



Region I

East Texas Regional
Water Planning Group 

Public Hearing Meeting Region I 2026 Initially Prepared Plan of the Regional Water Plan

May 1st, 2025

Agenda

1. Introductions
2. Meeting Goals
3. Overview of Regional Water Planning Process
4. Review of Chapters
5. Next Steps in the Regional Water Planning Process
6. ETRWPA 2026 Initially Prepared Plan (IPP) Comments
7. Questions and Answers

Introductions

Meeting Goals

Meeting Goals



**OVERVIEW THE
REGIONAL WATER
PLANNING PROCESS**



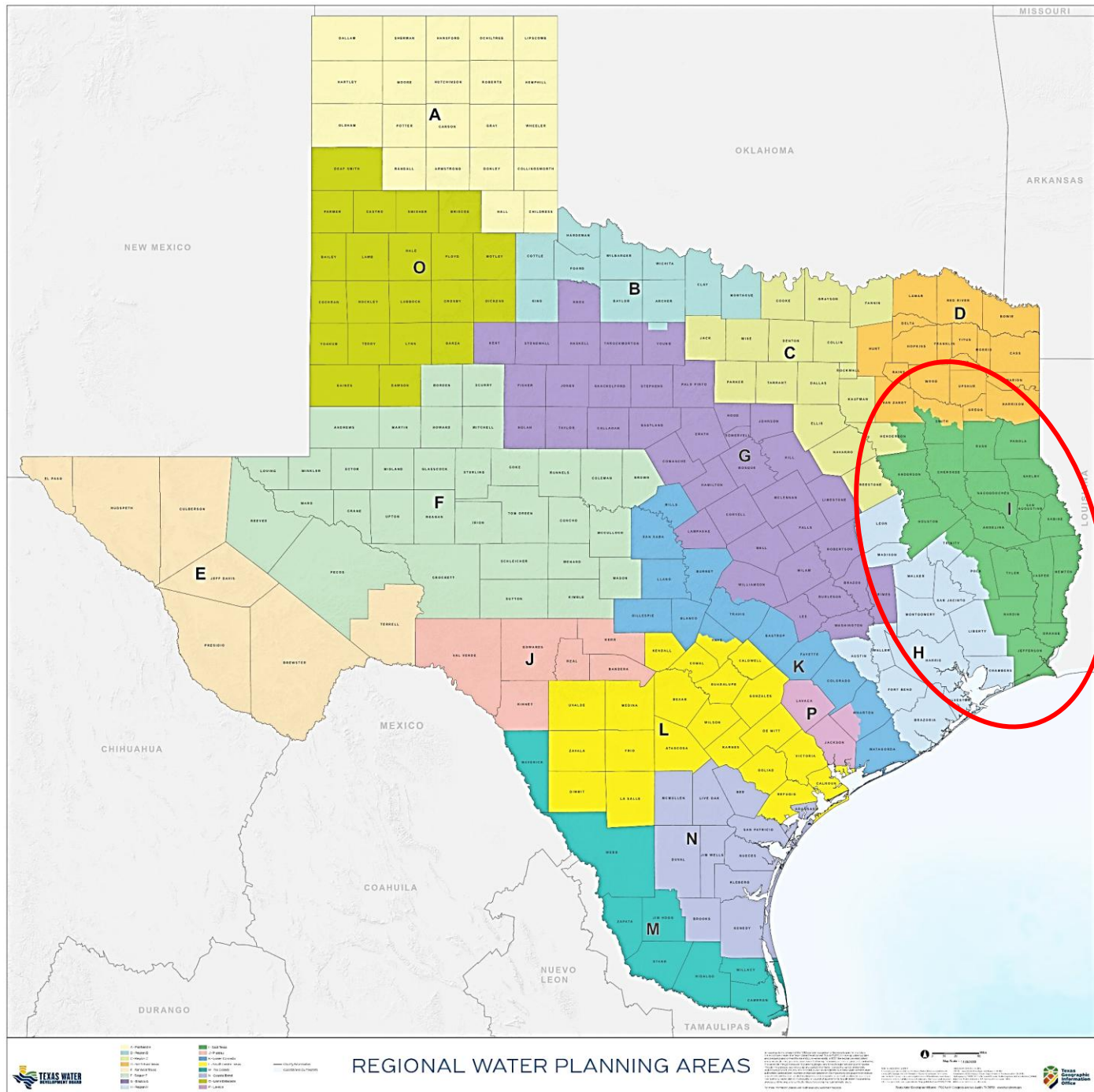
**PRESENT IPP FOR THE
PUBLIC**



OBTAIN FEEDBACK

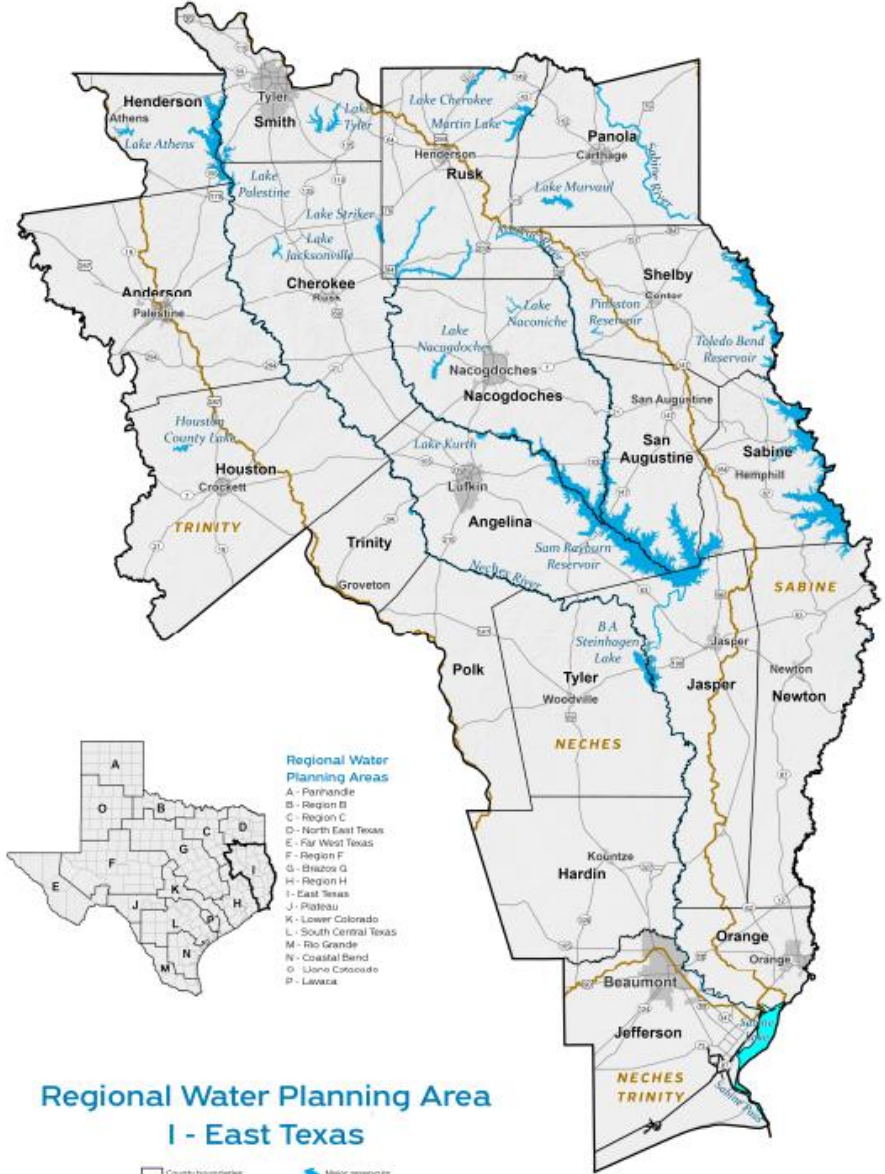
Regional Water Planning Process

Region I



Region I Counties

20 Counties
in Region I



Regional Water Planning Area
I - East Texas



DISCLAIMER: This map was generated by the Texas Water Development Board using GIS (Geographic Information System) software. No claims are made to the accuracy or completeness of the information shown herein nor to its suitability for a particular use. The scale and location of all mapped data are approximate. Map date: 01/01/2024



Texas Water Development Board
1700 N. Congress Ave. - Austin, TX 78701
twd.texas.gov - geographic:twdb.gov



Region I Water Users



285 Primary Region I Water Users

16 Wholesale Providers

187 Municipal Groups

Other Uses

Manufacturing (18)

Steam Electric (9)

Irrigation (17)

Livestock (19)

Mining (19)

Why is the Regional Water Planning Process Important?

Funding

- TWDB (grants & loans) requires “consistency” with State and regional plans
- State Water Implementation Fund for Texas require projects be in the Plan

