AGENDA
LAVACA REGIONAL WATER PLANNING GROUP
Public Hearing for
2026 Initially Prepared Lavaca Regional Water Plan
May 15, 2025
6:00 p.m.

Public Hearing will be held at Lavaca-Navidad River Authority Office, Building C, located at 4631 FM 3131, approximately 7 miles southeast of Edna, Jackson County, Texas.

1. Open public hearing.

2. Introductions and opening remarks.

3. Presentation of the 2026 Initially Prepared Lavaca Regional Water Plan.

4. Receive verbal and written public comments concerning the Initially Prepared Plan.

5. Adjourn public hearing.

Agenda

6:00 p.m. Welcome and Meeting Overview

Presentation on the Initially Prepared 2026 Regional Water Plan

Public Comment Period Begins

ADJOURN when last person completes their verbal comment.

Any time before July 15, you may submit written comments:

- By Mail:

  Patrick Brzozowski
  Lavaca Navidad River Authority
  4631 FM 3131
  Edna, Texas 77957

- By Email:

  pbrzozowski@lnra.org

The Final 2026 Regional Water Plan will be submitted to the Texas Water Development Board by October 20, 2025, for approval and integration into the 2027 State Water Plan.

05/15/2025

Lavaca Regional Water Planning Group Presentation on the Initially Prepared 2026 Regional Water Plan

Jaime Burke, Black & Veatch

Topics

A. Regional Water Planning Overview

B. Description of Lavaca Regional Water Planning Area

C. 2026 Regional Water Plan Process & Highlights

TOPIC A

Regional Water Planning Overview

Regional Water Planning in Texas

- First initiated under Senate Bill 1 of 75th Legislature in 1997 in response to:

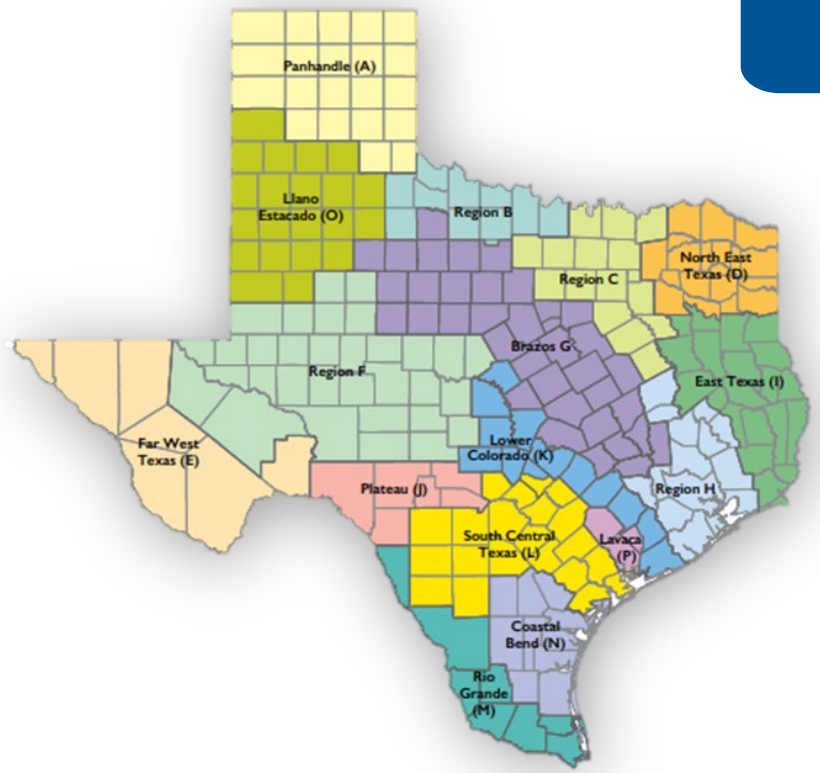
Drought

Population Growth

Limits of Existing Water Supplies

- Administered by Texas Water Development Board (TWDB)
- “Bottom Up” approach to water planning
- First Regional Water Plan submitted in 2001, with updates every five years following

Regional Water Planning in Texas



16 Regions

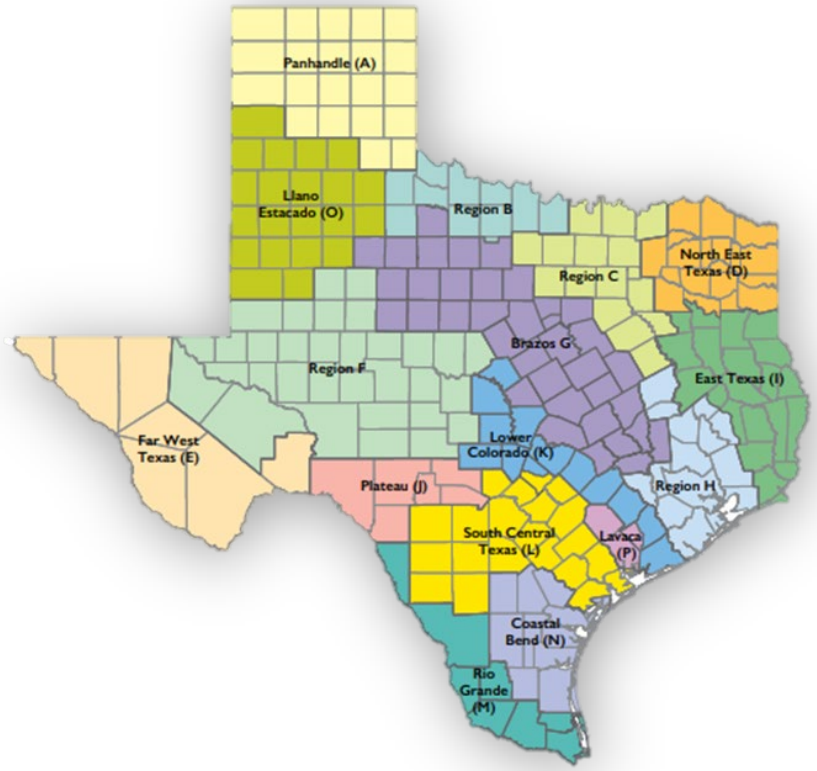
Develop Regional Water Plans (RWPs)

State Water Plan is created from the 16 Regional Water Plans

- **Planning areas follow political boundaries, river basins, or other geopolitical boundaries**
- **Funded and managed by the Texas Water Development Board (TWDB)**
- **Plan is administered by a government entity**

16 Planning Areas in Texas

Regional Water Planning in Texas



- Volunteers with various levels of experience in the water industry
- Representatives from diverse interests:
  - Public
  - Counties
  - Municipalities
  - Industries
  - Agriculture
  - Environment
  - Small Business
  - Power Generation
  - River Authorities
  - Water Districts
  - Water Utilities
  - Groundwater Management Area
- Local political subdivision acts as an administrative agent for the planning group
- Assisted by teams of consultants

About the Planning Groups

Regional Water Planning in Texas

"The regional water plan shall provide for the orderly development, management, and conservation of water resources and preparation for and response to drought conditions…"

