

# 2018 Consumer Notice of Tap Water Result for Lead

RV High & Jr. High Schools, Conesville, Keene and Union Elementary Schools are public water systems (PWS) responsible for providing drinking water that meets state and federal standards. A series of 25 required drinking water sample for lead were collected at these schools. A listing of all lab results can be reviewed at the RVSD office.

**Note:** DF = Drinking Fountain

## **RV High & Jr. High School: OH1633112** - High School Building - Samples 1 Through 5 Jr. High School Building - Samples 6 Through 10

Sample 1: DF by Trophy Cases  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 2: Gym DF by Girls Locker Room  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 3: Kitchen Sink  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 4: DF West Side between Rest Rooms  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 5: 2<sup>nd</sup> Floor DF West Side between Rest Rooms  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 6: DF West Side by Room 106  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 7: Kitchen Sink  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 8: DF by Room 113  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 9: DF in Gym  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 10: DF across from Room 126  
Sample collection date: *June 26, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

## **Conesville Elementary: OH1630712**

Sample 1: DF Lower Hall by Room B10  
Sample collection date: *June 25, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 2: Girls Restroom B09  
Sample collection date: *June 25, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 3: DF by Room 104  
Sample collection date: *June 25, 2018*  
**Amount of Lead in water:** 10.1 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 4: 2<sup>nd</sup> Floor DF across from Room 206  
Sample collection date: *June 25, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 5: 3<sup>rd</sup> Floor DF by Room 305  
Sample collection date: *June 25, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

## Keene Elementary: OH1632012

Sample 1: 1<sup>st</sup> Floor DF by Room 107  
Sample collection date: *June 22, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 3: 2<sup>nd</sup> Floor DF across from Room 205  
Sample collection date: *June 22, 2018*  
**Amount of Lead in water:** 8.8 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 5: Kitchen Sink  
Sample collection date: *June 22, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 2: Boy's Restroom by Room 105  
Sample collection date: *June 22, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 4: 2<sup>nd</sup> Floor DF across from Room 206  
Sample collection date: *June 22, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

## Union Elementary: OH1633812

Sample 1: Boy's Locker Room 106  
Sample collection date: *June 21, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 3: 2<sup>nd</sup> Floor DF East by Room 210  
Sample collection date: *June 21, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 5: 3<sup>rd</sup> Floor DF across from Library  
Sample collection date: *June 21, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 2: 2<sup>nd</sup> Floor DF West by Room 206  
Sample collection date: *June 21, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

Sample 4: 2<sup>nd</sup> Floor Boy's Restroom 206  
Sample collection date: *June 21, 2018*  
**Amount of Lead in water:** < 5.0 ug/L  
**Lead Action Level:** 15 micrograms per liter (ug/L)  
This Tap Water Lead Result Was Less Than 15 ug/L

### What Is Being Done?

The 90<sup>th</sup> percentile value for lead at RVSD's water systems are: High & Jr. High School - < 5.0 ug/L, Conesville Elementary – 5.1 ug/L, Keene Elementary - 4.4 ug/L, and Union Elementary - < 5.0 ug/L. These values do not exceed the action level, therefore, there are no actions being implemented at this time other than sharing this consumer notice.

### What Does This Mean?

Under the authority of the Safe Drinking Water Act, the U.S. Environmental Protection Agency (EPA) set the action level for lead in drinking water at 15 µg/L. This means PWSs must ensure that water from taps used for human consumption do not exceed this level in at least 90 percent of the sites sampled (90<sup>th</sup> percentile value). The action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a PWS must follow. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

### What are the 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. 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. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

### **Where Can I Get Health Screenings and Testing of Blood Lead Levels?**

Information about Health Screenings are available through the Ohio Department of Health's Ohio Healthy Homes and Lead Poisoning Prevention Program. They can be contacted at 246 N High St. Columbus, OH 43215 / 614-728-4115 / 1-877- LEAD-SAFE / [www.odh.ohio.gov](http://www.odh.ohio.gov) / [kelly.harris@odh.ohio.gov](mailto:kelly.harris@odh.ohio.gov)

### **What Can I Do to Reduce Exposure to Lead if Found in My Drinking Water**

- **Run your water to flush out lead.** If water has not been used for several hours, run water for thirty seconds to two minutes before using it for drinking or cooking. This helps flush any lead in the water that may have leached from the plumbing.
- **Use cold water for cooking and preparing baby formula.** Do not cook with, drink water, or make baby formula from the hot water tap. Lead dissolves more easily in hot water.
- **Do not boil water to remove lead.** Boiling water will not reduce lead.

### **What are the Sources of Lead?**

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like rivers and lakes. Lead enters drinking water primarily as a result of corrosion, or wearing away, of materials containing lead in the plumbing. Buildings built prior to 1986 are more likely to have lead pipes, fixtures, and solder. New buildings can also be at risk, since even legally 'lead-free' plumbing may contain up to 8 percent lead. The most common problem is with brass or chrome-plated brass fixtures which can leach significant amounts of lead into water, especially hot water.

**For More Information, Please Contact:** Roger Boatman 740-824-3521; visit US EPA's Web site at [www.epa.gov/lead](http://www.epa.gov/lead); call the National Lead Information Center at 800-424-LEAD; or contact your health care provider.