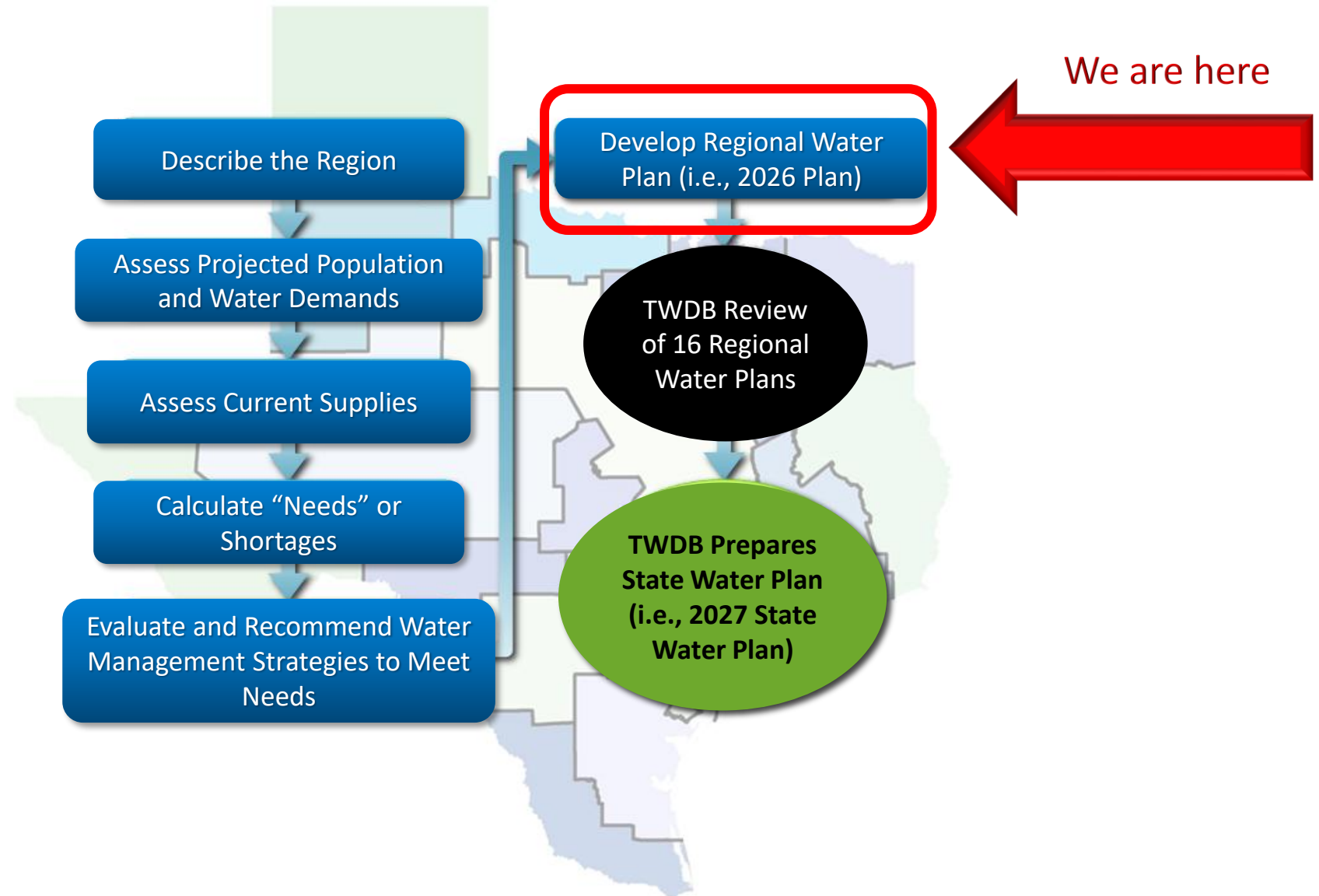
Permits

- TCEQ (water rights) requires “consistency” with State and regional plans
- Groundwater Conservation Districts – some districts require “consistency”

Consistency

- **Consistent picture of the overall water supply situation for the State**
 - Education of the public
 - Education of the Legislature
 - Dialogue regarding appropriate water supply strategies

Steps to Regional Planning



How do we communicate?



**Region I
website:
www.etexwaterplan.org**



**Email list of
interested
parties**



**Planning group
meetings and
required public
hearings**



**Surveys of
Water User
Groups (WUGs),
Wholesale
Water Providers
(MWP), county
judges and
groundwater
conservation
districts**



**Public
presentations
when invited
and
time/funding
allows**



**Virtual/In-
Person meetings
to engage and
solicit input**



**Phone
calls/emails to &
from us
(members,
administrative
agent,
consultants)**

Posted meetings and
planning information

Email contact widget

Initially Prepared Plan Review of Chapters

Review of Chapters

Chapter	Title
-	Executive Summary
1	Introduction
2	Current and Projected Population and Water Demand
3	Water Availability and Existing Water Supplies
4	Identification of Water Needs
5A	Identification of Potentially Feasible Water Management Strategies
5B	Evaluation of Potential Feasible, Recommended, and Alternative Water Management Strategies and Projects
5C	Water Conservation Recommendations
6	Impacts of the Regional Water Plan and Consistency with Protection of Resources
7	Drought Response Information, Activities, and Recommendations
8	Unique Stream Segments, Unique Reservoir Sites, and Legislative and Regulatory Recommendations
9	Implementation and Comparison to the Previous Regional Water Plan
10	Public Participation and Adoption of Plan

Executive Summary



Introduction to Regional Water Planning



Regional Description



County Summary Sheets
Includes: Key Findings and Recommendations



TWDB DB27 Data Reports

Chapter 1: Description of the Regional Water Planning Area

Major topics in the chapter:

Physical
Description

Climate

Economic
Activity

Overview:
Population,
Water Demand,
Water Supplies

Chapter 1: Description of the Regional Water Planning Area

Additional topics in the chapter:



Water user groups and wholesale water providers



Agricultural and natural resources and threats



Drought of record, drought contingency, water conservation, and water loss



Existing local planning efforts

Chapter 2 – Current and Projected Population and Water Demand

- Provides a 50-year outlook on population and water demand for the region
- Population projections are based on the 2020 Census, provided by TWDB

Major topics in the chapter:

