

Lead & Copper Historical Results

Lafourche Parish Water District No. 1

PWSID #1057001

<u>Lead 90th Percentile Results (mg/l)</u>	
2022	0.000
2019	0.001
2016	0.000
2013	0.001
2010	0.003
2007	0.004
2004	0.008
2001	0.002
1998	0.001
1995	0.001
1992	0.003
1992	0.001

<u>Copper 90th Percentile Results (mg/l)</u>	
2022	0.2
2019	0.2
2016	0.1
2013	0.2
2010	0.2
2007	0.4
2004	0.2
2001	0.2
1998	0.1
1995	0.1
1992	0.0
1992	0.0

Definitions:

90th percentile - the concentration of Lead or Copper in the highest 10% of samples collected. It's used to determine if a water system is in compliance with the Lead and Copper Rule, which requires that the concentration of Lead and Copper in at least 90% of samples be less than or equal to the action level.

Action level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. A water system has exceeded the action level when the 90th percentile value is greater than **0.015 mg/l** for Lead or greater than **1.3 mg/l** for Copper.

How the 90th percentile is calculated:

- 1 The results of all Lead or Copper samples taken during a tap sampling period must be placed in descending order from the sample with the highest concentration of Lead or Copper to the sample with the lowest concentration of Lead or Copper. Each sampling result must be assigned a number, in descending order, beginning with the total number of samples taken matching the highest concentration of Lead or Copper. The number assigned to the sample with the lowest concentration must be equal to the number 1.
- 2 The number of samples taken during the tap sampling period must be multiplied by 0.9.
- 3 The 90th percentile concentration is the concentration of Lead or Copper in the numbered sample yielded after multiplying the number of samples by 0.9 in the previous step above.
- 4 If the 90th percentile value is less than or equal to the action level, the water system remains in compliance with the Lead and Copper Rule.

If you have any questions concerning the information provided, please contact our Lead and Copper Administrator at 985-532-6924.