

A water system's source of water is the driving factor behind its taste. Due to Buckeye's geographic location, our groundwater naturally contains minerals such as calcium, sodium, and magnesium known as Total Dissolved Solids (TDS). These minerals are part of our natural environment here in the Buckeye area. They are not harmful, but they will affect the way our water tastes, smells, or feels (such as water hardness).

Buckeye's water meets or surpasses all U.S. Environmental Protection Agency (EPA) drinking water standards for primary

contaminants such as arsenic, fluoride and nitrates. Primary contaminants have been shown to have direct effects on one's health. The EPA sets what are called secondary standards for TDS, which are guidelines based on taste and appearance rather than safety. It's important to know that these minerals do not pose a risk to human health.

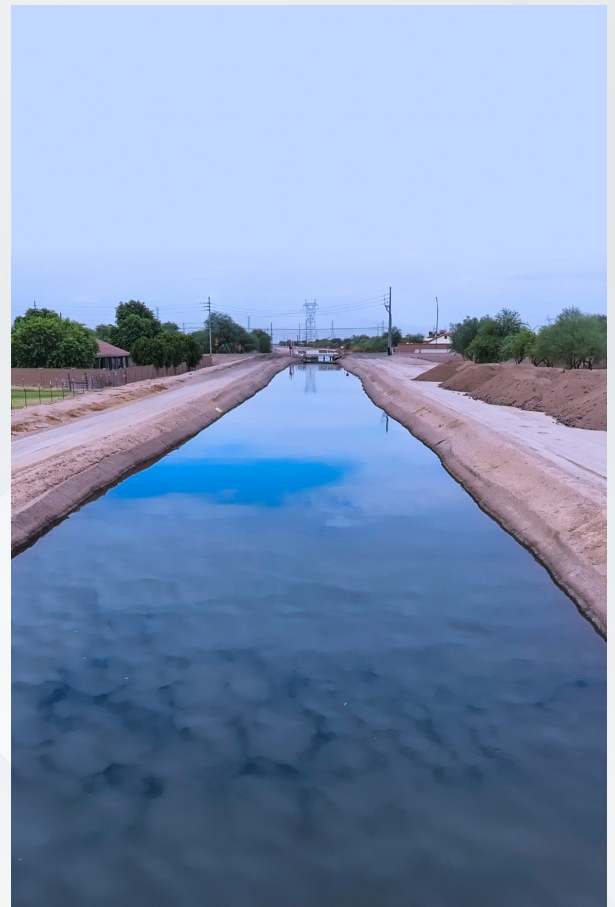
We recognize water taste can be subjective and personal; however, our team continually monitors and tests the city's water to ensure it remains safe and reliable for all residents.

TOTAL DISSOLVED SOLIDS (TDS)

The taste of mineral-rich water is common throughout much of the Southwest because a water system's source of water is the driving factor behind its taste. Due to Buckeye's geographic location, our groundwater naturally contains minerals such as calcium, sodium and magnesium known as Total Dissolved Solids (TDS). These minerals are part of our natural environment here in the Buckeye area. They are not harmful, but they will affect the way our water tastes, smells or feels (such as water hardness). The treatment methods required to lower TDS are quite expensive.

TDS levels vary depending on where you live and which wells serve your area. All our water campuses, focus on removing regulated contaminants — things that impact health, like arsenic or nitrates.

TDS, on the other hand, affects taste but not safety. Reducing it further would require expensive treatment processes, which would raise everyone's rates significantly. Right now, we're focused on balancing safety, cost, and efficiency over taste. With increased revenues, we'll be able to expand treatment for TDS in the future.



WATER QUALITY REPORTS

We want to assure you that Buckeye's drinking water meets and often surpasses all safety standards set by the EPA and the Clean Water Act. Our certified water operators and regulatory compliance officers test the system daily and perform more than 150 tests on each new well. We also work closely with state and county agencies to make sure your water is safe 24/7, every day of the year.

The city is required to annually publish Water Quality Reports which are available online anytime at: buckeyeaz.gov/community/residents/water-resources/water-facts.