Methodology for updates

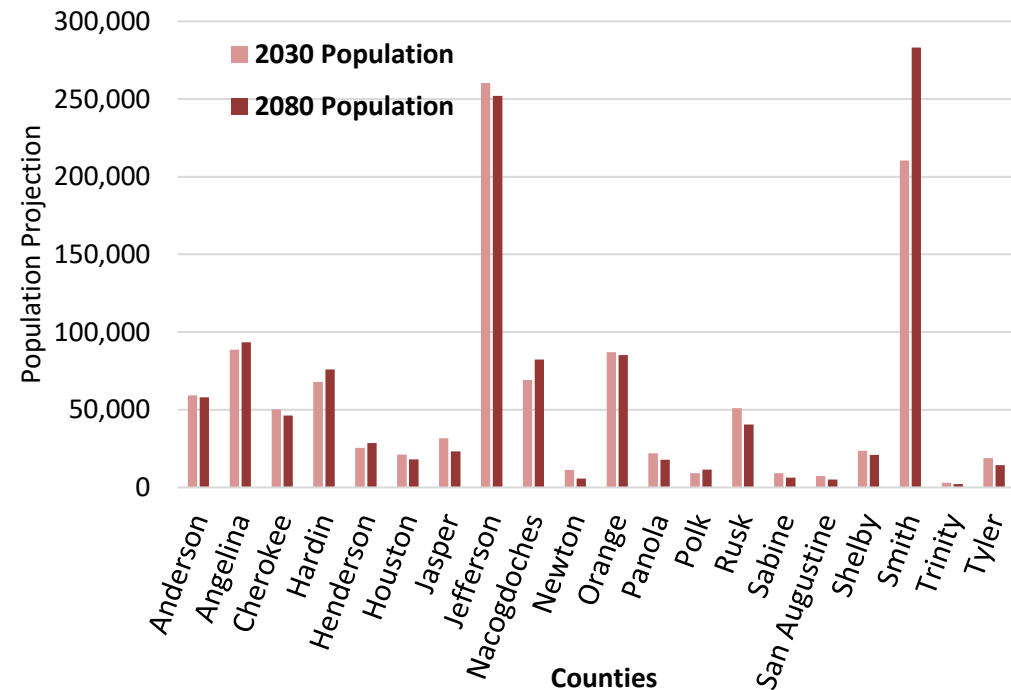
Growth Projections

Demands by Category

Sales Between WUGs

Demands for WWP

Population Projections by County (2030-2080)



