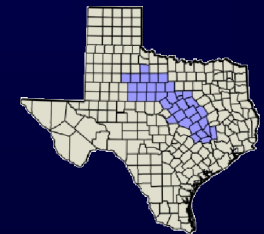


***Agenda Item 5.4***  
***Water Conservation and Drought***  
***Management Recommendations***

**Water Policy Workgroup**

**August 19, 2009**



# **2006 Recommendations - Conservation**

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- ✓ **Brazos G recommends conservation for all municipal and non-municipal entities**
- ✓ **Brazos G recommends additional 21 gpcd reduction in per capita for entities with needs that exceed 140 gpcd**
- ✓ **Brazos G encourages all municipal entities to conserve water, regardless of per capita (gpcd)**
- ✓ **Specific conservation measures are not recommended, as each entity should choose those strategies that best fit their situation using BMPs described in the report from the Water Conservation Implementation Task Force**
- ✓ **Non-municipal WUGs reduce water use by 7 percent by 2060**

# **2006 Recommendations – Drought Management**

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- ✓ **Brazos G presented conservation and drought management plans for Cities of Abilene and Waco**
  - **Abilene (not drought resistant, but multiple sources)**
  - **Waco (drought resistant, but single primary source)**
- ✓ **No specific drought management recommendations, other than to present Abilene and Waco as approaches that could be applied by other WUGs**
- ✓ **Drought management discussed as a water management strategy in Section 4B.1**

# 2006 Recommendations – Drought Management

## ✓ Section 4B.1.7 Water Conservation and Drought Preparation

*“While water conservation is a viable water management strategy that makes more efficient use of available supplies to meet projected water needs, drought management recommendations have not been made by the Brazos G RWPG as a water management strategy for specific WUG needs. The regional water plan is developed to meet projected water demands during a drought. The purpose of the planning is to ensure that sufficient supplies are available to meet future water demands. Reducing water demands during a drought as a defined water management strategy does not ensure that sufficient supplies will be available to meet the projected water demands; but simply eliminates the demands. While the Brazos G RWPG encourages entities in the Brazos G Area to promote demand management during a drought, it should not be identified as a “new source” of supply. Recommending demand reductions as a water management strategy is antithetical to the concept of planning to meet projected water demands. It does not make more efficient use of existing supplies as does conservation, but instead effectively turns the tap off when the water is needed most. It is planning to not meet future water demands. When considering the costs of demand reduction during drought, the costs for drought management could be considered as the economic costs of not meeting the projected water demands, as summarized in Appendix I.”*