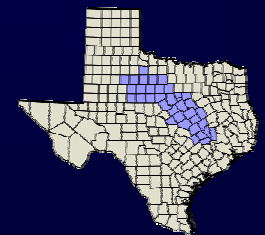


***Agenda Item 6.9C
Proposed Methodology for
Considering Conservation as a
Water Management Strategy for
Non-Municipal WUGs***

February 22-23, 2005



Conservation Requirements – TAC

Chapter 357

§357.7. Regional Water Plan Development.

(a) Regional water plan development shall include the following:

...

(7) evaluation of all water management strategies the regional water planning group determines to be potentially feasible, including:

(A) water conservation practices...The regional water planning group must consider water conservation practices for each need identified in paragraph (4) of this subsection.

(i) The regional water planning group shall include water conservation practices for each user group to which Texas Water Code §11.1271 applies.

(ii) The regional water planning group shall consider water conservation practices for each user group beyond the minimum requirements of clause (i) of this subparagraph, whether or not the water user group is subject to Texas Water Code §11.1271. If it does not adopt a water conservation strategy that exceeds minimum levels, it shall document the reason.

Summary of Non-Municipal Needs to Consider

<u>WUG Type</u>	<u>Counties with Needs in 2060</u>	<u>Sum of Needs</u>
Livestock	0	0
Manufacturing	18	12,820
Steam Electric	10	81,330
Mining	11	12,973
Irrigation	<u>6</u>	<u>46,907</u>
Total	26	154,030

Note: Livestock demands are fully met through local groundwater and riparian surface water supplies.

Considerations

- ✓ **TWDB guidance identifies multiple BMPs for irrigation and industrial water conservation.**
 - **Data to quantify savings & costs not generally available.**
- ✓ **Conservation savings and costs are by nature facility-specific.**
- ✓ **Non-municipal WUGs are county-aggregated.**
 - **Individual facilities not identified.**
 - **Identification of specific water management strategies not a reasonable expectation.**

Recommendation

- ✓ **For non-municipal WUG needs:**
 - **Adopt common 7 percent conservation savings**
 - ✓ **Provide list of BMPs for each use in the plan that could be used to enact those savings**
 - **Request TWDB guidance on costs**
 - **When apparent costs are not economically reasonable, do not select conservation as a strategy**

Discussion/Action