Chapter 3 – Water Availability and Existing Water Supplies

Water availability modeling by source

- Groundwater
- Surface Water
- Reuse
- Water Systems

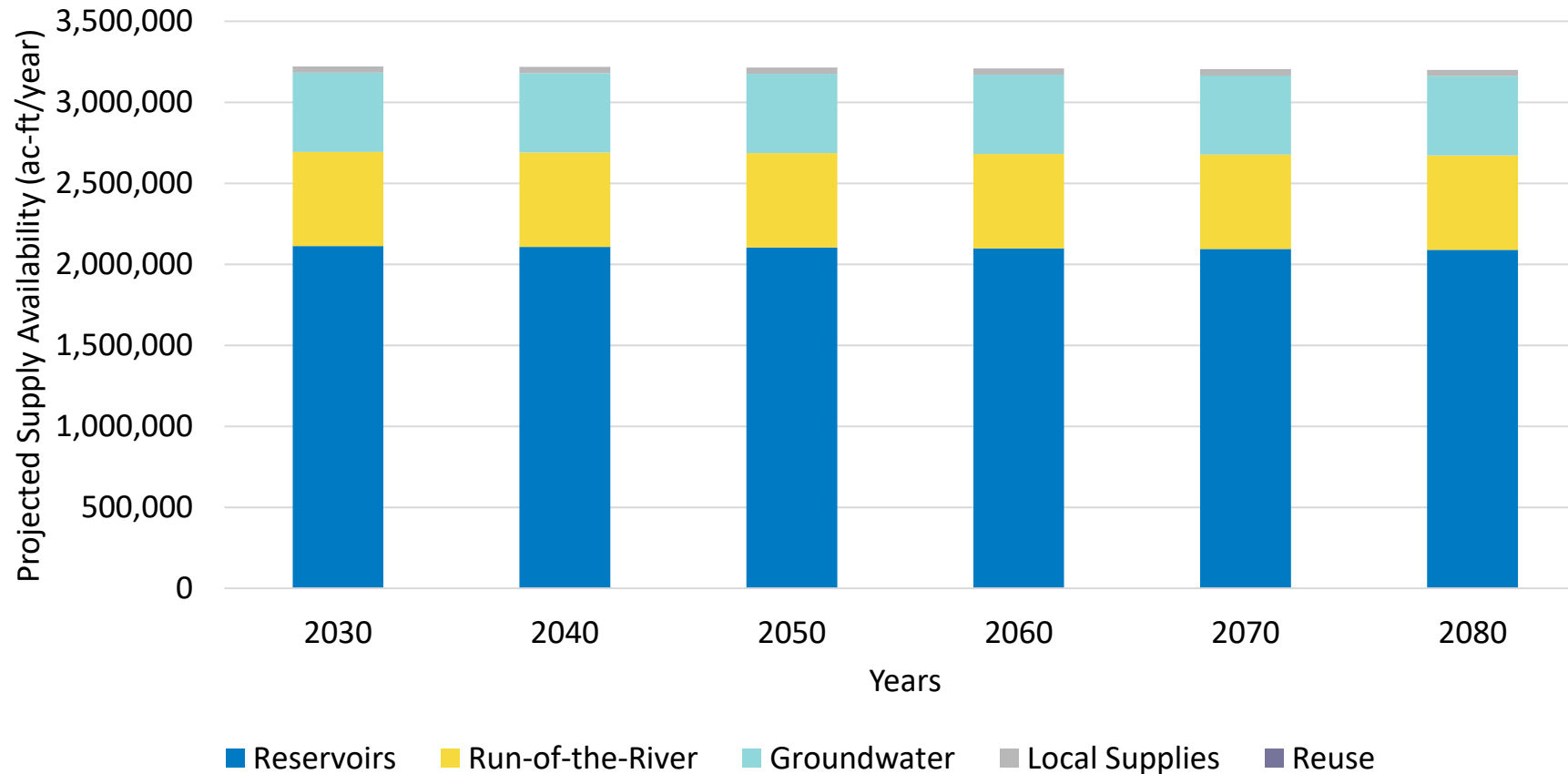
Water availability by user

- Water user groups
- Wholesale water providers

Model assumptions and variances

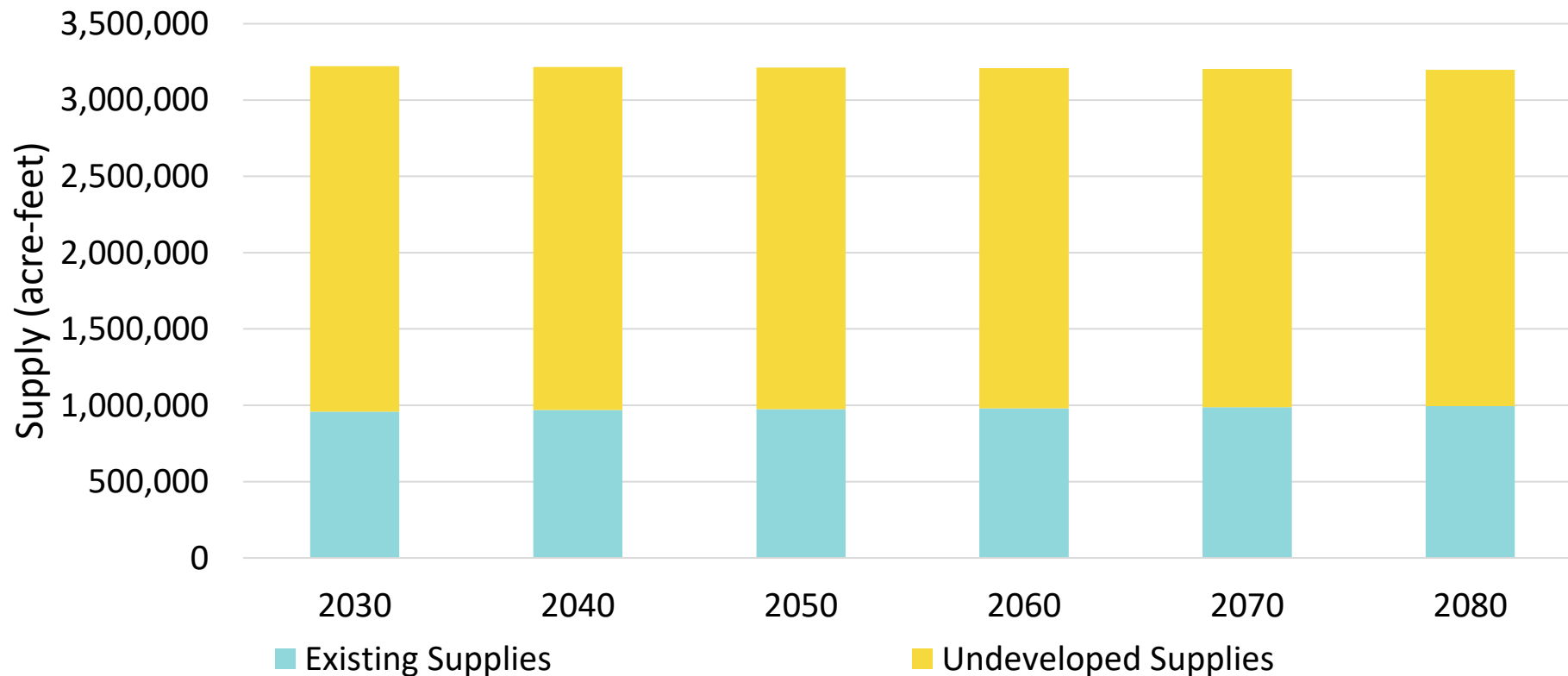
Chapter 3: Water Availability and Existing Water Supplies

Water Supply Analysis (Total Supplies)



