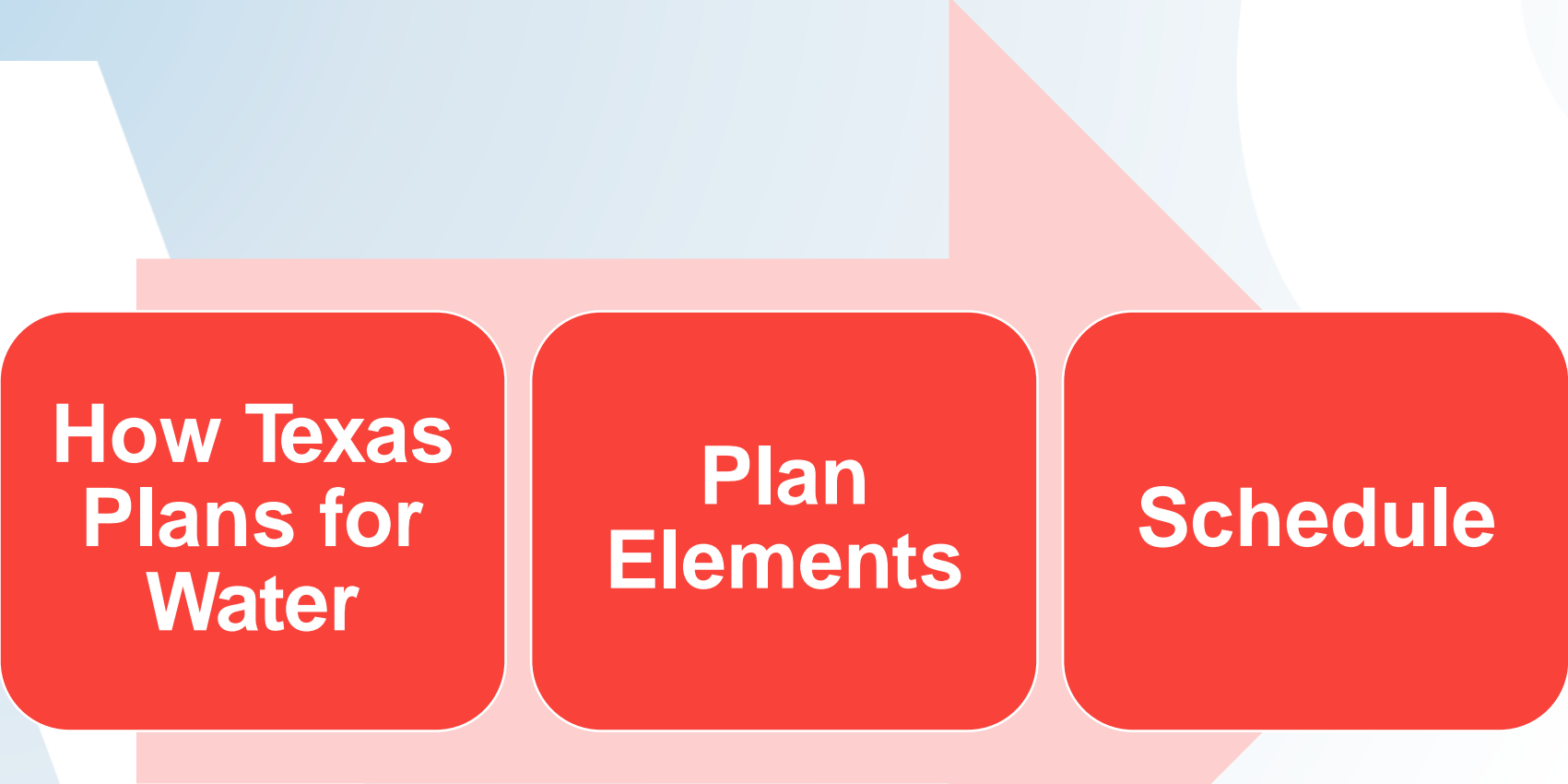


Plateau Water Planning Group
PRE-PLANNING PUBLIC
MEETING
July 27, 2021

Item I. Presentation of an Overview of the Regional Planning Process from technical consultant.