- Texas Administrative Code

Regional Water Planning in Texas

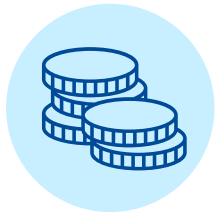
Study and consider:

Population and demand growth;

Drought of Record water supply projections; and

Impacts of water management strategies

- Financial cost
- Environmental, agricultural, and socioeconomic impacts



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Regional Water Planning in Texas

Study and consider:

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Drought of Record water supply projections; and

Impacts of water management strategies

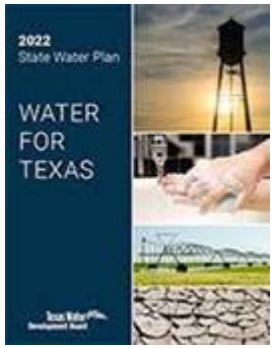
- Financial cost
- Environmental, agricultural, and socioeconomic impacts

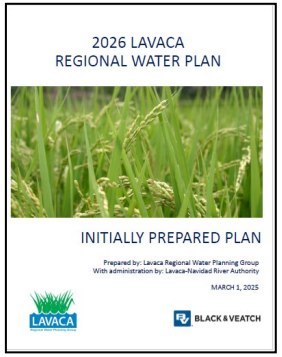
A Drought of Record is

"the period of time when historical records indicate that natural hydrological conditions would have provided the least amount of water supply."

