935

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

August 30, 2019

**Executive Summary:**
**Clarksburg High School**
22500 Wims Road
Clarksburg, Maryland 20871

| Round of Testing: | Post-Remediation Follow-up |
|---|---|
| Sample Date | 1/31/19 |
| # of Outlets Tested: | 1 |
| # of Outlets ≥5 ppb: | 0 |
| Low Value (ppb): | 2.5 |
| High Value (ppb): | 2.5 |

## Project Status

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

Kitchen - Outlet (M07303) will be placed back into service

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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: Clarksburg High School**
22500 Wims Road
Clarksburg, Maryland 20871

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 Clarksburg High School, located at 22500 Wims Road in Clarksburg, Maryland 20871.

**SCOPE OF SERVICES**

One drinking water outlet was remediated at Clarksburg High 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 1/31/19 to collect a post-remediation follow-up sample from 1 drinking water outlet that had been replaced. The sample was 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 |
|---|---|---|---|---|---|---|---|---|---|
| M07303 | | Kitchen | | Faucet | 20.4 | <1.0 | 2.5 | 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**

July 18, 2018

**Executive Summary:**
**Clarksburg High School**
22500 Wims Road,
Clarksburg, MD 20871

| | |
|---|---|
| Round of Testing: | Initial |
| # of Outlets Tested: | 112 |
| # of Outlets ≥ 20 ppb: | 1 |
| Low Value (ppb): | < 1.0 |
| High Value (ppb): | 20.4 |
| Follow-Up Testing Required (Samples ≥ 20 ppb): | Kitchen (20.4 ppb) |

| | |
|---|---|
| Round of Testing: | Follow-Up – 30 sec draw |
| # of Outlets Tested: | 1 |

**Project Status**
**Testing Complete: Remediation Plan**

Kitchen – Replace fixture (M07303), in addition to supply line and valve located under sink

July 18, 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: Clarksburg High School
22500 Wims Road,
Clarksburg, MD 20871

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 Clarksburg High School, located 22500 Wims Road, Clarksburg, MD 20871.

## Scope of Services:

PSI conducted lead in water testing at Clarksburg High 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 4/19/18 and 4/20/18 to collect samples from 112 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. One 30 second follow-up sample was collected on 6/21/18.

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 was one result 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) |
|---|---|---|---|---|---|
| M07303 | Kitchen | 4/20/18 | 20.4 | 6/21/18 | ND |

*ppb = parts per billion
ND = Non Detect

The initial lead in water sample results (4/20/18) and 30 second follow up results (6/21/18) 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

## Clarksburg High School Water Test Summary Table

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

Initial Sample Results for Clarksburg High School 4/20/18)

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|---|---|---|---|---|---|---|---|
| LW09109 | 110D | Work Room | | Faucet | <1.0 | Pass | Testing Complete |
| LW09110 | 110D | Work Room | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW09112 | 104 | Copy Room | | Faucet | 3.1 | Pass | Testing Complete |
| LW09113 | | Hallway | Left Of 107c | Cooler | <1.0 | Pass | Testing Complete |
| LW09114 | | Hallway | Right Of 117 | Cooler | <1.0 | Pass | Testing Complete |
| LW09115 | | Hallway | Right Of 117 | Cooler | <1.0 | Pass | Testing Complete |
| LW09116 | | Hallway | In Front Of Concession | Cooler | <1.0 | Pass | Testing Complete |
| LW09117 | | Hallway | In Front Of Concession | Cooler | <1.0 | Pass | Testing Complete |
| LW09118 | 120G | Concession | | Faucet | <1.0 | Pass | Testing Complete |
| LW09119 | 120G | Concession | | Bubbler - Indoor | 1.0 | Pass | Testing Complete |
| LW09120 | 120G | Concession | | Ice Maker | <1.0 | Pass | Testing Complete |
| LW09121 | | Hallway | Across From 130 | Cooler | 10.3 | Pass | Testing Complete |
| LW09122 | | Hallway | Across From 130 | Cooler | 6.0 | Pass | Testing Complete |
| LW09123 | | Hallway | Across From 138b | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW09124 | | Hallway | Across From 138b | Cooler | <1.0 | Pass | Testing Complete |
| LW09125 | 139 | Dressing Room - Mens | | Faucet | <1.0 | Pass | Testing Complete |
| LW09126 | 139 | Dressing Room - Womens | | Faucet | <1.0 | Pass | Testing Complete |
| LW09127 | 137 | Dressing Room - Womens | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW09129 | 138 | Break Room | | Faucet | 1.2 | Pass | Testing Complete |
| LW09130 | 138 | Break Room | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW09131 | | Hallway | Across From 146 | Cooler | <1.0 | Pass | Testing Complete |