Regional Water Planning Overview

Kerrville, TX - July 27, 2021



**How Texas
Plans for
Water**

**Plan
Elements**

Schedule



DROUGHT OF RECORD

- Seven year drought of record in the 1950's
- Turning point in Texas history that led to the formation of TWDB



FORMATION OF TWDB

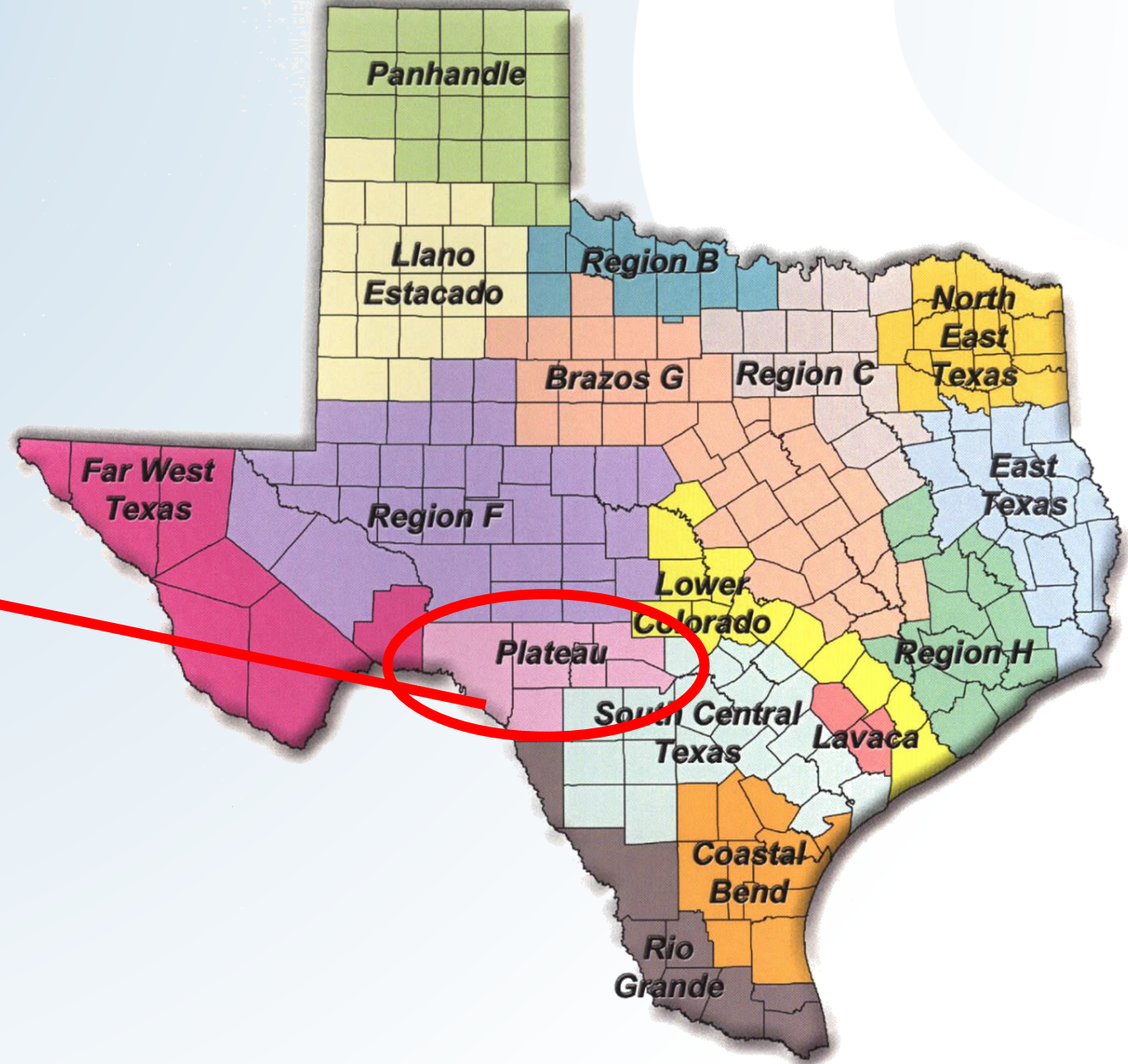
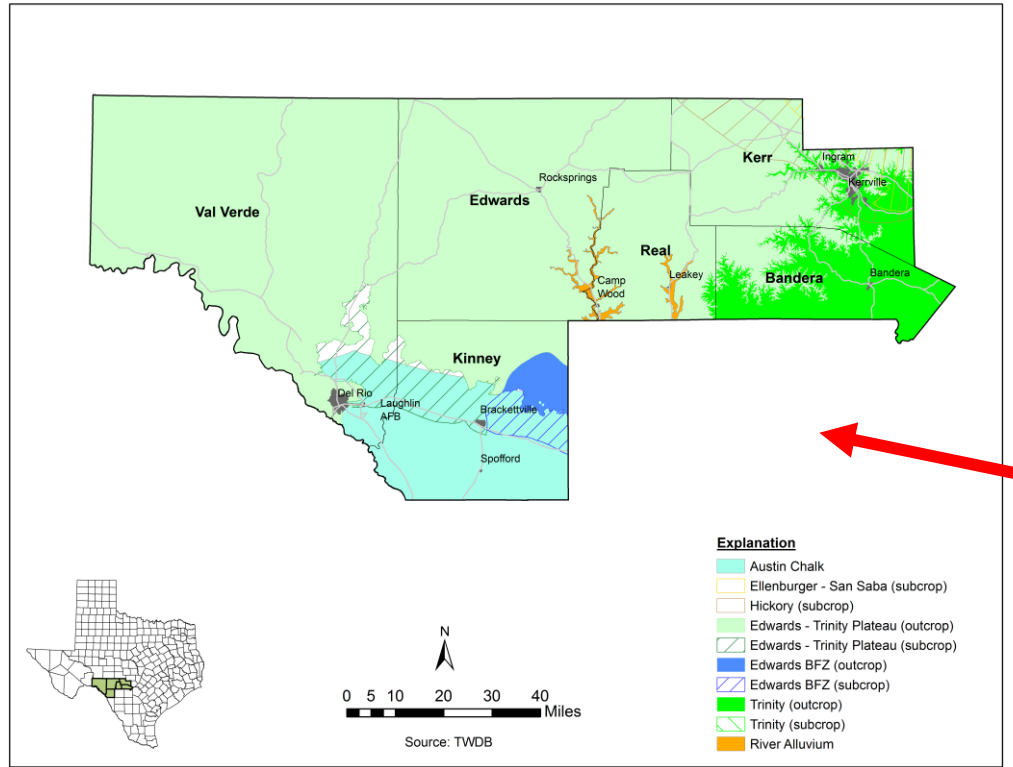
- TWDB to administer a \$200M Water Development Fund
- Fund supplied loans to political subdivisions for water resource projects