-TAC Title 31, Part 10, Chapter 357, Subchapter A, Rule 357.10

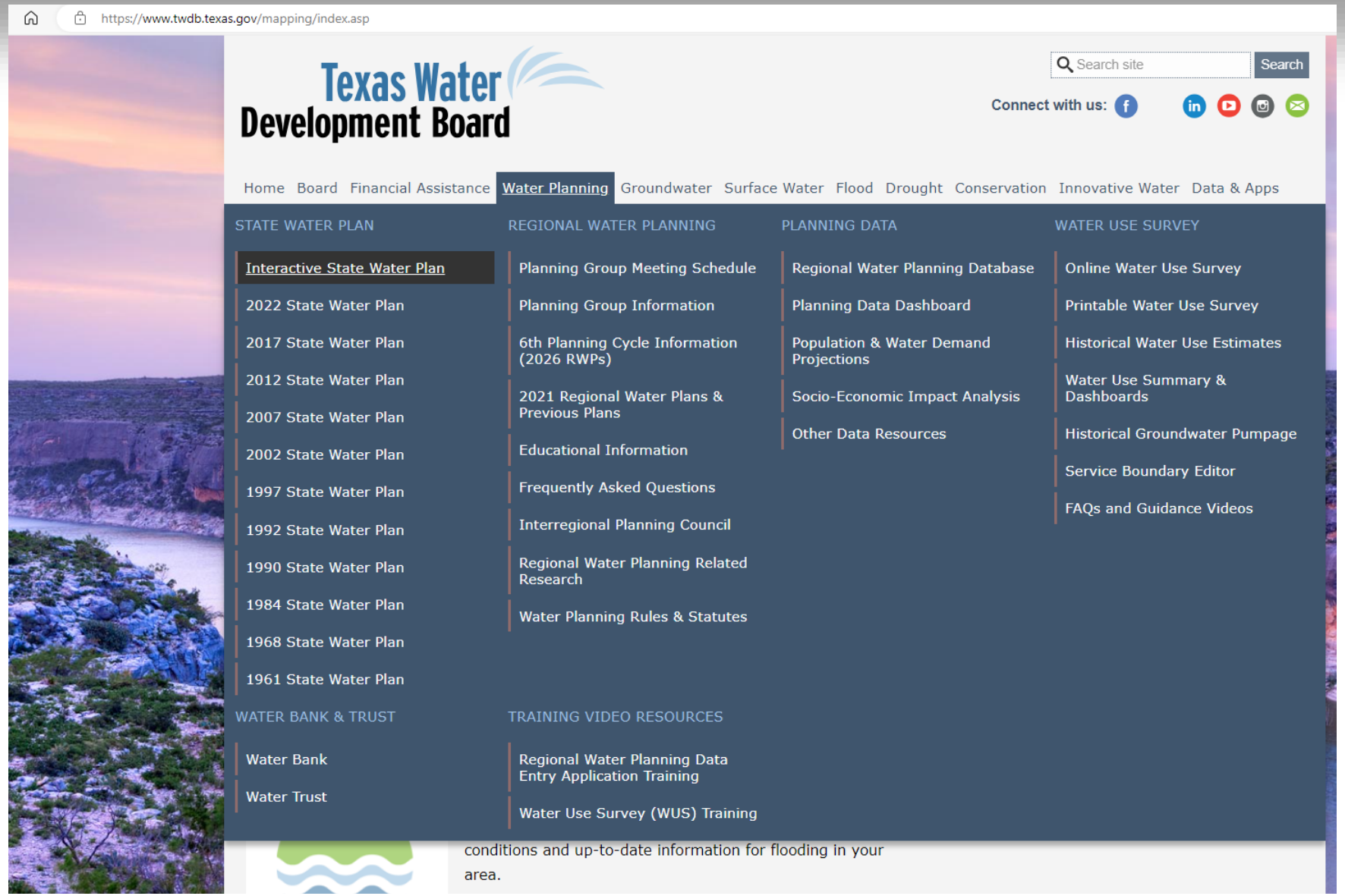
Planning Cycles



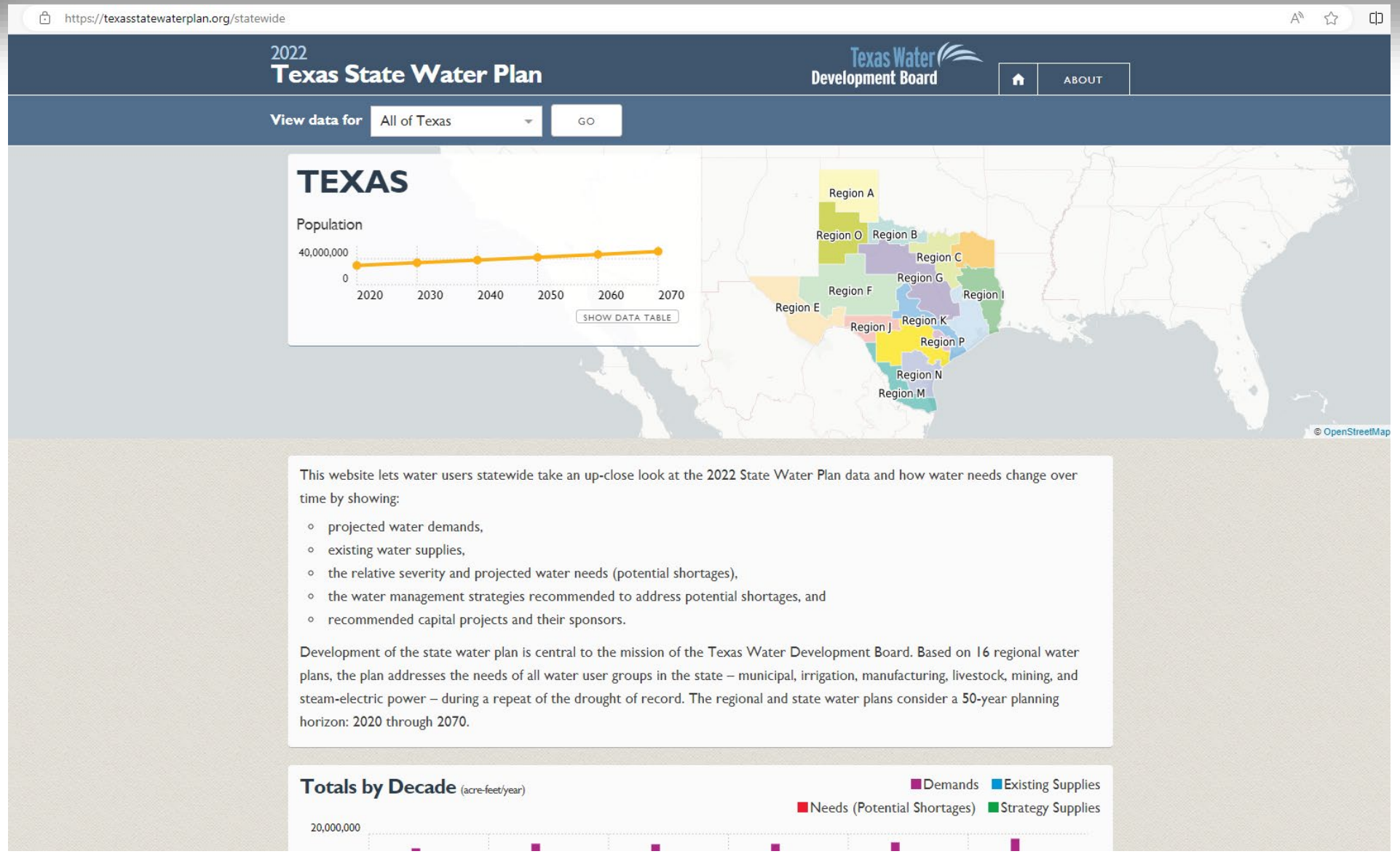


- Regional and State Water Plans are prepared in 5-year cycles, for 50-year planning horizon
  - First Plan completed in 2001
  - Updated in 2006, 2011, 2016, and 2021
- 2026 Lavaca Regional Water Plan
  - Work began in late 2021
  - Meetings are held each quarter
  - Draft plan was submitted to Texas Water Development Board (TWDB) on March 3, 2025
  - Final plan will be submitted to TWDB by October 20, 2025

TWDB Interactive State Water Plan



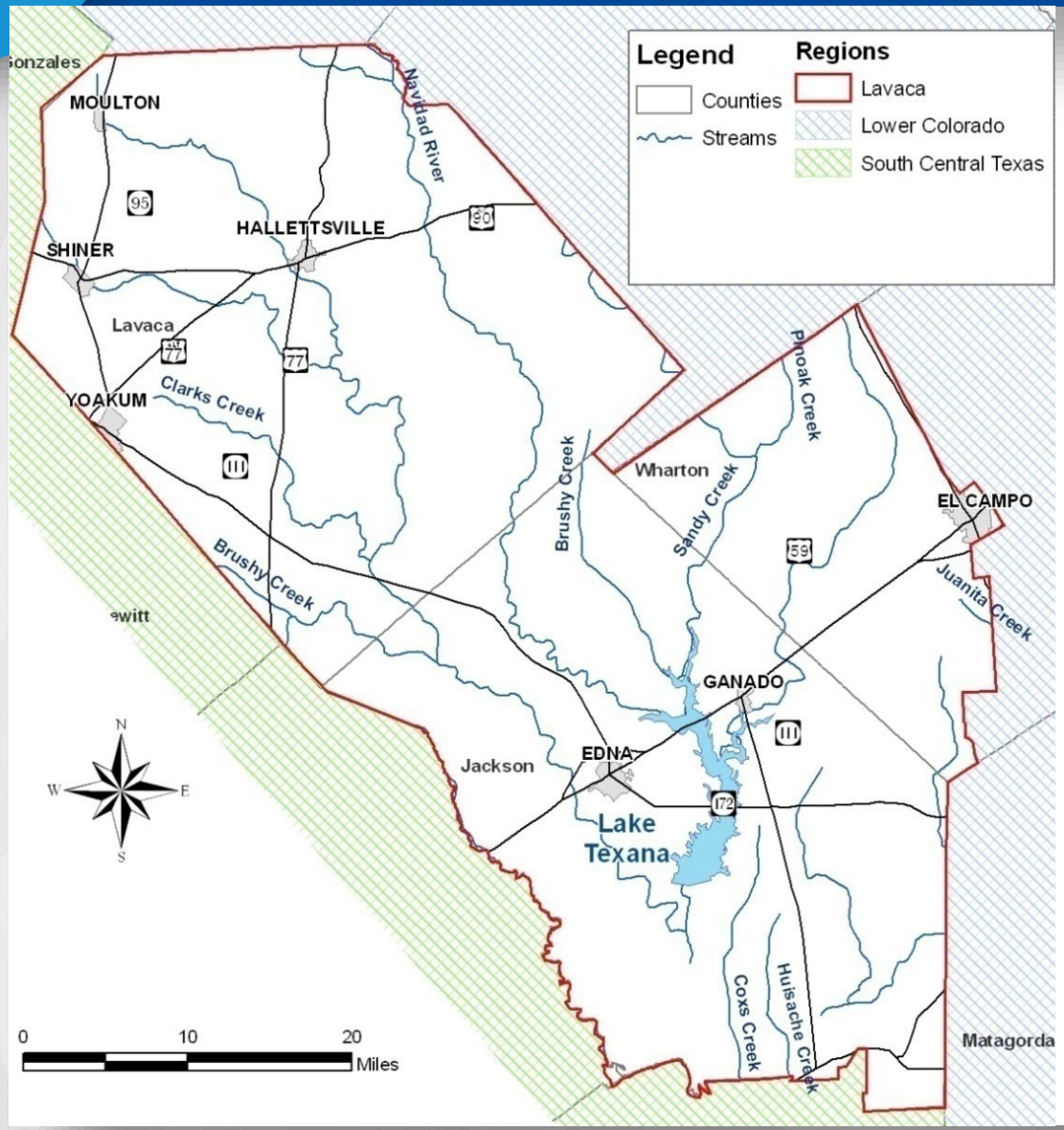
TWDB Interactive State Water Plan



TOPIC B

Description of Lavaca Regional Water Planning Area

Lavaca Region (Region P)



Jackson and Lavaca Counties, portion of Wharton County

One major aquifer

- Gulf Coast Aquifer

One river basin

- Lavaca

Two coastal basins

- Colorado-Lavaca
- Lavaca-Guadalupe

Lake Texana

Nine municipal utilities plus County-Other in each county

Interests Represented by the Lavaca Regional Water Planning Group (RWPG)

