

## 2016 Lead and Copper Results for MWC

MWC is currently required to monitor 30 internal customer taps in single family residences built between January 1, 1983 through June 30, 1985 for lead and copper concentrations leaching into the drinking water. MWC is on a schedule to conduct this monitoring once every three years.

<b>Lead and Copper Results collected in August 2016:</b>		
<b>Tap #</b>	<b>Lead (ppb)</b>	<b>Copper (ppb)</b>
1	0.854	971
2	0.375	<b>1200</b>
3	0.514	346
4	0.178	257
5	0.475	751
6	0.480	682
7	<b>1.370</b>	785
8	0.918	688
9	0.632	263
10	0.243	154
11	0.362	293
12	0.499	654
13	0.738	419
14	0.508	846
15	0.517	438
16	0.710	706
17	0.644	766
18	0.519	647
19	0.296	476
20	0.574	800
21	0.862	124
22	0.401	508
23	0.505	842
24	0.410	544
25	0.310	659
26	0.207	178
27	0.491	774
28	0.647	646
29	1.090	347
30	0.269	623
<b>Maximum</b>	<b>1.370</b>	<b>1200</b>
<b>Minimum</b>	0.178	124
<b>90<sup>th</sup> Percentile</b>	<b>0.862</b>	<b>842</b>

The 90th percentile value for lead is below the action level of **15** parts per billion.  
 The 90<sup>th</sup> percentile value for copper is below the action level of **1300** parts per billion.

### **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 ppb and the action level for copper at 1300 ppb. This means utilities must ensure that water from the taps used for human consumption does not exceed this level in at least 90 percent of the sites samples (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 water system must follow*. If water from the tap does exceed this limit, then the utility must take certain steps to correct the problem. 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 not known or expected risk to health*. MCLGs allow for a margin of safety.

### **For More Information**

Visit our lead tab on this website or call us at 541-774-2728. For more information on reducing lead and copper exposure around your home and the health effects of lead, visit EPA's website 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.