PLANNING BEGINS

- In 1961, the Board delivered the First State Water Plan – “Top Down” Approach
- In 1997, SB1 established a “Bottom-Up” to incorporate local, regional and public participation

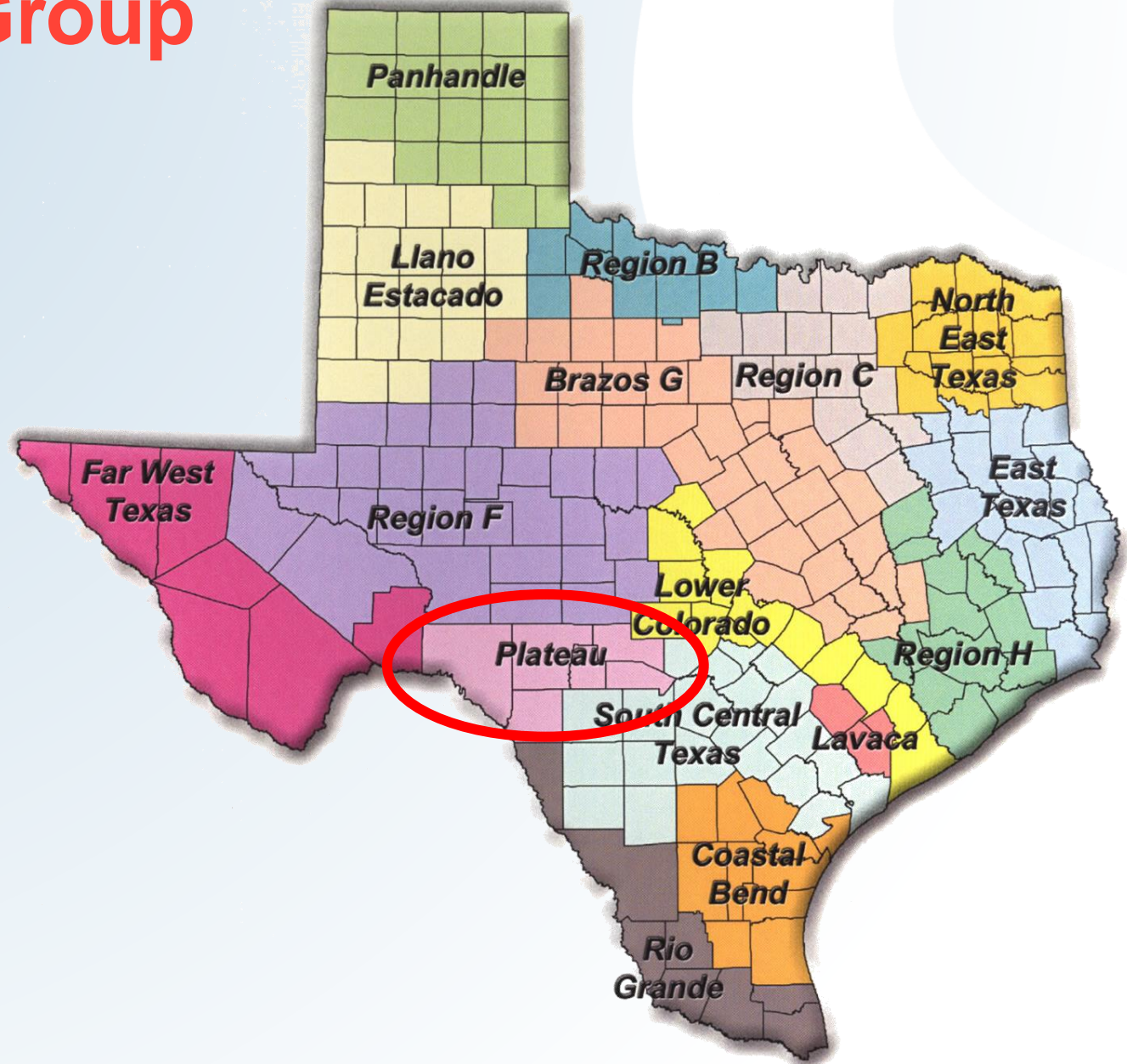
Regional Water Planning Areas of Texas



Plateau Water Planning Group

Statutory Interests:

- Municipalities
- Counties
- Public
- Industries
- Environmental
- Agriculture
- Small Business
- Electric-Generating Utilities
- River Authorities
- Water Districts
- Groundwater Management Areas



Regional Water Planning

- EACH PLANNING GROUP APPROVED BYLAWS TO GOVERN ITS METHODS OF CONDUCTING BUSINESS
- EACH PLANNING GROUP DESIGNATED A POLITICAL SUBDIVISION TO ADMINISTER THE PLANNING PROCESS & MANAGE ANY CONTRACTS
- PLATEAU WATER PLAN POLITICAL SUBDIVISION – UPPER GUADALUPE RIVER AUTHORITY (UGRA)

Plateau Water Planning Group Responsibilities

- CONSIDER LOCAL PLANS & PUBLIC INPUT
- EVALUATE CURRENT WATER SUPPLIES
- IDENTIFY SURPLUSES & NEEDS
- DEVELOP WATER MANAGEMENT STRATEGIES (WMS) TO MEET WATER SHORTAGE
- EVALUATE IMPACT OF WMS
- DEVELOP DROUGHT RESPONSE INFORMATION & RECOMMENDATIONS
- PRIORITIZE RECOMMENDED WATER PROJECTS
- ADOPT THE PLAN

