Accelerate development and adoption of new and innovative technologies to solve emerging water problems and meet future water supply needs.
WCTC effort will be organized in support of the Texas Water Resource Plan with initial focus on:

- Water Conservation
- Water Reuse
- Groundwater Desalination
- Energy Development and Water Use
Operating Mode

Applied Technology rather than basic research, heavy into Private / Public partnerships

Expect to utilize testing and validation, technology transfer and training, extension education.
Flexibility a key characteristic. We expect to participate any way that contributes to development of resources, and efficient utilization of resources.
Conceived in a partnership between TCAT - (Texas Center for Applied Technology) and Texas Water Resources Institute with close cooperation of:

- Texas A&M AgriLife Research
- Texas A&M AgriLife Extension Service
- Texas A&M Engineering Experiment Station
- Texas A&M University – San Antonio
Collaboration is another key characteristic. WCTC will be to work with water purveyors, regulators, industry groups, inventors, energy producers and others to identify opportunity and then select from resources of A&M to form team to address the issue, fill the gap. We will also work closely with other education and research entities.
TCAT is analyzing SAWS energy use in relation to its water distribution, treatment, and programs. The analysis will identify ways to reduce energy use in SAWS production so ratepayer funds can be used for conservation or new water supplies.
Regional Conservation Program. We are in an advanced stage of negotiations for the Center to play a key role in expanding Conservation programs to the smaller communities in Edwards Aquifer Region.

The coordination role will include small cities but also target rural exempt well pumpers. Part of the reason the Edwards Aquifer Authority and the EA HCP Implementing Group was attracted to the partnership with WCTC is our ability to bring AgriLife Extension agents in each county into action to mobilize exempt well users.
Feasibility of Using Brackish Water from the Edwards Aquifer as a New Water Source.

Project is just in the discussion stages but Texas A&M UTSA and Texas State are collaborators in the discussions and expect to do so in the actual study.
In August WCTC sent out the first installment to 10 different newspapers of weekly columns with the WCTC header. The expectation is that we will expand that distribution over the next few months.
WCTC in close coordination with the Texas A&M – San Antonio will seek to serve as “middleman” between citizens, local government, groundwater districts, schools, Railroad Commission and fracing industry to help smooth out the energy/water nexus.
When Every Drop Counts, Challenges and Opportunities in Texas

Plumbing Technology Firm

Discussing a laboratory performance testing effort and develop and conduct “Real Life Testing” program for a new high efficiency toilet.
• Inventory Resources
• Spread the Word – conferences
• Advisory Board – To avoid creative of “sale” and keep a divided perspective
• Staffing – rely on existing a process