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|---|---|---|---|---|---|---|---|
| LW09132 | | Hallway | Across From 146 | Cooler | <1.0 | Pass | Testing Complete |
| LW09133 | | Hallway | Left Of 155 | Cooler | <1.0 | Pass | Testing Complete |
| LW09134 | | Hallway | Next To 151c | Cooler | <1.0 | Pass | Testing Complete |
| LW09136 | | Hallway | Across From 168 | Cooler | <1.0 | Pass | Testing Complete |
| LW09137 | | Hallway | Across From 168 | Cooler | <1.0 | Pass | Testing Complete |
| LW09138 | | Locker Room - Mens | | Cooler | 1.1 | Pass | Testing Complete |
| LW09139 | | Locker Room - Mens | | Cooler | <1.0 | Pass | Testing Complete |
| LW09140 | | Locker Room - Womens | | Cooler | <1.0 | Pass | Testing Complete |
| LW09141 | | Locker Room - Womens | | Cooler | <1.0 | Pass | Testing Complete |
| LW09142 | | Hallway | Right Of 179c | Cooler | <1.0 | Pass | Testing Complete |
| LW09143 | | Hallway | Right Of 179c | Cooler | <1.0 | Pass | Testing Complete |
| LW09144 | | Hallway | Across From Room 183 | Cooler | <1.0 | Pass | Testing Complete |
| LW09145 | | Hallway | Across From Room 183 | Cooler | <1.0 | Pass | Testing Complete |
| LW09146 | 183 | Training Room | | Faucet | <1.0 | Pass | Testing Complete |
| LW09147 | 183 | Training Room | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW09148 | 183 | Training Room | | Ice Maker | <1.0 | Pass | Testing Complete |
| LW09149 | 183 | Training Room | | Ice Maker | <1.0 | Pass | Testing Complete |
| LW09150 | | Hallway | Left Of 192h | Cooler | <1.0 | Pass | Testing Complete |
| LW09151 | | Hallway | Left Of 192h | Cooler | <1.0 | Pass | Testing Complete |
| LW09153 | | Kitchen | | Faucet | 1.5 | Pass | Testing Complete |
| LW09154 | | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| LW09155 | | Kitchen | | Faucet | 2.0 | Pass | Testing Complete |
| LW09156 | | Hallway | In Front Of 173b | Cooler | <1.0 | Pass | Testing Complete |
| LW09157 | 195 | Break Room | | Faucet | <1.0 | Pass | Testing Complete |
| LW09158 | 195 | Break Room | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW09159 | | Hallway | In Front Of 173 | Cooler | <1.0 | Pass | Testing Complete |
| LW09160 | | Hallway | Across From 114 | Cooler | <1.0 | Pass | Testing Complete |

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|---|---|---|---|---|---|---|---|
| LW09163 | | Hallway | Right Of 210 | Cooler | <1.0 | Pass | Testing Complete |
| LW09164 | | Hallway | Right Of 210 | Cooler | <1.0 | Pass | Testing Complete |
| LW09165 | | Hallway | Left Of 223a | Cooler | <1.0 | Pass | Testing Complete |
| LW09166 | | Hallway | Left Of 223a | Cooler | <1.0 | Pass | Testing Complete |
| LW09167 | | Hallway | In Front Of 228 | Cooler | <1.0 | Pass | Testing Complete |
| LW09168 | | Hallway | In Front Of 228 | Cooler | <1.0 | Pass | Testing Complete |
| LW09169 | 224 | Resource Center | | Faucet | <1.0 | Pass | Testing Complete |
| LW09170 | 224 | Resource Center | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| LW09171 | 230 | Office | | Faucet | 1.2 | Pass | Testing Complete |
| LW09172 | 230 | Office | | Bubbler - Indoor | 1.0 | Pass | Testing Complete |
| LW09175 | | Hallway | In Front Of 200a | Faucet | <1.0 | Pass | Testing Complete |
| LW09176 | | Hallway | In Front Of 200a | Cooler | <1.0 | Pass | Testing Complete |
| LW09177 | | Hallway | Across From 235d | Cooler | <1.0 | Pass | Testing Complete |
| LW09178 | | Hallway | Right Of 235c | Cooler | <1.0 | Pass | Testing Complete |
| M07155 | 102 | Work Room Admin | | Faucet | <1.0 | Pass | Testing Complete |
| M07156 | 102 | Work Room Admin | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07160 | 106 | Health Room | | Faucet | <1.0 | Pass | Testing Complete |
| M07161 | 106 | Health Room | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07171 | 104 | Copy Room | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07182 | 107 | Office | | Faucet | <1.0 | Pass | Testing Complete |
| M07195 | 119 | Child Development | | Faucet | <1.0 | Pass | Testing Complete |
| M07196 | 119 | Child Development | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07197 | 119 | Child Development | | Faucet | <1.0 | Pass | Testing Complete |
| M07198 | 119 | Child Development | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07199 | 119 | Child Development | | Cooler | <1.0 | Pass | Testing Complete |
| M07222 | 136A | Office | | Faucet | <1.0 | Pass | Testing Complete |
| M07223 | 136A | Office | | Bubbler - | <1.0 | Pass | Testing Complete |