- 16 REGIONS CREATE REGION SPECIFIC 50-YEAR PLANS
- FIVE YEAR PLANNING CYCLE
 - CURRENTLY IN THE 6TH REGIONAL WATER PLANNING CYCLE
- GOAL IS TO SUSTAIN CITIES AND RURAL COMMUNITIES WHILE PRESERVING AGRICULTURAL AND NATURAL RESOURCES



Why does the Regional Water Plan Matter?

REGIONAL & STATE WATER PLANS ARE CONSIDERED IN:

- PERMITTING (INCLUDING AMENDMENTS)
- FUNDING ASSISTANCE
- BROAD-SCALE RESOURCE TO SUPPORT FUTURE GROWTH
 - *Evidence of water supply & capability to support economic development*
 - *High-level base to support additional necessary detailed studies*
- RURAL WATER PROVIDERS WITH LIMITED FUNDING FOR INDIVIDUAL LONG-TERM PLANNING STUDIES

CONSISTENCY – ACHIEVED WHEN A PROPOSED PROJECT USES THE SAME SOURCE OF WATER AS CURRENTLY USED OR RECOMMENDED IN THE WATER PLAN.

Regional Water Plan Chapters

No.	Title	Initial Authorization
1	Description of the Regional Water Planning Area	★
2	Population and Water Demand Projections	★
3	Evaluation of Current Water Supplies in the Region	
4	Identification of Water Needs	
5	Identification and Evaluation of Potentially Feasible, Recommended, and Alternative Water Management Strategies	
6	Impacts of the Regional Water Plan, and Description of How the Regional Water Plan is Consistent with the Long-Term Protection of the State's Water, Natural, and Agricultural Resources	
7	Drought Response Information, Activities, and Recommendations	
8	Unique Stream Segments, Reservoir Sites, and Legislative Recommendations	★
9	Infrastructure Financing Analysis	
10	Adoption of Plan and Public Participation	★
11	Implementation and Comparison to Previous Regional Water Plan	

Key Deliverables and Deadlines

Technical
Memorandum

March 4, 2024

Initially Prepared Plan

March 3, 2025

Final Regional Water
Plan

Oct. 20, 2025

QUESTIONS...



Plateau Water Planning Group
PRE-PLANNING PUBLIC
MEETING
July 27, 2021

Item III. Discuss the potential process for conducting Interregional Coordination regarding Water Management Strategies during development of the Region J 2026 Regional Water Plan.

Plateau Water Planning Group

Potential Interregional Coordination

Kerrville, TX - July 27, 2021

NEW Requirement for 2026 RWP

INTERREGIONAL COORDINATION & COLLABORATION

Discuss how the RWPG will conduct interregional coordination & collaboration regarding WMS

Review list of recommended & alternative strategies from the 2021 Plateau Water Plan

Identify WMS that would develop or use water resource in another region or may impact the region of origin

Document interregional coordination activities - process & progress of work; public comments & conclusions reached

If no WMS's are identified, this may be acknowledged & documented

Preliminary Identified Projects from TWDB

2021 Plateau Water Plan – Alternative WMS

Project Name	Capital Cost	Online Decade	Project Sponsors	WMS Project Sponsor Region
BANDERA COUNTY OTHER - ADDITIONAL GROUNDWATER WELLS TO PROVIDE EMERGENCY SUPPLY TO VFD	\$4,280,000	2020	COUNTY-OTHER (BANDERA)	J
BANDERA COUNTY OTHER - LAKE MEDINA SHORES - ADDITIONAL GROUNDWATER WELLS	\$1,477,000	2020	COUNTY-OTHER (BANDERA)	J
CITY OF BANDERA - ADDITIONAL LOWER TRINITY WELL AND LAY NECESSARY PIPELINE	\$3,298,000	2030	BANDERA	J
KERR COUNTY LIVESTOCK - ADDITIONAL GROUNDWATER WELL	\$79,000	2020	LIVESTOCK (KERR)	J
KERR COUNTY LIVESTOCK - ADDITIONAL GROUNDWATER WELL (NUECES)	\$66,000	2020	LIVESTOCK (KERR)	J
KERR COUNTY LIVESTOCK - ADDITIONAL GROUNDWATER WELLS	\$985,000	2020	LIVESTOCK (KERR)	J
KERR COUNTY LIVESTOCK - ADDITIONAL GROUNDWATER WELLS - GUADALUPE RIVER BASIN	\$370,000	2020	LIVESTOCK (KERR)	J

