

# Southmost Regional Desalination Plant

Municipal Potable Water Supply



**Year:** 2004

**Start-Up Date:** 11/2004

**Client/Owner:** Brownsville Public Utilities

**Engineer:** NRS

**Location:** Harlingen, TX, USA



**Application:** Municipal Potable Water

**Scope of Work:** Complete turnkey contract for all equipment, installation and start-up services for a new RO facility. DHT scope was for all pre-treatment, RO equipment and post treatment processes.

**Operation Data:** Feed water TDS: 3,210 PPM,  
(Avg. of 20 Wells) Permeate TDS: > 50,  
Permeate flow: 694 GPM,  
Recovery: 75%,  
Other: Feed Water Flow: 926 GPM

**Capacity:** 6 x 1,000,000 GPD

**Project Summary:** Complete turnkey contract for all equipment, installation and start-up services for a new RO facility. DHT scope was for all pre-treatment, RO equipment and post treatment processes.