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|---|---|---|---|---|---|---|---|
| | | | | Indoor | | | |
| M07224 | 136C | Storage | | Faucet | <1.0 | Pass | Testing Complete |
| M07242 | 162 | Office | | Faucet | <1.0 | Pass | Testing Complete |
| M07243 | 162 | Office | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07287 | 194 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| M07288 | 194 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07289 | 192 | Classroom | | Cooler | <1.0 | Pass | Testing Complete |
| M07290 | 192 | Classroom | | Cooler | <1.0 | Pass | Testing Complete |
| M07291 | 192 | Classroom | | Faucet | <1.0 | Pass | Testing Complete |
| M07292 | 192 | Classroom | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M07293 | | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M07294 | | Kitchen | | Faucet | 3.3 | Pass | Testing Complete |
| M07295 | | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M07298 | | Kitchen | | Faucet | 1.3 | Pass | Testing Complete |
| M07300 | | Kitchen | | Faucet | <1.0 | Pass | Testing Complete |
| M07301 | | Kitchen | | Ice Maker | <1.0 | Pass | Testing Complete |
| M07303 | | Kitchen | | Faucet | 20.4 | Fail | Follow-Up Testing Needed |
| M07304 | | Kitchen | | Faucet | 1.0 | Pass | Testing Complete |
| M27477 | 200F | Work Room Media Center | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M27479 | 249 | Break Room | | Bubbler - Indoor | 6.7 | Pass | Testing Complete |
| M27480 | 249 | Break Room | | Faucet | 3.2 | Pass | Testing Complete |
| M27483 | | Hallway | Between 249C & 249B | Cooler | <1.0 | Pass | Testing Complete |
| M27484 | | Hallway | Between 249C & 249B | Cooler | <1.0 | Pass | Testing Complete |
| M27485 | 240 | Office | | Faucet | 3.4 | Pass | Testing Complete |
| M27486 | 240 | Office | | Bubbler - Indoor | 3.1 | Pass | Testing Complete |
| M27509 | 210 | Office | | Faucet | <1.0 | Pass | Testing Complete |

| Barcode ID | Room Number | Location | Location Notes | Equipment Type | Result (PPB)* | Pass/Fail | Status |
|---|---|---|---|---|---|---|---|
| M27510 | 210 | Office | | Bubbler - Indoor | <1.0 | Pass | Testing Complete |
| M27513 | 225 | Work Room | | Faucet | 1.4 | Pass | Testing Complete |
| M27514 | 225 | Work Room | | Bubbler - Indoor | 1.1 | Pass | Testing Complete |
| M27523 | | Work Room Media Center | | Faucet | <1.0 | Pass | Testing Complete |
| M33072 | | Hallway | Next To 1004a | Cooler | <1.0 | Pass | Testing Complete |
| M33073 | | Hallway | Next To 1004a | Cooler | <1.0 | Pass | Testing Complete |
| M33080 | | Hallway | Across From 1011a | Cooler | <1.0 | Pass | Testing Complete |
| M33081 | | Hallway | Across From 1011a | Cooler | <1.0 | Pass | Testing Complete |
| M33087 | | Hallway | Across From 250 | Cooler | <1.0 | Pass | Testing Complete |
| M33088 | | Hallway | Across From 250 | Cooler | <1.0 | Pass | Testing Complete |
| M33090 | | Hallway | Across From 256 | Cooler | <1.0 | Pass | Testing Complete |
| M33091 | | Hallway | Across From 256 | Cooler | <1.0 | Pass | Testing Complete |

*ppb = parts per billion

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

Follow Up Sample Results for Clarksburg High School (6/21/18)

| Barcode ID | Room Number | Location | Equipment Type | Initial draw (2nd) (PPB) | 30 Second Draw (PPB) | Status |
|---|---|---|---|---|---|---|
| M07303 | | Kitchen | Faucet | 1.7 | ND | 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.