Water Reuse

A Sustainable and Safe Solution to a Short Supply

Texas' population is expected to grow by **82%** in the next **50 years!**

This means, in that time, Texas must provide drinking water to more than **43.3 million** people across the state (GULP). Water reuse is an important part of the solution.

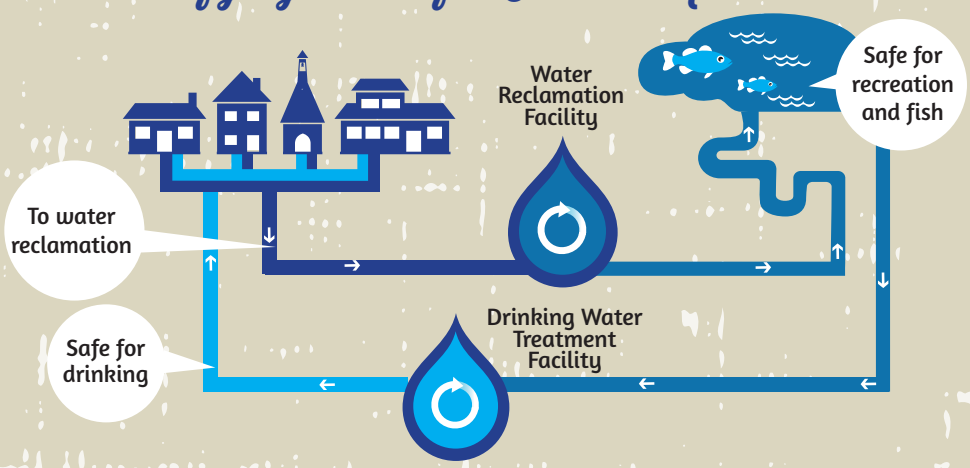
With our state suffering through a serious drought, water reuse provides **safe and sustainable water** for Texans today and in the future.

All water is reused water. In fact, the water in your glass was once in the sap from a tree or the blood of a dinosaur. It has been there before. **Water is water.**

Did you know all surface waters must be treated to drink, and that the water reuse purification process provides the **SAFEST water on the planet?**

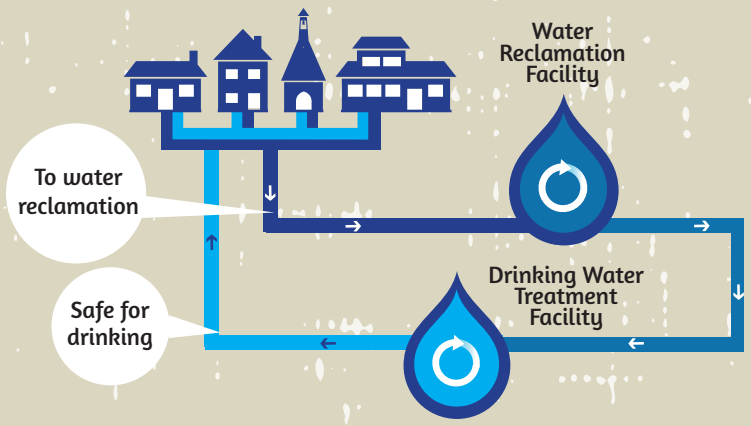
Water Reuse and Purification Process

Purifying Water for Indirect Reuse



The **Purifying Water for INDIRECT Reuse process** returns reclaimed water that is safe for recreation and fish to lakes and streams before withdrawal. The water is then purified further, removing contaminants common in lakes and streams, to make it safe for drinking. The facilities are operated by highly trained, certified, licensed and dedicated professionals. This process is the most commonly used reuse process today in Texas and the nation.

Purifying Water for Direct Reuse



The **Purifying Water for DIRECT Reuse process** avoids returning the water to lakes and streams where it can become contaminated. Following cleaning at the Water Reclamation Facility, the water is purified further at a Drinking Water Treatment Facility to make it safe for drinking. Advances in treatment technologies make this process safe, reliable, and a cost effective water supply source. This process is a big part of Texas' future water supply.

Water reuse is a **drought resilient, safe, and sustainable** way to ensure we have enough water for Texans today and for generations to come. Support your water utility and direct reuse projects.

Visit **www.weat.org** to learn more about Texas water.

WEAT
Water Environment Association of Texas