



Just the Facts...

Factoids...

💧 Within the Authority's boundaries, there are:

- Approximately 226 square miles
- Estimated 311,000 people
- 118 Water Districts
- Includes the City of Katy

💧 To date, the Authority's system includes:

- One pump station
- Approximately 51 miles of transmission mains
- An electronic monitoring system
- Web based GIS System

💧 About Pump Station #1

- Firm capacity of 37,500 gpm
- Began operation on June 24, 2008
- Construction cost = \$16.3 million
- Average Daily Flow 28.25 million gallons a day (MGD)
- Currently, have 5 Million Gallon (MG) storage capacity
- Under construction -- additional 10 MG storage in 2010
- Two 2MW Emergency Generators

💧 WHCRWA Flows:

- In 2009, the Authority delivered 11.2 MGD Surface Water (out of a total of 59.5 MGD demand)
- In 2020, estimated 49.0 MGD Surface Water (out of an estimated total of 70.0 MGD demand)
- In 2030, estimated 68.7 MGD Surface Water (out of an estimated 85.9 MGD demand)

💧 Ongoing Projects

- Luce Bayou -- CWA Project for benefit of COH, WHCRWA, NFBWA, NHCRWA, CHCRWA
 - Transfers raw water from Trinity River to Lake Houston
- Second Source Project -- Joint WHCRWA/NFBWA
 - Projected 96" line, 40 miles long
 - From City of Houston's NE Water Plant to West Harris County
 - Estimated cost -- \$450 million