

BPUB Water

There when you need it.

DRINKING WATER MONTH

BPUB's three treatment plants have the capacity to provide 50 million gallons of treated water per day and can serve a population of more than 150,000.

Water Sources

Rio Grande - Water is pumped from the Rio Grande into BPUB's reservoirs. Our reservoirs provide 186 million gallons of total storage capacity, a 6- to 7-day supply for the city.

Groundwater - BPUB pumps brackish groundwater from wells located northeast of Brownsville.



Water Treatment

Advanced treatment (reverse osmosis and microfiltration membrane systems) is used for more than 30% of Brownsville's drinking water needs.

Conventional treatment (flocculation, sedimentation, filtration) is used to provide approximately 70% of the drinking water supply.

Infrastructure

Three elevated storage tanks hold up to 5 million gallons of drinking water for emergency use (e.g., power outage, fire flow).

Construction on a new water tower in the Southmost area is underway and expected to be online later this year.



Resacas

BPUB's Resaca Restoration Project aims to restore our resaca systems to their original depths by dredging sediment, trash and other debris built up over the years.

This project will not only help water flow in these waterways, but it will also restore fauna and wildlife found in these unique ecosystems.



TIPS FOR CONSERVATION

- Check your faucets for drips. It might not seem like much, but your water consumption can really add up and increase your next bill.
- Water your garden before sunrise or after sunset only twice a week to slow down the water evaporation process for your plants.
- Reduce non-essential water consumption like washing your driveway or other hard surfaces.