



Regional Water Planning In Texas

In response to the drought of the 1950s and in recognition of the need to plan for the future, the Texas Legislature created the Texas Water Development Board (TWDB) to develop water supplies and prepare plans to meet the state's future water needs. In 1997, the legislature established a new water planning process based on a "bottom-up" consensus-driven approach.

Coordinating this water planning process are 16 planning groups, one for each regional water planning area (see map). The planning groups, each made up of about 20 members, represent a variety of interests, including agriculture, industry, environment, public, municipalities, business, water districts, river authorities, water utilities, counties, groundwater management areas, and power generation. Each planning group approved bylaws to govern its methods of conducting business and designated a political subdivision, such as a river authority, water district, municipality, or council of governments, to administer the planning process and manage any contracts related to developing regional water plans.

The planning groups conduct all functions during open meetings in an open and participatory manner. They hold special public meetings when they develop their scopes of work and hold hearings before adopting their regional water plans. This public involvement helps direct the planning and determine which water management strategies to recommend. Consensus building within the planning groups is crucial to ensure sufficient support for adopting the plan. Planning group members adopt plans by voting at open meetings in accordance with each group's respective bylaws.

The ongoing work of the regional water planning process consists of 13 tasks:

1. Describing the regional water planning area
2. Quantifying current and projected population and water demand over a 50-year planning horizon
3. Evaluating and quantifying current water supplies
4. Identifying surpluses and needs
5. Evaluating water management strategies and preparing plans to meet the needs
6. Evaluating impacts of water management strategies on water quality, agricultural and natural resources, as well as water resources of the state

7. Describing how the plan is consistent with long-term protection of the state's water, agricultural, and natural resources
8. Developing drought response information and recommendations
9. Recommending regulatory, administrative, and legislative changes
10. Describing how sponsors of water management strategies will finance projects
11. Describing the state of project implementation in the regional planning area
12. Prioritizing the recommended projects in the regional water plan
13. Adopting the plan, including the required level of public participation

Once the planning group adopts its regional water plan, the plan is sent to the TWDB for approval. The TWDB then compiles information from the approved regional water plans and other sources to develop the state water plan. The state water plan summarizes the dedicated efforts of about 450 planning group members, numerous technical experts, the public, and several state agencies (the TWDB, Texas Parks and Wildlife Department, Texas Department of Agriculture, and Texas Commission on Environmental Quality) over a five-year period. This process has resulted in greater public participation, public education, and public awareness, underscoring the benefits of directly involving local and regional decision makers and the public in water planning.

For additional information on the regional water planning process and current activities, please call 512-475-2057 or visit our website at www.twdb.texas.gov/waterplanning/rwp.

Regional Water Planning Areas

