33rd Annual Governor's Water Conference & 10th Annual Water Resources Research Symposium
Tulsa, Oklahoma

Presented by Ken Klaveness
Executive Director, Trinity Rivers
November 14, 2012
Trinity Key Points

– Connects D/FW to Houston
– Supplies water to ~40% of Texas population
– 8 million people in the basin
– 512 miles long
– 1,983 miles of tributaries
– 18,000 square miles (7% of Texas)
Texas’ Projected Growth

Millions of Texans

- 2000: 20.8
- 2010: 24.9
- 2020: 29.1
- 2030: 33.1
- 2040: 36.9
- 2050: 41.1
- 2060: 45.6
The Challenges

- Rapidly increasing population
- Poor water quality
- Habitat loss
- Declining wildlife populations
- Reduced recreational opportunities
Water Quality

• 2010 Water Quality Inventory and CWA 303(d) List
  – 37 segments “impaired”
  – 67 segments of concern
  – 4 segments delisted from 303(d)
  – 7 segments added
  – 27 of 37 impaired segments due to bacteria
Trinity River Basin Restoration Initiative

- Governor’s 2006 Announcement
- Improve water quality by habitat restoration
- Build capacity of Trinity Waters
- Foster natural resources conservation culture
Trinity River Basin Restoration Initiative Projects

- Chambers Creek Water Quality Initiative with NRCS
- Western Navarro Bobwhite Restoration Initiative, or WNBRI
- Cost share with USFWS
- Water As A Crop™
Conservation Example

Chambers Creek Water Quality Initiative

• Joint project with NRCS and local SWCDs announced May 2012
• $5.4 million in financial assistance for 60 contracts
• Conservation practices that benefit water quality and soil health
Conservation Example

USFWS Cost Share

• 50% cost share with USFWS
• 200 acres of wetlands and bottomland hardwoods
• 400 acres of cropland seeded to native prairie
A Strategic Approach to Bobwhite Recovery in the Western Trinity River Basin
Conservation Example

Water As A Crop™

• Empowering people to enhance water resources on their land
• Education and financial incentives
• Riparian buffers

Photo courtesy of Sand County Foundation
Challenges: Quality & Quantity
Massive Soil Loss/Rapid Runoff
1. Selected a site in central Texas that provides water to Fort Worth
2. Site is in agriculture and initiative will help it stay in agriculture
3. Availability of local partners
4. Good value to lead replication elsewhere
5. Probably most important water supply in Texas
Great Beer, Great Responsibility

Private sector has an enormous stake in helping solve the water crisis.
Make More Beer. Use Less Water.
Ensuring a Secure Future Through Water Stewardship

- Water efficiency
- Wastewater management
- Watershed assessment
- Water footprinting
- Community investment
Restoration of the Trinity Basin is a Common Link Between Urban and Rural Texans
• Landowners at the forefront
  – Neighbor working with neighbor
  – Proactive stance can prevent future, unnecessary regulation
  – Magnify conservation dollars
  – Develop resource management leadership
Contacts

Ken Klaveness
Executive Director, Trinity Waters
ken@trinitywaters.org or 214-454-4000

Blake Alldredge
AgriLife Extension Associate
balldredge@tamu.edu or 979-845-0916