



What Quality Control Parameters Safeguard Our Water?

Residual chlorine and bacteriological activity is continuously monitored to ensure Bryan's drinking water is safe. These measures are supplemented by inspections performed by the Texas Commission on Environmental Quality (TCEQ).

Additional safe guards to protect water quality include monthly flushing of dead end water mains and requirements for backflow prevention devices to be installed between the water distribution system and all unknown water sources. Further information on pollutant testing can be found by visiting the Water Services Department's web page at www.bryantx.gov or by contacting the Public Works Call Center at (979) 209-5900.



We can be reached at
(979) 209-5900
pwcc@bryantx.gov
www.bryantx.org

The Source of Your Drinking Water

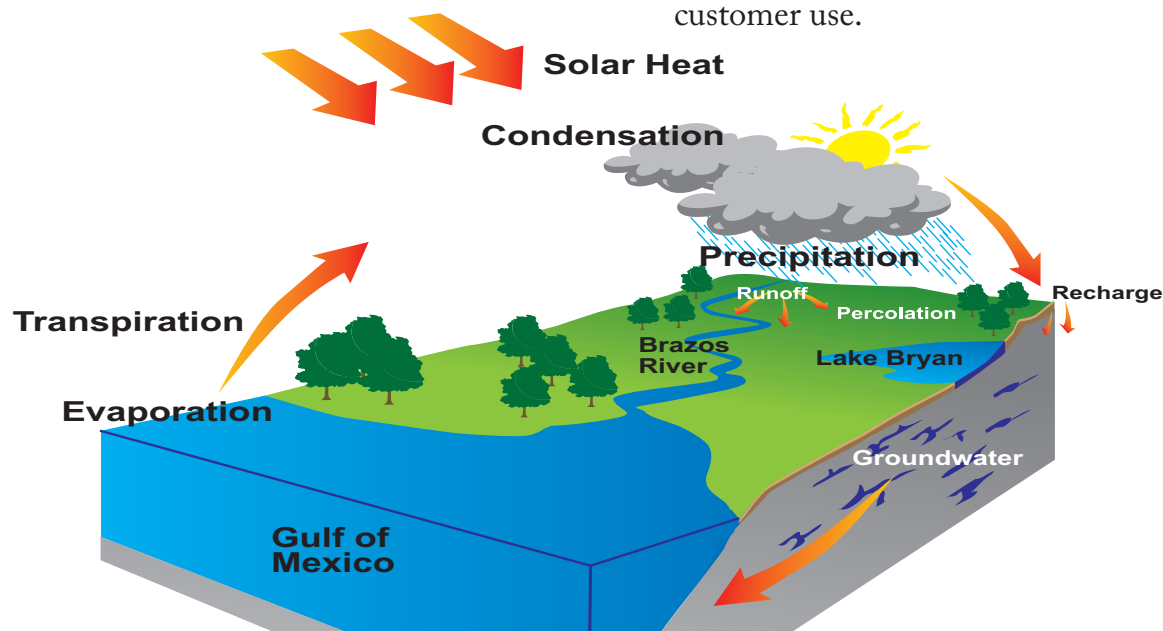


CITY OF BRYAN
"The Good Life, Texas Style"

Where Does My Drinking Water Come From?

Bryan's drinking water comes from the Carrizo-Wilcox Aquifer located more than 2,800 feet beneath the land surface. This water originates from precipitation that falls in the form of rain and then seeps into the ground. This process is part of what is known as "the water cycle."

The water cycle is a never-ending cycle where water evaporates, travels into the air and becomes part of a cloud, falls down to earth as precipitation, and then evaporates again. During this process, water is continually changing from a solid to a liquid to a gas.



How Does Bryan Treat My Water?

Removal of heat from the raw water is the first step in treatment because the raw water has a temperature of 116°F. The water's temperature is a result of thermal heating associated with the aquifer's depth. The water is passed through cooling towers to achieve a water temperature of about 88°F.

After temperature adjustment, the water is disinfected with chlorine to guard against biological contamination. The cooled and disinfected water is then pumped into large ground storage reservoirs until it is introduced into the distribution system for customer use.

How Does Water Get To My Faucet?

Large pumps route water to our homes and businesses by introducing water from the ground storage reservoirs into the water distribution system. A portion of water is also pumped to elevated storage reservoirs to ensure water demands are met in the event of a power failure or downed equipment.