2021 Plateau Water Plan – Interregional Effort

In the development of this *Plan* it was essential to coordinate planning efforts with adjacent regions (Regions E, F, K, L and M) to ensure that there were no conflicting strategies pertaining to shared or transferred water-supply sources. This coordination resulted in there being no known conflicts between this *Plan* and plans prepared for other regions.

Chapter 1
Water
Planning

Interregional Planning Council

The TWDB is required by Texas Water Code Section 16.052 to appoint an Interregional Planning Council made up of one member from each regional water planning group (RWPG). The purpose of the Council is to:

- Improve coordination among the RWPGs, and between the RWPGs and the TWDB in meeting goals of the state water planning process;
- Facilitate dialogue regarding regional water management strategies; and
- Share operational best practices of the regional water planning process.

The PWPG has appointed Ray Buck to this position.

Chapter 10
PWPG

J-45 Eastern Kerr County Regional Water Supply Project

Population growth in eastern Kerr County continues to increase, creating genuine concerns pertaining to the water availability needed to meet these growing demands. Kerr County Commissioners' Court (KCCC) in partnership with the Upper Guadalupe River Authority (UGRA) has plans to develop several Eastern Kerr County Regional Water Supply Projects (EKCRWSP) to provide for conjunctive use of surface water and groundwater in high density growth areas of eastern Kerr County outside of the area serviced by the City of Kerrville. A facility plan was completed in 2010 utilizing an EDAP grant from the TWDB for a wholesale surface water supply. Total capital cost for all projects associated with this regional strategy is \$79,702,000. UGRA is the sponsor for this regional project.

The 2021 Plateau Region Water Plan projects only a limited amount of water-supply shortage for the rural Guadalupe River Basin portion of Kerr County at large; however, it is recognized that a greater percentage of the rural population is concentrated in the eastern portion of the county (see Chapter 2,

5A-21

Plateau Region Water Plan

January 2021

Figure 2-3). To prepare for this concentrated water supply need the following water management projects are recommended to develop a regional water management strategy and enhance the reliability of the future water supply availability for the Kerr County Other category:

- Project 1. Ellenburger Aquifer water supply well
- Project 2a. Construction of an off-channel surface water storage
- Project 2b. Construction of surface water treatment facilities and transmission line
- Project 3. Construction of ASR facilities
- Project 4a. Trinity aquifer wellfield
- Project 4b. Construction of a desalination plant

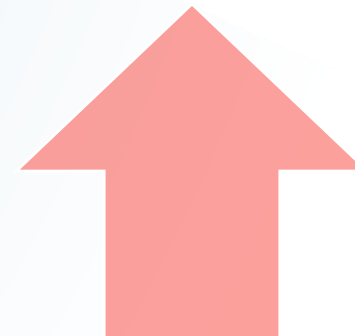
Local Knowledge



Region J



Region L



17. Page 5A-26, Strategy J-45, project 2. The plan indicates that the Kerr County Commissioners Court would negotiate diversion rights up to 6,000 acre-feet/year of water. Please clarify whether the region coordinated with Region L on the yield for this WMS, as the 2021 Region L IPP indicated a potential commitment of 2,000 acre-feet/year from Canyon Reservoir. After confirmation or coordination with Region L/GBRA, please adjust the anticipated yield, if necessary, in the final, adopted regional water plan to reflect the expected supply volume. In the event that the resulting adjustment of the timing of WMSs in the plan results in an increase in

QUESTIONS...

