

Preparing for the Future: The Surface Water Supply Project

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

What Is the Surface Water Supply Project?

The Surface Water Supply Project (SWSP) is a joint project between the West Harris County Regional Water Authority and the North Fort Bend Water Authority.

The SWSP consists of 39 miles of 65 to 96-inch waterlines, stretching across north Houston from Lake Houston to just west of the intersection of the Katy Freeway and the Grand Parkway. The SWSP will receive surface water from the City of Houston's Northeast Water Purification Plant (currently being expanded) and carry it across town with the help of two pump stations to deliver water to municipal utility districts (MUDs) and other cities within both water authorities.

Where Does the Water for the SWSP Come From?

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. NFBWA shares capacity in the SWSP line with the West Harris County Regional Water Authority. To learn more please visit www.surfacewatersupplyproject.com.

How Is the Water Tested?

The NFBWA monitors and adjusts the water quality of the water received from the City of Houston at the locations indicated below. Then the water is sent to water plants within NFBWA boundaries. Each MUD then tests and adjusts the water quality again before sending it to residents. This method of consistent monitoring ensures the water quality meets Texas Commission on Environmental Quality and Environmental Protection Agency standards.

