



# St. James Parish Utilities

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## Lead and Copper Transparency Rule

Lead and Copper enters drinking water primarily through plumbing materials. Lead in household water usually comes from the plumbing in your house, not from the **local water supply**.

The treatment technique for the rule requires systems to monitor drinking water at customer taps. If Lead concentrations exceed an action level of 15ppb or copper concentration exceed an action level of 1.3 ppm in more than 10% of customer taps sampled, the system must undertake several additional actions to control corrosion.

St James Parish water utility performed a materials evaluation of their system and determined that the water districts **does not have any lead service lines**. The Lead and Copper Rule requires that next highest risk Tier 1 location are used to establish LCR monitoring sites. Tier 1 sites consist of single-family structures that contain copper pipes with lead solder installed after 1982 but before 9/20/1988 or contain lead pipes. If PWS does not have enough Tier 1 sites to choose from then it would use Tier 2 sites consist of buildings, including multi-family residence that contain copper pipes with lead solder installed after 1982 but before 9/20/1988 or contain lead pipes. Tier 3 sites consist of single-family structures that contain copper pipes with lead solder installed before 1983.

Below are the previous 15 years of Lead and Copper results from for St. James Parish Water District #1 (East Bank) and St. James Parish Water District #2 (West Bank). All results are below action levels set by the Environmental Protection Agency (EPA)

St. James Water District #1 (East Bank)

St. James Water District #2 (West Bank)

Year	Lead 90 <sup>th</sup> Percentile	Copper 90 <sup>th</sup> Percentile		Year	Lead 90 <sup>th</sup> Percentile	Copper 90 <sup>th</sup> Percentile
2017	2 ppb	0.5 ppm		2017	1 ppb	0.5 ppm
2014	1ppb	0.4 ppm		2014	1 ppb	0.4 ppm
2011	2 ppb	0.3 ppm		2011	3 ppb	0.9 ppm
2008	1 ppb	0.3 ppm		2008	2 ppb	0.4 ppm
2005	0 ppb	0.41 ppm		2005	0 ppb	0.35 ppm

**Action levels for Lead is 15 part per billion (ppb)**  
**Action levels for Copper is 1.3 parts per million (ppm)**

## **Action You Can Take to Reduce Lead in Drinking Water**

### **A. Flush your pipes before drinking**

Any time water in a particular faucet has not been used for six hours or longer, **FLUSH** your cold-water pipes by running the water until it becomes as cold as it will get.

### **B. Only use cold water for consumption**

Use only water from the cold-water tap for drinking, cooking and **especially for making baby formula**.

Hot water is likely to contain higher levels of lead.

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