

Bistone Water



At Your Service

Bistone Municipal Water Supply District

News Release

January 21, 2021

In 2016, Bistone MWSD's budget allowed for the drilling of an additional water well to provide redundancy on a previously owned site the District had since 1981. The completed well was tested for capacity and for compliance with federal drinking water quality standards. The well is capable of producing 150 gallons per minute or 200,000 gallons per day. All the documents were submitted to the state regulatory agency for approval.

There was an ongoing tragic event in Flint, Michigan that affected the approval process of all new water sources, in Texas, starting in 2014. This tragic event happened when the City of Flint, Michigan changed raw water sources without proper corrosion potential studies, the result was numerous children were exposed to high levels of lead. The Texas regulatory agency in charge of approving new drinking water wells developed a very detailed and conservative approach to ensure an event like what transpired in Flint, Michigan never happens in Texas. As a result of this conservative approach, the Texas Commission on Environmental Quality (TCEQ) was unable to approve the use of the District's new well until additional treatment was provided as outlined in a letter from TCEQ dated February 23, 2018.

In 2020, Bistone Municipal Water Supply District completed a new chemical feed system to limit corrosion potential from the well water. The District will begin adding orthophosphate in the treatment process to all of our water wells. Orthophosphate works by adding a protective coating layer to the inside of pipes and plumbing. This helps protect water consumers if the pipes and plumbing in your home, school, office or place of worship are made from lead or lead-containing materials.

While there is no history of Bistone, or its customers, exceeding state or federal drinking water standards, orthophosphate is being added as a proactive protection measure. Studies have shown that orthophosphate is very successful at reducing the potential for lead and copper to leach into the water from plumbing or fixtures. Orthophosphate is approved and recommended by EPA for controlling corrosion of lead and copper in water systems. Not only is orthophosphate approved for use by EPA, it is also approved by the Food and Drug Administration and certified by the National Sanitation Foundation, an independent international testing organization that certifies and writes standards for products, food, air, water and consumer goods in use. The amount of orthophosphate that will be added to water for your protection is very small – about 3 mg per liter. By comparison, one can of many soft drink brands can contain more than 500 times that amount. This notice is provided to inform all of our customers of this change of treatment that is being required to begin.

If you have any questions or concerns, you may call R. Brent Locke, General Manager, Bistone Municipal Water Supply District at 254-562-5922. You may also choose to go to the following reference pages linked below.

The reference pages are:

[FAQs About Lead and Orthophosphate - Water & Utilities \(arlingtonva.us\)](https://www.arlingtonva.us/FAQs/About-Lead-and-Orthophosphate-Water-Utilities)

[How Orthophosphate helps keep your drinking water safe from lead | Cleveland Water Department](https://www.clevelandwater.com/orthophosphate)

Sincerely,

R. Brent Locke
General Manager
Bistone Municipal Water Supply District

