WATER for TEXAS

Water for the Future

Kathleen Jackson, Director
OUR MISSION

To provide leadership, information, education, and support for planning, financial assistance, and outreach for the conservation and responsible development of water for Texas.
• Conservation
• Reuse
• Brackish groundwater desal
• Seawater desal
• Aquifer storage and recovery
• Aquifers
• Reservoirs
• Local Political Subdivision serves as administrator
• Public, consensus-driven
• Local/regional decision making process
2017 STATE WATER PLAN

Water Supply Strategies 2020-2070

5,500 strategies

$63 billion

2012 Plan
- Total Cost: $55.6 billion
- Strategies: 3,750
- Conservation: $1 billion
- Conservation and Reuse: 34% of water volume in plan

2017 Plan
- Total Cost: $63 billion
- Strategies: 5,500
- Conservation: $4.4 billion
- Conservation and Reuse: 45% of water volume in plan
TOTAL SWIFT COMMITMENTS

2015
$3,793,370,000*

2016
$759,255,000

2017
$1,052,915,000

$5,605,540,000

* Reflects subsequent adjustment based on actual closings.
• TWDB has committed over $24.5 BILLION in loans and grants since inception (1957)

• TWDB has committed over $1 BILLION TO RURAL ENTITIES (population<10,000) in loans and grants in the last 10 years

Note: The Funded amount and the number of Commitments represent the total amount and number of initial commitments made since the Agency’s inception. These amounts have not been reduced for any projects that did not close on the TWDB’s financial assistance.
INFRASTRUCTURE REHAB & REPLACEMENT

• Have you developed a Capital Improvement Plan (CIP)?
• Are you aware of existing infrastructure needs?
• Are you replacing infrastructure pro-actively rather than re-actively?
Regional Water Project Teams

Team 1 Panhandle/West
- Lee Huntoon
  - Team Manager
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Team 2 Brazos
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Team 3 Northeast
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Team 4 East
- Nancy Richards
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Team 5 Central
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Team 6 South
- Mireya Loewe
  - Team Manager
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City of Marfa
Additional Water Well

- Drill and equip a new water well to replace existing well that has reached the end of its projected useful life
- City currently operates 2 water wells
- $705,000 through first round of State Water Implementation Fund for Texas (SWIFT) funding
- Rural project
• Construct new storage tanks to replace those not meeting TCEQ criteria

• Provides service to Dime Box, TX

• Service population of 390

• Qualified for very small systems funding

• Drinking Water State Revolving Fund (DWSRF) $525,000 and $351,839 Loan Forgiveness (Very Small Systems)
City of Arlington

Replacement of Sanitary Sewer Lines

- Replacing existing sanitary sewer lines in targeted areas that have the most deteriorated lines
- Replacing approx. 19,075 linear feet of water lines with 4 to 24 inch piping
- Clean Water State Revolving Fund $4,775,000 and $826,861 Loan Forgiveness for Green Project Funding
Tarrant Regional Water District & City of Dallas Water Utility
SWIFT = $440 million
LUCE BAYOU INTER BASIN TRANSFER PROJECT

Houston Area
Combined SWIFT Projects
Total Project Cost = $3,200,310,000

Team 4
DFund loan = $255,000,000

Firm yield is expected to increase
600,000 acre-feet ➔ 690,000 acre-feet per year
TWDB FUNDED PROJECTS

Hidalgo County Irrigation District #1
SWIFT - $7,100,000
Ag Irrigation Conveyance System Improvements

United Irrigation District
SWIFT - $8,100,000
Off Channel Storage Facility

Team 6
IMPACT OF HURRICANE HARVEY FLOODING – SOUTHEAST TEXAS

TEXASFLOOD.org
What to Do? Before, During, and After a Flood
<table>
<thead>
<tr>
<th>Location *</th>
<th>Date</th>
<th>Building Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plainview</td>
<td>September 12, 2017 – 10 a.m.</td>
<td>Plainview Civic Center</td>
<td>2902 W. Fourth St. Plainview, TX</td>
</tr>
<tr>
<td>Nacogdoches</td>
<td>October 3, 2017 – 9 a.m.</td>
<td>C.L. Simon Recreation Center/Library</td>
<td>1112 North St. Nacogdoches, TX</td>
</tr>
<tr>
<td>El Paso</td>
<td>October 10, 2017 – 2 p.m. Mountain Daylight Time</td>
<td>Rio Grande COG Patriot Plaza</td>
<td>8037 Lockheed Dr., Ste 100 El Paso, TX</td>
</tr>
<tr>
<td>Yoakum</td>
<td>November 7, 2017 – 10 a.m.</td>
<td>Texas Department Of Transportation-Training Room</td>
<td>403 Huck Street Yoakum, TX</td>
</tr>
<tr>
<td>Edinburg</td>
<td>December 12, 2017 – 9 a.m.</td>
<td>Edinburg Conference Center at Renaissance</td>
<td>118 Paseo Del Prado Edinburg, TX</td>
</tr>
<tr>
<td>Glen Rose</td>
<td>January 9, 2018 – 1 p.m.</td>
<td>Somervell County Water District, Administrative Office-Board Room</td>
<td>2099 County Road 301 Glen Rose, TX</td>
</tr>
</tbody>
</table>
San Antonio Water System (SAWS)
H2Oaks Center – Brackish Desal Plant

City of Kirbyville
Jasper County
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