- Public
- Counties
- Municipalities
- Industries
- Agriculture
- Environment
- Small Business
- Electric Services
- River Authorities
- Water Districts
- Water Utilities

- **20 Voting Members; Non-voting members from certain State Agencies**

Lavaca RWPG
Voting Membership

INTEREST	NAME	COUNTY
Public	Grace Ward	Lavaca
Municipalities	Jack Maloney	Lavaca
	James Migl	Lavaca
Industries	Marie Day	Lavaca
	Richard Ottis	Wharton
Agriculture	Lee Hafernick	Jackson
	Vance Mitchell	Jackson
	Bart J McBeth	Lavaca
	Stephen Cooper	Wharton
Environmental	Robert Shoemate	Jackson

INTEREST	NAME	COUNTY
Small Business	Vacant	Lavaca
	Ed Weinheimer	Wharton
Electric Utilities	Jim Coleman	Jackson
River Authorities	Patrick Brzozowski	Jackson
Water Districts	John Boone	Jackson
Water Utilities	Vacant	Jackson
GCDs	Neil Hudgins	Wharton
Counties	Jill Sklar	Jackson
	Edward Pustka	Lavaca
	Phillip S. Spenrath	Wharton

Public Participation

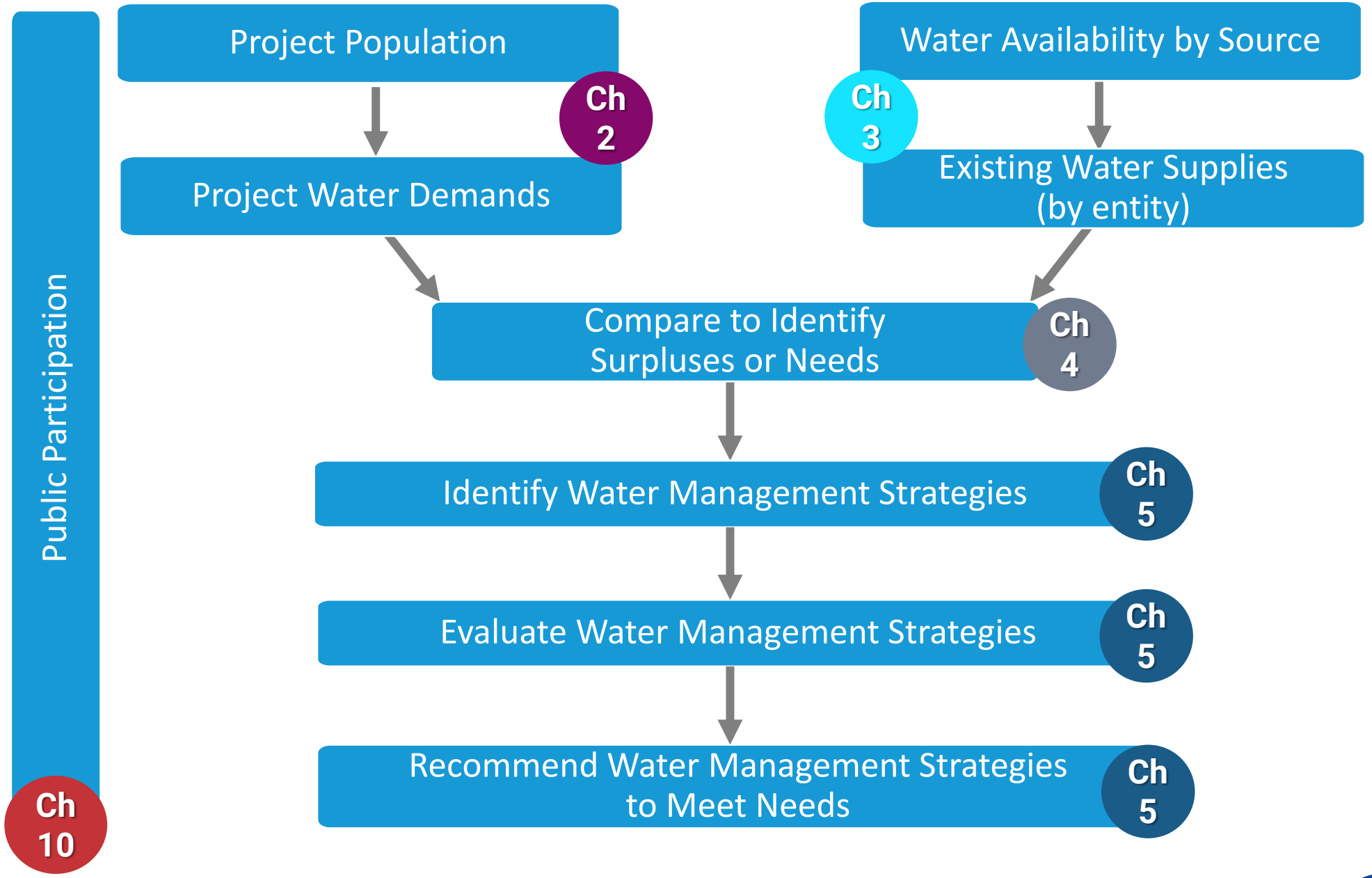
- Quarterly public meetings
    - All planning group materials are posted on Lavaca RWPG website (https://www.lnra.org/water/lavaca-regional-water-planning-group/)
    - Hybrid meetings open to the public
    - Public comments are accepted at beginning and closing of meetings
- Public hearings for the draft plan and other important milestones

