



## Distribution System Lead Sample Results 1995 -2022

Before 2019, we were unable to detect lead in our laboratory below one part per billion, even with the best available technology - 1 part per billion (ppb) is equivalent to 1 second in approximately 32 years. Due to advances in technology, we are now able to detect lead more precisely and accurately at parts per trillion (ppt) levels – 1 part per trillion (ppt) is equivalent to 1 second in almost 32,000 years. This means that where we once would not have detected any lead, we are now able to. As a result, our 2019 and 2022 analysis reflects an increase in sensitivity, precision and accuracy rather than an increase in the level of lead in our water.

Year	Lead 90th Percentile ppb
1995	10.0
1996	9.0
1998	9.0
2001	8.0
2004	2.0
2007	1.9
2010	1.2
2013	1.5
2016	<1.0
2019	1.6
2022	1.0
<b>Lead Action Level ppb</b>	
15.0	