Chapter 3: Water Availability and Existing Water Supplies

Existing Supplies (Connected Supplies) and Undeveloped Supplies in Region I



Chapter 4: Identification of Water Needs

Identify Demand Projection and Existing Supply



Allocate Existing Supplies to Meet Demands



Remaining Unmet Demand = Needs

Initial List of WUGs with Needs

Total of 12 municipal WUGs out of 190 WUGs with identified needs

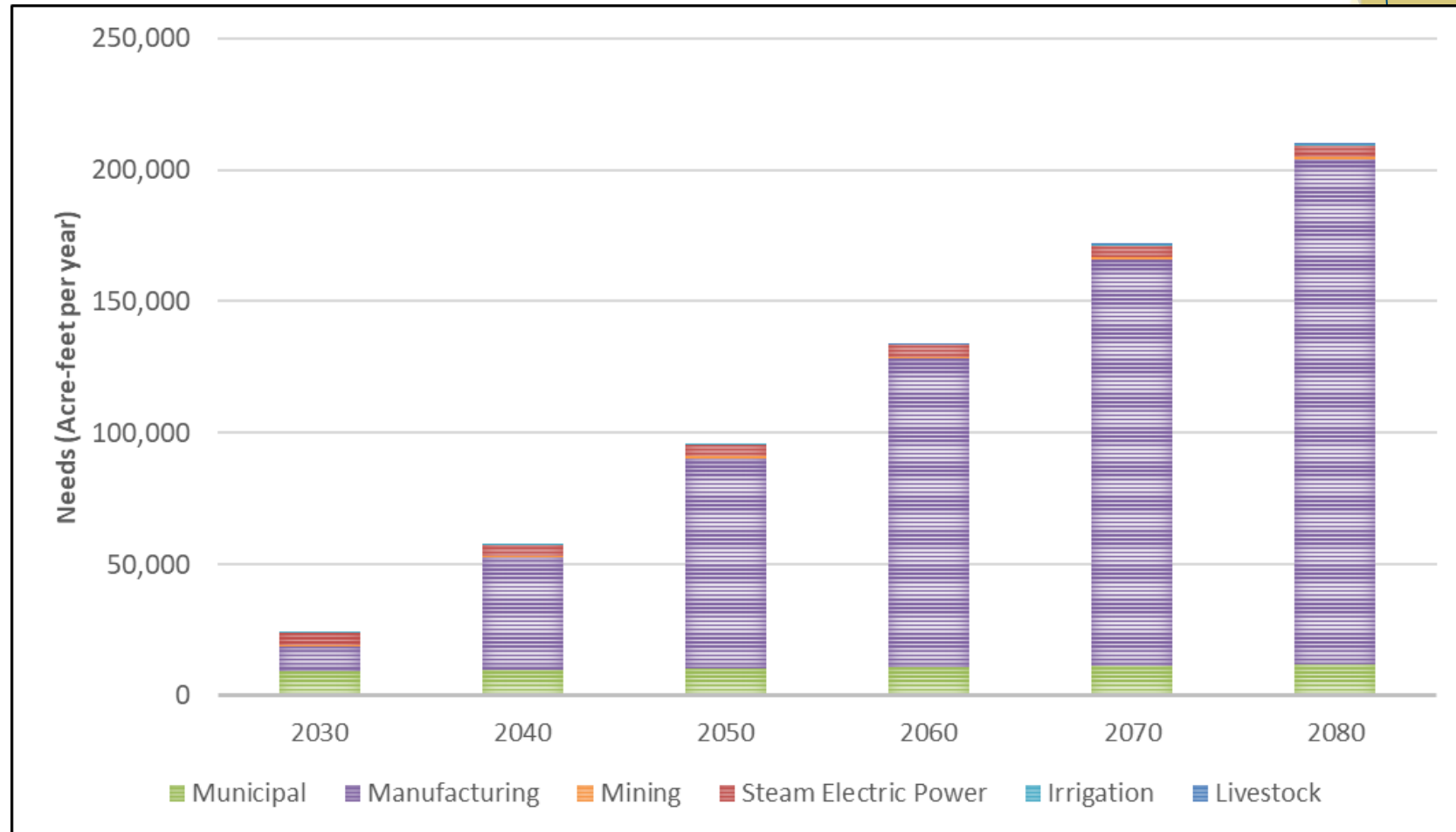
Needs in non-municipal categories for at least 11 counties

WUG Name	County
Alto Rural WSC	Cherokee
Athens*	Henderson
Beaumont	Jefferson
Chandler	Henderson
County-Other	Smith
D & M WSC	Nacogdoches
Edom WSC*	Henderson
Jacobs WSC	Rusk
Liberty Utilities Silverleaf Water*	Smith
Southern Utilities*	Cherokee, Smith
TDCJ Eastham Unit	Houston
Trinity Bay Conservation District*	Jefferson
Irrigation	Trinity
Livestock	Houston, Sabine, Henderson
Manufacturing	Angelina, Jasper, Jefferson, Shelby, Smith, Tyler
Mining	Angelina, Henderson, Smith
Steam Electric Power	Anderson, Henderson

*WUG split across multiple regions

Chapter 4 - Summary of Needs

- Needs largely attributed to future manufacturing demand growth (no existing contracts yet)