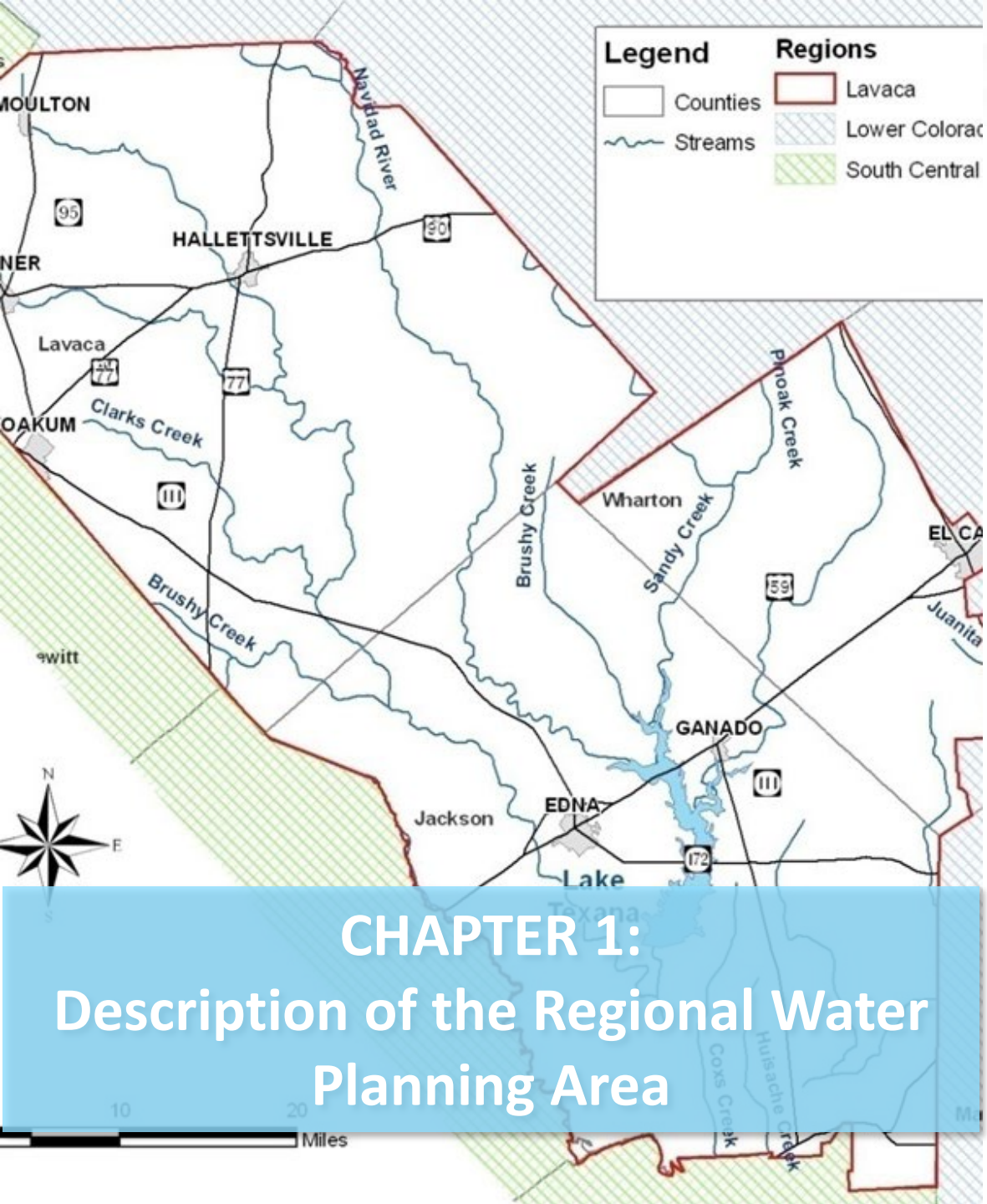
Public involvement is integral to regional water planning process

TOPIC C

2026 Regional Water Plan Process & Highlights

Planning Process



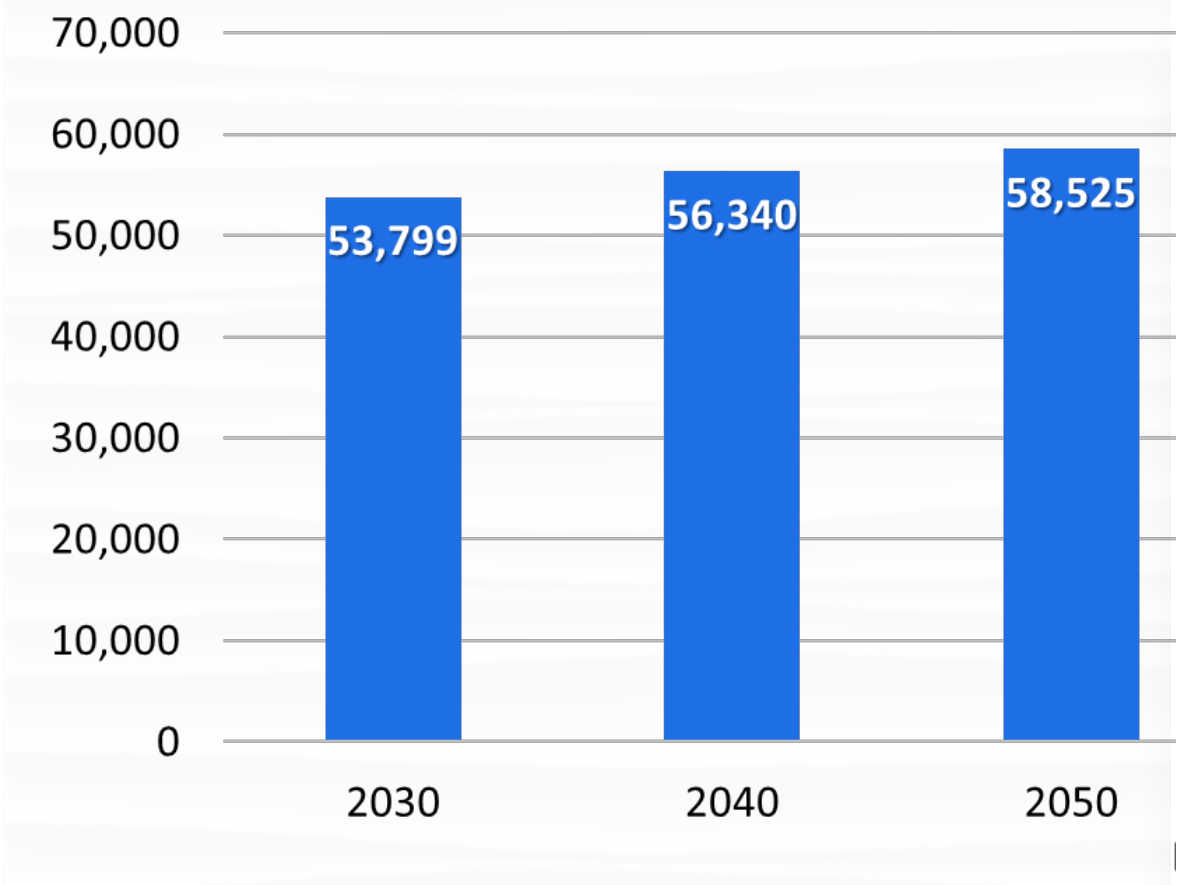


CHAPTER 1:
Description of the Regional Water Planning Area

CHAPTER 1

Provides an overview of the Lavaca Regional Water Planning Area, including:

- Climate
- Water Resources
- Natural Resources
- Agricultural Resources
- Economy
- Current Water Use and Major Demand Centers
- Water Loss Audits



