

Lead and Copper Rule Fact Sheet

The City of Bloomington Utilities (CBU) is in compliance with the USEPA's Lead and Copper Rule. Results of Lead and Copper testing at the Monroe Water Treatment Plant are very low, at < 1 ug/l for Lead and 20 ug/l for Copper. According to the USEPA's Lead and Copper Rule, the Action Limit for Lead is 15 ug/l and 1300 ug/l for Copper. Lead and Copper are regulated by the federal Safe Drinking Water Act, under the United States Environmental Protection Agency's (USEPA) Lead and Copper Rule (LCR).

One of the best mechanisms to keep lead levels low (even inside houses that might have lead components) is to keep our water from being corrosive. CBU goes to great lengths at our water treatment facility and in our distribution system to make certain that our water is not corrosive, which helps prevent lead and copper leaching from residential, in-home plumbing.

Besides regular testing of the overall system, Lead and Copper Rule samples are obtained from a list of over 95 residential customers known to have lead service lines or copper pipes with lead solder in the home. IDEM currently requires CBU to sample at the tap for Lead and Copper every three years, in 30 homes. In Indiana, Lead and Copper samples are obtained between May and September.

Compliance with the LCR is based on a calculation of the 90th percentile of the data. The 90th percentile Action Limit for Lead is 15 ug/l and 1300 ug/l for Copper. Micrograms per liter (ug/l) is equal to parts per billion (ppb). One part per billion is roughly equal to a teaspoon of water in an Olympic-size swimming pool.

CBU customer's concerned about Lead and Copper can contact the Water Quality Office for free, in-home Lead and Copper testing.

CBU's 2013 Lead and Copper Rule data report is available on the B-Clear website.

CBU's 90th Percentile data for the Lead and Copper Rule:

<u>Year</u>	<u>Lead Result</u>	<u>EPA Lead Action Limit</u>	<u>Copper Results</u>	<u>EPA Copper Action Limit</u>
2004	4.4 ug/l	15 ug/l	21 ug/l	1300 ug/l
2005	5.2 ug/l	15 ug/l	18 ug/l	1300 ug/l
2006	5.2 ug/l	15 ug/l	18 ug/l	1300 ug/l
2007	5.2 ug/l	15 ug/l	18 ug/l	1300 ug/l
2008	3.8 ug/l	15 ug/l	12 ug/l	1300 ug/l
2008	3.8 ug/l	15 ug/l	12 ug/l	1300 ug/l
2010	5.6 ug/l	15 ug/l	44 ug/l	1300 ug/l
2011	4.0 ug/l	15 ug/l	25 ug/l	1300 ug/l
2012	3.7 ug/l	15 ug/l	23 ug/l	1300 ug/l
2013	7.0 ug/l	15 ug/l	30 ug/l	1300 ug/l
2014	6.3 ug/l	15 ug/l	31 ug/l	1300 ug/l
2015	6.3 ug/l	15 ug/l	31 ug/l	1300 ug/l