

Preparing for the Future: Delivering Water from New Sources

Part of our continuing series showing how water gets to your home

As the NFBWA continues the transition from groundwater (water from sources such as aquifers) to surface water (sources such as rivers and lakes), the NFBWA is looking to the future to ensure the area's growing population has the water it needs now and for tomorrow.

Combatting Subsidence

NFBWA has been working diligently over the last decade to decrease the area's reliance on groundwater in order to slow down, and, ideally, stop subsidence. The U.S. Geologic Survey (USGS) and the Fort Bend Subsidence District (FBSD) monitor the water and ground compaction levels in Fort Bend County to determine if NFBWA's efforts are helping slow down the gradual sinking of the ground's surface. Please visit txpub.usgs.gov/houston_subsidence/home/ and fortbendsubsidence.org to learn more about what you can do to help and see how our area compares to the rest of the Houston region.

The Surface Water Supply Project

As detailed in NFBWA's Winter 2017 newsletter, the Northeast Water Purification Plant (NEWPP), once expanded, will treat over 320 million gallons of surface water every day. This surface water will begin its journey in the Trinity River, then transfer through the Luce Bayou Interbasin Transfer Project to Lake Houston, where it will be drawn out and treated by the NEWPP. The Surface Water Supply Project (SWSP) will then transfer this treated water through approximately 39 miles of 8-foot diameter pipeline from the NEWPP to two large pump stations that will then distribute the water throughout NFBWA. NFBWA shares capacity in the SWSP line with the West Harris County Regional Water Authority. Please visit www.surfacewatersupplyproject.com/ to learn more.