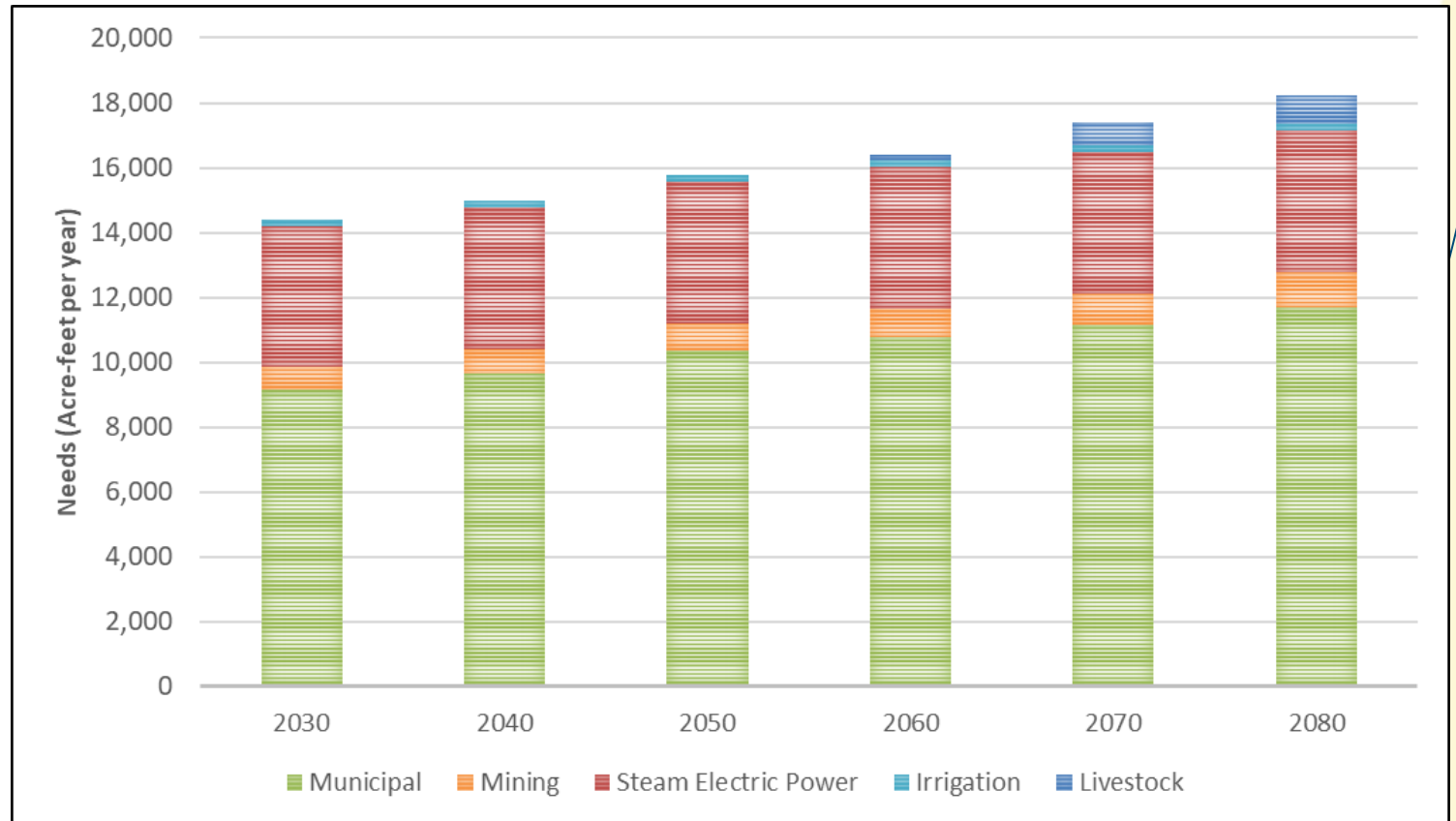
**Note: Supply allocations are draft; the numbers above are subject to change till the end of the RWP Process.*

Chapter 4 - Summary of Needs

Increasing needs for identified municipal WUGs over time

Needs for new power generation facilities in Anderson and Henderson counties

Needs for other non-municipal needs are largely driven by MAG limitations



**Note: Supply allocations are draft; the numbers above are subject to change till the end of the RWP Process.*

Chapter 5

Subchapters

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graph TD; A[Subchapters] --- B[5A – Potentially Feasible WMS and Projects]; A --- C[5B – Evaluation of Recommended WMS and Projects]; A --- D[5C – Conservation Recommendations];
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5A – Potentially Feasible WMS and Projects

