

**Exhibit A
Scope of Work**

**PLATEAU REGION WATER PLAN
Scope of Work
Phase II of the 3rd Round of Regional Water Planning**

This round of planning is an update to the 2006 Plateau Region Water Plan. Since this third round of planning takes place during an "off-census cycle", the Texas Water Development Board will not be developing new population and water demand projections with the exception of steam electric power demands. Thus the 2011 plan will not require a complete revision, but rather an update to changed conditions.

Task 1. Chapter 1. Planning Area Description

1. Update Chapter 1 text to reflect current conditions.
2. Discuss uniqueness of the Plateau Region as it relates to unaccounted water use by absentee landowners, tourists, hunters, and other water users in rural areas.
3. Recognize and provide summaries of two interim projects conducted during 2007 and 2008.
4. Update colonia information.
5. Review and add as needed discussion on municipal water loss audits as provided by the TWDB pursuant to 31 TAC §358.6.
6. Prepare draft chapter documents for planning group review.

Deliverables:

- Updated Chapter 1 text, tables, and figures including discussions and updates of items listed in scope of work.
- Summaries of interim projects.
- Updated colonia information.

Task 2. Chapter 2. Review and Revision of Population and Water Demand Projections

1. Review and update water demands for water user groups and wholesale water providers based on changes in contracts and other changed conditions.
2. Update TWDB-DB12 database.
3. Prepare draft chapter documents for planning group review.

4. Determine the quantity of unaccounted water use (livestock category) by large numbers of unsurveyed exotic game in the region. Numerous wells are being drilled to provide water to animals held within fenced areas that prevent their ability to migrate to surface water sources.
5. Evaluate recent increases in water use by the petroleum exploration industry (mining category) in Kerr, Edwards, and Real Counties.

Deliverables:

- Updated Chapter 2 text, tables, and figures including discussions and updates of items listed in scope of work.
- Updated TWDB-DB 12 database.
- Survey and report on unaccounted exotic game water use.
- Evaluation of increased petroleum exploration activity and related water use.

Task 3. Chapter 3. Water Supply Analysis

1. Update supplies to water user groups and wholesale water providers based on changes in contracts, new supplies from strategies that have been implemented since the last plan, and other changed conditions.
2. Discuss current status of the "Pecos River Basin Assessment" project by the Texas AgriLife Extension Service and others. Information obtained from the Pecos River Water Management Plan currently in progress will be used to enhance the general description of the Pecos River that currently exists in Section 3.3.1 of Chapter 3 of the 2006 Region J Plan. We also anticipate that the WMP will contain information on key Pecos River water-supply source issues along with management recommendations for addressing water quality problems such as salinity. This discussion may also be relevant for inclusion in Chapter 5.
3. Review and update municipal well field discussions. Municipal well field discussions are to be updated for the nine communities in Region J that are dependent on groundwater as shown in Section 3.2.8 of Chapter 3 of the 2006 Region J Plan.
4. Update TWDB-DB12 database.
5. Prepare draft chapter documents for planning group review.
6. Identify and quantify supply availability from specific shallow alluvial aquifers where a significant number of wells are known to exist in all counties except Val Verde. Develop appropriate maps and update tables as needed.

Deliverables:

- Updated Chapter 3 text and figures including discussions and updates of items listed in scope of work.
- Updated TWDB-DB 12 database.
- Evaluation of water supply availability from significant shallow-aquifers including map of aquifer extents.

Task 4. Chapter 4. Identification, Evaluation and Selection of Water Management Strategies Based on Needs

1. Reevaluate and revise as needed all retained water management strategies in the 2006 Plan (Table 4-3) as required by Section 4 of the *General Guidelines for Regional Water Plan Development*. Consider possible revisions and additions of strategies previously developed for the City of Kerrville and County Other (UGRA) based on results of the Study 2 interim project.
2. Revise water needs analysis (Table 4-1) for water user groups and wholesale water providers with changed demands as identified in Task 2. Chapter 2 or changed supplies identified in Task 3. Chapter 3.
3. Consider possible development of alternative strategies for the City of Bandera based on results of the Study 2 interim project.
4. Update capital and annual cost estimates (Table 4-4) to 2007 dollars for all strategies.
5. Update Chapter 4 text, tables and figures as needed to reflect changed conditions.
6. Update TWDB-DB12 database.
7. Prepare draft chapter documents for planning group review.