CHAPTER 2:
Population and Water Demands Projections

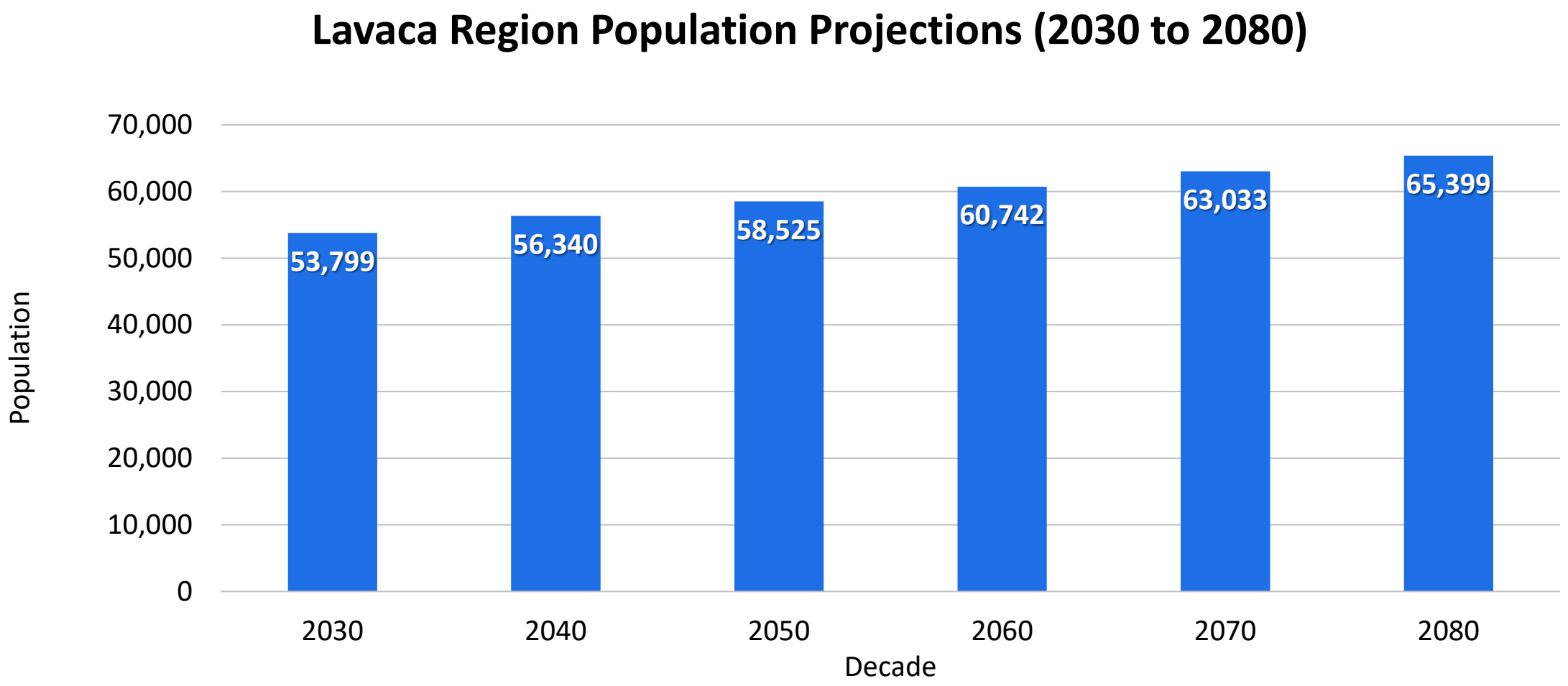
CHAPTER 2

Includes Population and Water Demand Projections for the following Water Use Categories:

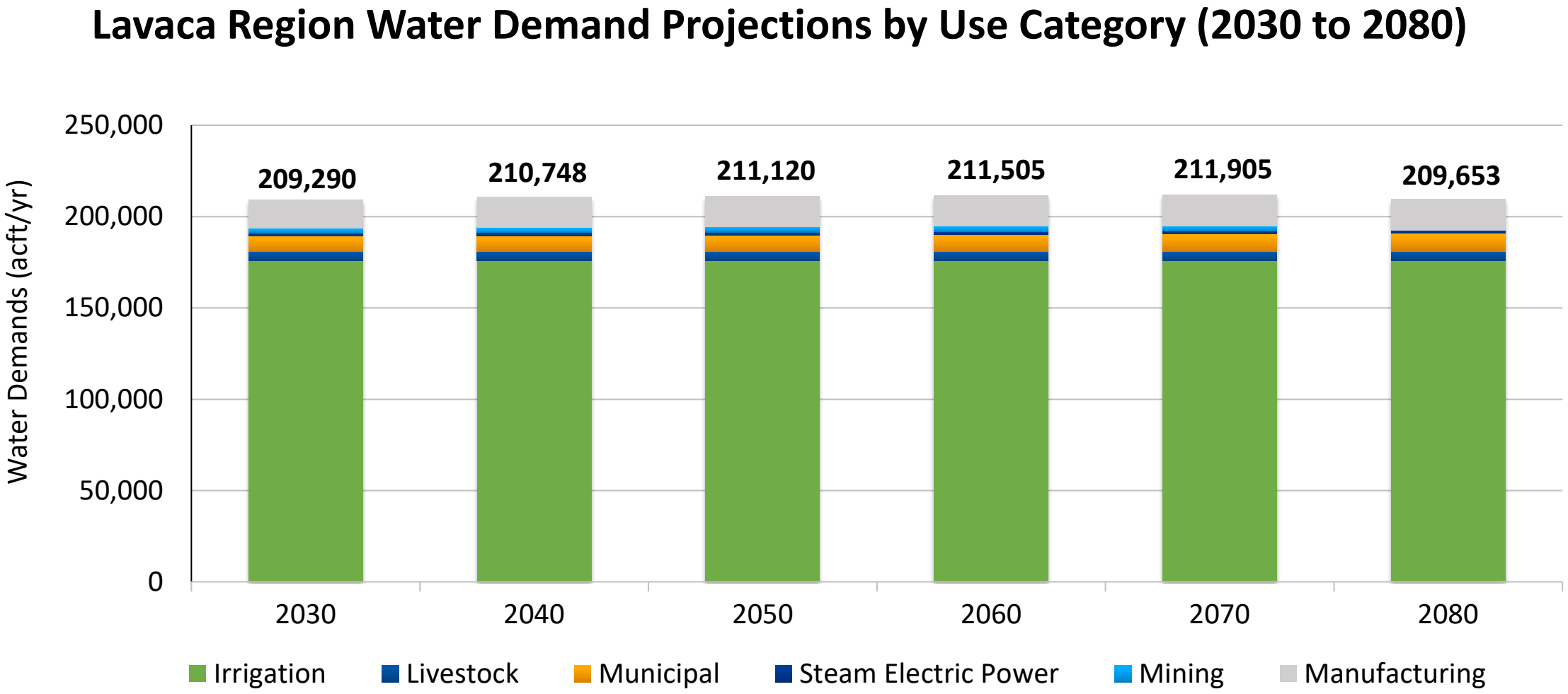
- Municipal
- Irrigation
- Livestock
- Manufacturing
- Mining
- Steam-Electric

