

Based upon a materials inventory and investigation first conducted as a requirement of the Lead and Copper Rule, St. Charles Parish Water District #1 (East Bank) and District #2 (West Bank) have no records or information indicating that there are any service lines in its water distribution system containing lead.

Since **St. Charles Parish does not have any lead service lines in its systems**, the Lead and Copper Rule requires that the next highest risk Tier 1 locations are used to establish Lead and Copper monitoring sites. All of the monitoring locations in St. Charles Parish are Tier 1 sites. Tier 1 sites consist of single-family structures that contain copper pipes with lead solder installed after 1982 or contain lead pipes. Any system with insufficient Tier 1 sites would use Tier 2 sampling sites consisting of buildings, including multi-family residences that contain copper pipes with lead solder installed after 1982 or contain lead pipes. Tier 3 sites consist of single-family structures that contain copper pipes with lead solder installed before 1983.

The following are the previous twenty years of Lead and Copper analytical results for the two Water Districts serving St. Charles Parish. The U. S. Environmental Protection Agency set **“Action Levels” of 15 parts per billion (ppb) for Lead and 1.3 parts per million (ppm) for Copper**. Corrective actions must be taken if lead and copper concentrations exceed their action levels in more than 10% of the samples collected. All of the sample results are well below the action levels set by EPA.

St. Charles Parish Department of Waterworks (East Bank and West Bank) (District #1 and #2 Combined in 2019)
PWSID #: LA1089001

| <u>Year</u> | <u>Lead 90th Percentile</u> | <u>Copper 90th Percentile</u> |
|-------------|--|--|
| 2020 | 1 ppb | 0.2 ppm |
| 2019 | 2 ppb | 0.2 ppm |

St. Charles Water District #1 (East Bank)
PWSID #: LA1089001

| <u>Year</u> | <u>Lead 90th Percentile</u> | <u>Copper 90th Percentile</u> |
|-------------|--|--|
| 2017 | 2 ppb | 0.3 ppm |
| 2014 | 3 ppb | 0.3 ppm |
| 2011 | 2 ppb | 0.3 ppm |
| 2008 | 1 ppb | 0.2 ppm |
| 2006 | 0 ppb | 0.7 ppm |
| 2002 | 2 ppb | 0.4 ppm |

St. Charles Water District #2 (West Bank)
PWSID #: LA1089002

| <u>Year</u> | <u>Lead 90th Percentile</u> | <u>Copper 90th Percentile</u> |
|-------------|--|--|
| 2016 | 2 ppb | 0.4 ppm |
| 2013 | 1 ppb | 0.4 ppm |
| 2010 | 1 ppb | 0.3 ppm |
| 2007 | 2 ppb | 0.3 ppm |
| 2004 | 3 ppb | 0.5 ppm |
| 2001 | 2 ppb | 0.7 ppm |