Deliverables:

- Updated Chapter 4 text and figures including discussions and updates of items listed in scope of work.
- Updated TWDB-DB 12 database.
- Updated capital and annual cost estimates.
- New strategies for entities with water deficits based on changed conditions.
- Revised retained strategies as needed.
- Possible alternative strategy for the City of Bandera.

Task 5. Chapter 5. Impacts of Selected Water Management Strategies on Key Parameters of Water Quality and Impacts of Moving Water from Rural and Agricultural Areas

1. Review and update impacts as needed, considering new water management strategies and changed conditions.
2. Prepare draft chapter documents for planning group review.
3. Develop a water-quality description and table for the new "shallow aquifer" identified in Task 3. Chapter 3.

Deliverables:

- Updated Chapter 5 text and figures including discussions and updates of items listed in scope of work.
- Water quality discussion and map of the new designated "Shallow aquifer".

Task 6. Chapter 6. Water Conservation and Drought Management Recommendations

1. Revise water conservation management and drought contingency plans as needed.
2. Revise groundwater conservation district management plans as needed.
3. Prepare draft chapter documents for planning group review.

Deliverable:

- Updated Chapter 6 reflecting revisions to water conservation and drought contingency plans.

Task 7. Chapter 7. Plan Consistency for Long-term Protection of the State's Water, Agricultural, and Natural Resources

1. Review and revise Chapter 7 text to reflect changed conditions and new water management strategies.
2. Prepare draft chapter documents for planning group review.

Deliverable:

- Updated Chapter 7 including discussion on plan consistency as reflected in changed conditions and new strategies.

Task 8. Chapter 8. Unique Steam Segments and Reservoir Sites / Legislative Recommendations

1. Review and revise Planning Group recommendations and policy issues as needed.
2. Prepare draft chapter documents for planning group review.

Deliverable:

- Updated Chapter 8 including revised recommendations and policy issue discussion.

Task 9. Chapter 9. Water Infrastructure Funding Recommendations (legislative report)

1. Send infrastructure financing survey developed by the TWDB to each water user group with a recommended water management strategy.
2. Revise the infrastructure financing report based on received responses to the survey.
3. Prepare draft chapter documents for planning group review.

Deliverable:

- Updated Chapter 9 including revised infrastructure finance survey and report.

Task 10. Chapter 10. Public Participation and Plan Adoption

Task 10a: Scope of Work Development

1. Post public notice and hold public meeting to gather input on scope of work and regional priorities.
2. Prepare scopes of work, budgets and grant application. Submit application for funding to TWDB.

Task 10b: Adoption of Plan

1. Coordinate and facilitate public meetings of the planning group, including securing meeting spaces with adequate public access, and ensuring adequate copies of meeting materials are available for public inspection prior to and following public meetings.
2. Prepare and distribute public information material for the purpose of encouraging public participation, including response to individual inquiries, meeting summaries, press releases, and information of water

planning related activities within the region, and posting and distributing public notices. Develop and maintain public contact mail and e-mail databases to transmit planning related materials directly to interested parties and to individuals and entities designated in statute. Provide copies of any draft and final reports resulting from planning group activities to libraries, public officials, planning group members, and interest groups.

3. Print and deliver the Initially Prepared Plan (IPP) to the TWDB. Make IPP available to the public for review and comment.
4. Respond to IPP comments. Prepare, print and deliver final adopted plan to the TWDB.
5. Provide administration, financial oversight and reporting associated with reimbursement of members' travel expenses, sub-consultant contracts and other eligible political subdivision administrative expenses.

Deliverable:

- Updated Chapter 10 including revised discussion on public participation activities and plan adoption procedures.