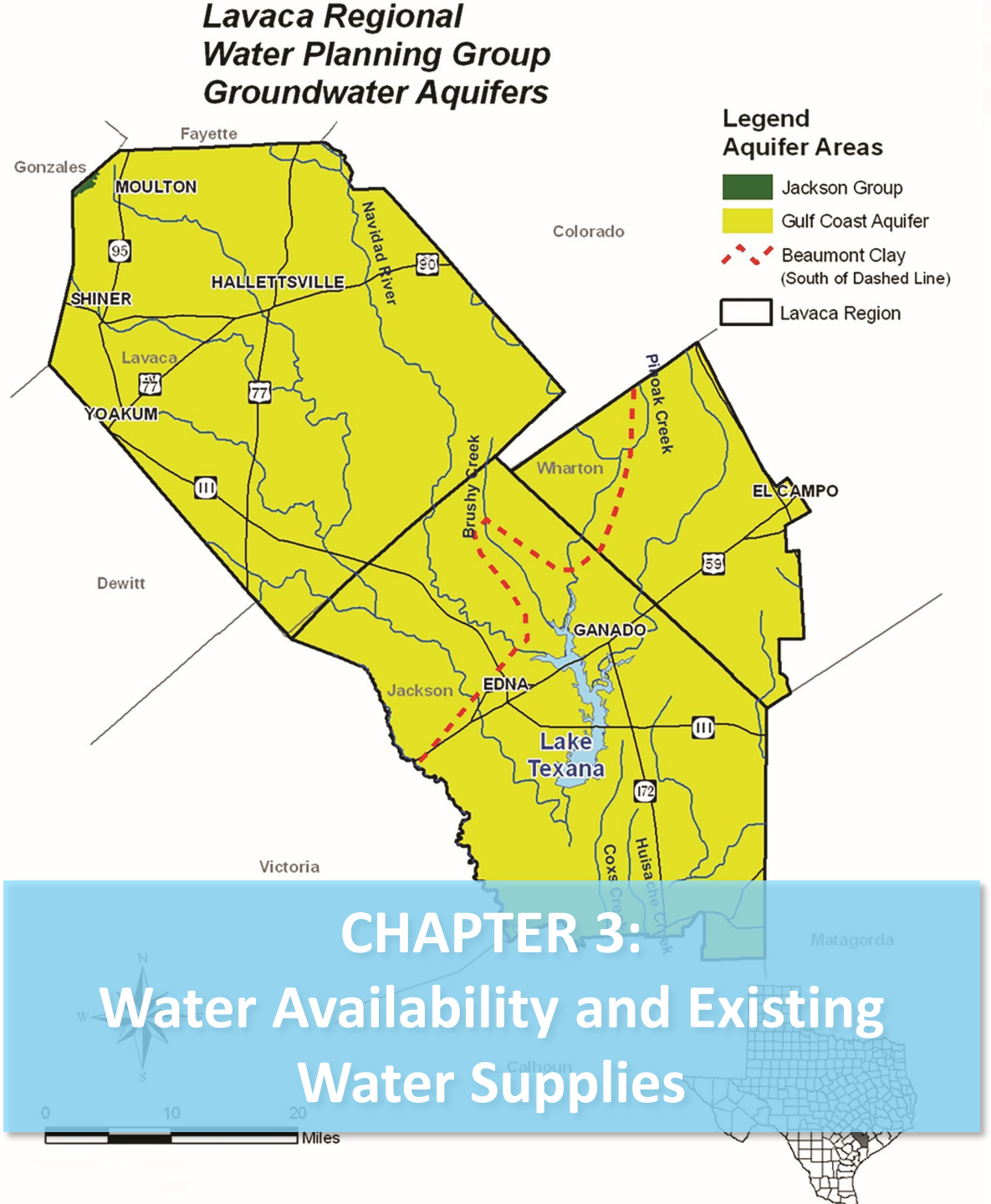
Identifies Major Water Providers

Population and Water Demand Projections



Population and Water Demand Projections





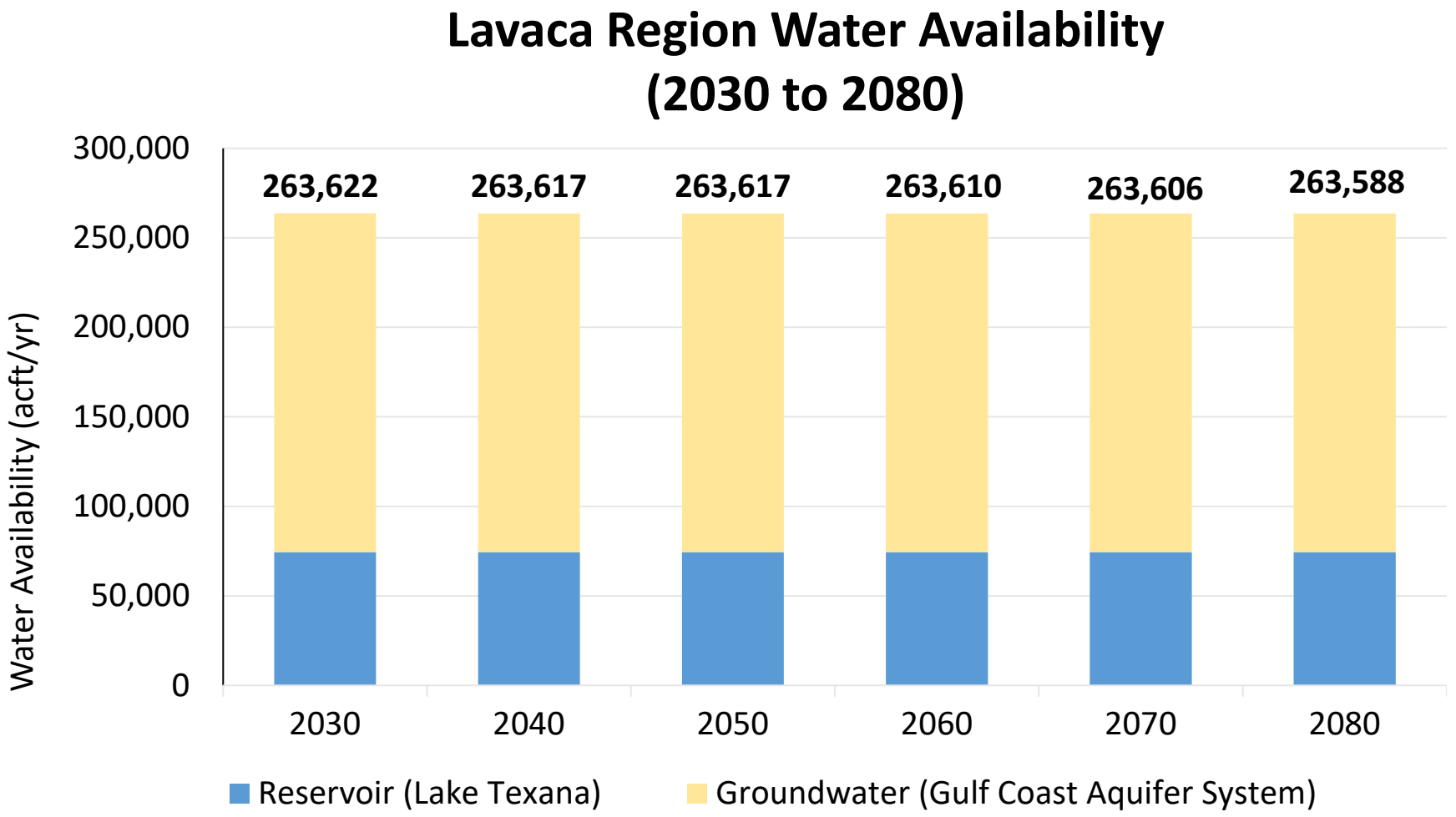
CHAPTER 3

CHAPTER 3:
Water Availability and Existing Water Supplies

Describes water sources and provides estimates of drought-year water availabilities and existing water supplies for:

- Surface Water
  - Run-of-River (no firm)
  - Reservoirs
  - Local Surface Water (no firm)
- Groundwater
- Reuse (none)

Existing Water Supply Availabilities



Supplies are capped by AVAILABILITY

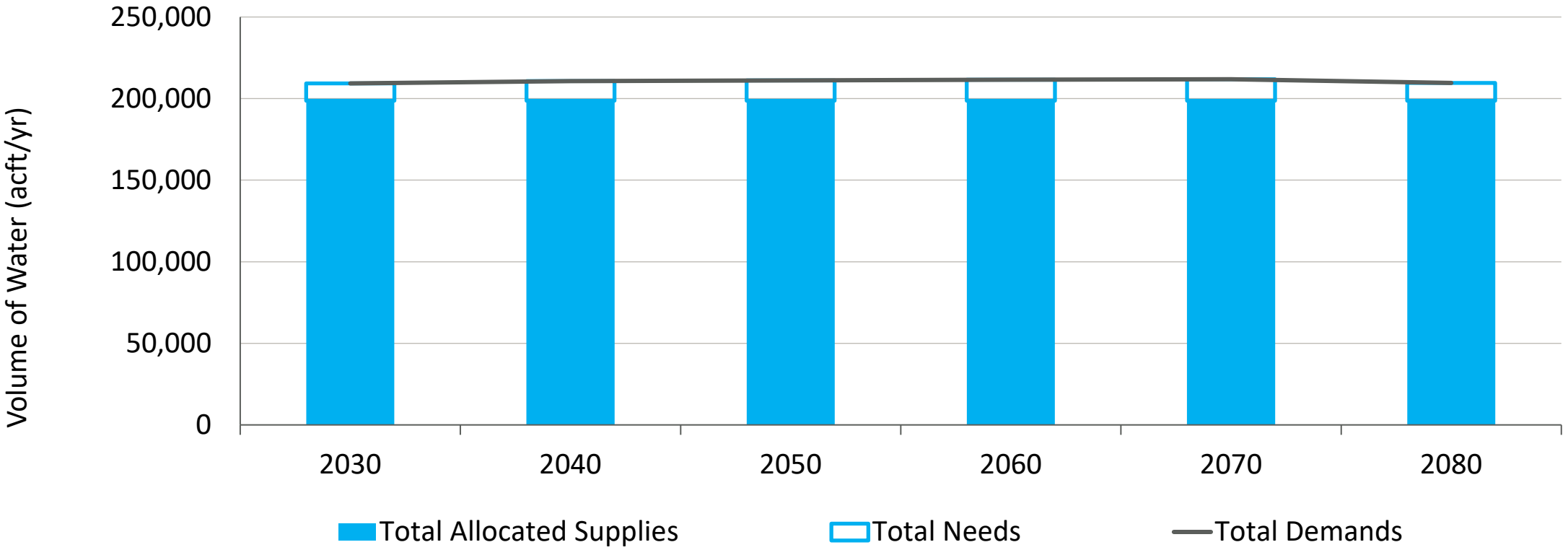
- Surface Water availability is established by the Water Availability Model (WAM)
- Groundwater availability is established by Managed Available Groundwater (MAG)

CHAPTER 4:
Identification of Water Needs

CHAPTER 4

Summarizes the evaluation and results of the water needs (shortages) analysis and secondary needs analysis for WUGs and major water providers (MWPs)

Identification of Water Needs



WUG with Needs	2030	2040	2050	2060	2070	2080
Manufacturing, Jackson (ac-ft/yr)	3,679	4,313	4,334	4,355	4,377	4,401
Irrigation, Jackson (ac-ft/yr)	1,115	1,115	1,115	1,115	1,115	1,115
Irrigation, Lavaca (ac-ft/yr)	500	500	500	500	500	500
Irrigation, Wharton (ac-ft/yr)	7,716	7,716	7,716	7,716	7,716	7,716

CHAPTER 5:
Water Management Strategies

CHAPTER 5

Includes the following information:

1. Identification of Potentially Feasible WMSs
2. Evaluation of WMSs
3. Recommended and Alternative WMSs
4. Water Conservation Recommendations (as a separate subchapter)

Water Management Strategies (WMSs) Evaluated

Recommended WMSs	Yield (ac-ft/yr)					
	2030	2040	2050	2060	2070	2080
Drought Management - Municipalities	460	475	490	505	519	534
Municipal Conservation - Water Loss Mitigation	134	137	141	145	150	154
Municipal Conservation - Water Use Reduction	91	290	473	582	668	760
Irrigation Conservation - On-farm Conservation	12,335	12,335	12,335	12,335	12,335	12,335
Irrigation Conservation - Tail water Recovery	1,910	1,910	1,910	1,910	1,910	1,910
Conservation for Manufacturing	1,579	1,690	1,697	1,703	1,710	1,715
Reuse of Municipal Effluent - El Campo	0	560	560	560	560	560
Expand Use of Groundwater - Edna	217	217	217	217	217	217
Expand Use of Groundwater - Hallettsville	294	294	294	294	294	294
Lake Texana Yield Enhancement Project	23,500	30,600	30,600	30,600	30,600	30,600
LNRA Desalination	0	10,000	10,000	10,000	10,000	10,000

Water Management Strategies (WMSs) Evaluated

Alternative WMSs	Yield (ac-ft/yr)					
	2030	2040	2050	2060	2070	2080
Drought Management - Manufacturing	1,483	1,593	1,596	1,600	1,604	1,608
Irrigation Conservation - Alternate Wetting and Drying	592	592	592	592	592	592
LNRA Aquifer Storage and Recovery	0	0	10,880	10,880	10,880	10,880
Lake Texana Dredging	0	2	2	2	2	2
Expand Use of the Gulf Coast Aquifer	9,216	9,216	9,216	9,216	9,216	9,216

CHAPTER 6-10

Includes the following information:

6. Impacts of the RWP and Consistency with Protection of Water Resources, Agricultural Resources, and Natural Resources
7. Drought Response Information, Activities, and Recommendations
8. Policy Recommendations and Unique Sites
9. Implementation and Comparison to the Previous Regional Water Plan
10. Adoption of Plan and Public Participation

Next Steps

RWPG Holds IPP Public Hearing

2025 May 15

RWPG considers and addresses all comments

2025 August

RWPG adopts **FINAL PLAN**

2025 October

RWPG Submits Final Regional Plan to TWDB

2025 October 20

Written public comments accepted until July 15

Comment Period

Public Comment

Please state your name and affiliation before providing your comment today

You may also submit a written comment at today's meeting if you prefer not to speak

Any time before July 15, you may submit written comments:

- By Mail:
  Patrick Brzozowski
  Lavaca Navidad River Authority
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