5B – Evaluation of Recommended WMS and Projects

5C – Conservation Recommendations

Chapter 5A: Identification of Potentially Feasible Water Management Strategies

Potentially feasible strategies

- Recommended strategies
- Alternative strategies

Cost, environmental permitting and implementation issues

Water conservation and drought management

Direct and indirect wastewater reuse

Expanded use of existing supplies

- Voluntary transfers (sales/contracts)
- Expanded groundwater and/or local use

New supplies

Inter-basin transfers

Chapter 5B: Evaluation of Water Management Strategies and Projects

Water Management Strategy Evaluation

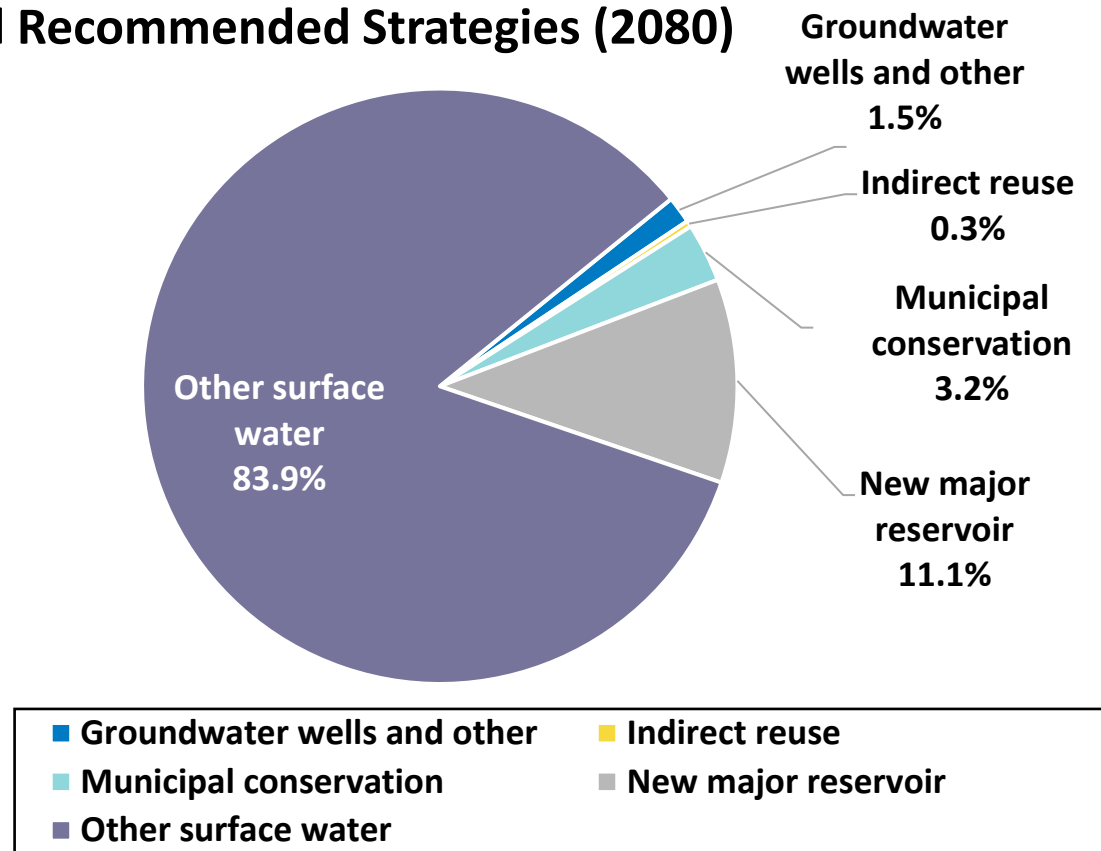
- WMSs Summary by County
- WMSs Summary by Major Water Providers

Texas Water Development Board Database

Documentation of Implementation Status and Anticipated Timeline for Certain Types of Recommended WMSs [New Requirement]

Summary of Recommended and Alternative Water Management Strategies

All Recommended Strategies (2080)



Chapter 5C: Water Conservation Recommendations

Water Conservation Practices and Trends in the East Texas Regional Water Planning Area

Water Conservation Plans

Recommended Water Conservation Strategies in ETRWPA

- Public Education
- Tiered-water Rates
- Water Loss Mitigation

Chapter 6: Impacts of the Regional Water Plan and Consistency with Protection of Resources

Impacts of Water Management Strategies

- Key Water Quality Parameters in the State
- Moving Water from Agricultural and Rural Areas

Consistency with the Long-term Protection of the State

- Protection of Water Resources
- Consistency with Protection of Agricultural Resources
- Consistency with Protection of Natural Resources

Unmet Municipal Needs

- No needs left unmet in Region I

Socioeconomic Impacts of Not Meeting Identified Needs [Pending]

Chapter 7: Drought Response Information, Activities, and Recommendations

- Droughts of Record
- Uncertainty and Drought(s) Worse Than the Drought of Record
- Current Drought Preparations and Responses in Region I
- Region-Specific Recommendations Regarding Triggers and Actions to be Taken in Drought
- Existing and Potential Emergency Interconnect
- Drought Management Water Management Strategies
- Emergency Responses to Local Drought Conditions or Loss of Municipal Supply
- Other Drought Related Considerations and Recommendations
- Region-Specific Model Drought Contingency Plan

Chapter 8: Unique Stream Segments, Unique Reservoir Sites, and Legislative and Regulatory Recommendations

Summary of Recommendations

Unique Stream Segments

- None

Unique Reservoir Sites

- Lake Columbia and Lake Fastrill

Legislative and Regulatory Recommendations

Chapter 9: Implementation and Comparison to the Previous Regional Water Plan

Implementation of Previous Regional Water Plan

- TWDB Implementation Survey
 - 2025 RWP WMS Project status update, including impediments, timeline, and funding source

RWPA's Progress in Achieving Economies of Scale

- WMSs serving more than one entity
- RWPG's effort in encouraging WMSs/WMSPs to service more than one entity

Comparison to Previous Regional Water Plan

- Water Demand Projections
- Drought of Record
- Water Availability
- Existing Water Supplies
- Identified Needs of WUGs and WWP
- Recommended and Alternative WMSs

Chapter 10: Public Participation and Adoption of Plan

- East Texas Regional Water Planning Group Members
- Preplanning for the 2026 Plan
- Interregional coordination
- Opportunities for Public Input
 - WUG/MWP involvement
 - Rural outreach
 - ETRWPA website
 - Public meetings
 - Public hearings
- Public Comment
- Final Adoption of the 2026 Plan [Pending]

Next Steps in the Regional Water Planning Process

Next Steps



Questions?



PLUMMER

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