NOTICE OF OPEN MEETING OF THE
SOUTH CENTRAL TEXAS REGIONAL
WATER PLANNING GROUP

TAKE NOTICE that a meeting of the South-Central Texas Regional Water Planning Group (SCTRWPG) as established by the Texas Water Development Board will be held on Thursday, February 20, 2025 at 9:30 AM both in person and virtually. The in-person meeting will be held at the San Antonio Water System's Customer Service Building, Room CR-145, 2800 US Hwy 281 North, San Antonio, TX 78212. You can attend virtually on WebEx at https://saws.webex.com/saws/j.php?MTID=mfdcc516d353889c530b3ba9e2468b8cc. The planning group members will consider and may take action regarding:

1. (9:30 AM) Roll-Call
2. Public Comment (Limited to 3 minutes)
3. Approval of the Minutes from the Previous Meeting of the South-Central Texas Regional Water Planning Group (SCTRWPG)
4. Discussion and Appropriate Action Regarding Filling Existing Vacancies and Vacancies to Result from Future Term Expirations or Resignations
5. Status Reports and Communications by TWDB
6. Status Reports and Communications Related to Regional Water Planning including reports by the Chair, Regional Liaisons, Groundwater Management Area Representatives, and Members of the Planning Group
7. Consideration and Appropriate Action Regarding Presentation by Technical Consultant Regarding Schedule and Progress Update
8. Consideration and Approval Regarding the Initially Prepared Plan (IPP) for the 2026 South Central Texas (Region L) Regional Water Plan
    a. Consideration and Appropriate Action to Adopt the IPP and Authorize the Technical Consultant to Address DB27 Updates, Non-substantive Revisions, and Planning Group Changes Prior to IPP Submittal
    b. Consideration and Appropriate Action to Authorize the Technical Consultant to Submit the IPP Package to the Texas Water Development Board on Behalf of the South-Central Texas (Region L) Regional Water Planning Group by March 3, 2025
    c. Discussion and Appropriate Action to Authorize the San Antonio River Authority to Post Public Notice(s) and Hold Public Hearing(s) on the IPP
9. Discussion and Appropriate Action Regarding the Establishment of Additional Subcommittees
10. Schedule and Potential Agenda Items for the Next Meeting of the SCTRWPG
11. Public Comment (Limited to 3 minutes)
12. Adjourn

Comments and submissions may be submitted through email to ccastillo@sariverauthority.org and include “Region L South Central Texas Water Planning Group Meeting Public Comment” in the subject line of the email. Any written documentation can be sent to Curt Campbell, Chair, South Central Texas Regional Water Planning Group, c/o San Antonio River Authority, Attn: Caye Castillo, 100 E. Guenther Street, San Antonio, TX 78204. Please direct any questions to Caye Castillo at (210) 302-4258, ccastillo@sariverauthority.org.

AGENDA ITEM NO.3 – APPROVAL OF THE MINUTES FROM THE PREVIOUS MEETING OF THE SOUTH-CENTRAL TEXAS REGIONAL WATER PLANNING GROUP (SCTRWPG)

Minutes of the South Central Texas Regional Water Planning Group
January 23, 2025

Chair Campbell called the hybrid meeting to order at 9:31 a.m., held both in person and through WebEx online platform.

23 of the 32 voting members, or their alternates, were present.

Voting Members Present:
Tim Andruss
Curt Campbell
Andra Wisian
Charlie Flatten
Steve Metzler
Michelle Shelton for Terrell Graham
Thomas Jungman
Aarin Teague
Jason Ammerman
Daniel Meyer
Gary Middleton
Travis Pruski
Donovon Burton for Robert Puente
Humberto Ramos
Weldon Riggs
Roland Ruiz
Darrell Brownlow
Mitchell Sowards
Jonathan Stinson
Paul Kite
Mike Short for Ryan Kelso
Dianne Wassenich
Adam Yablonski

Voting Members Absent:
Debbie Farmer
Ryan Bayle
John Byrum
Vic Hilderbran
Scooter Mangold
Andrew McBride
Vanessa Puig-Williams
Darren Simmons
Dan Yoxall

Non-Voting Members Present:
Carly Rotzler, TX Department of Parks and Wildlife
Tony Franklin, Texas Soil & Water Cons. Board
Michele Foss, Texas Water Development Board (TWDB)

Non-Voting Members Absent:
Iliana Delgado, TCEQ
Don McGhee, Region M Liaison
Charles Wiedenfeld, Region J Liaison
Carl Crull, Region N Liaison
Tom Hegemier, Region K Liaison
Jami McCool, TX Dept. of Agriculture

Beginning with the February 11, 2016, meeting of the South Central Texas Regional Water Planning Group, all recordings are available for the public at www.regionltexas.org.

AGENDA ITEM NO.1: ROLL CALL

Ms. Castillo took roll call.

AGENDA ITEM NO.2: PUBLIC COMMENT (LIMITED TO 3 MINUTES)

No public comments.

AGENDA ITEM NO.3: APPROVAL OF THE MINUTES FROM THE PREVIOUS MEETING OF THE SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP (SCTRWPG)

Mr. Ramos motioned to approve the minutes from the previous meeting. Mr. Riggs seconded, the motion passed by consensus.

AGENDA ITEM NO.4: DISCUSSION AND APPROPRIATE ACTION REGARDING FILLING EXISTING VACANCIES AND VACANCIES TO RESULT FROM FUTURE TERM EXPIRATIONS OR RESIGNATIONS

Chair Campbell informed the RWPG that a solicitation for the Municipalities Vacancy on Region L went out at the end of last year. He included that only 1 nomination form was received. The nominee, Paul Kite, is an Assistant Director of Utilities at the City of San Marcos. The Executive Committee was agreeable to accepting Mr. Kite's nomination to the RWPG to fill the Municipalities vacancy. Chair Campbell asked for Mr. Kite to address the RWPG and introduce himself prior to voting.

Ms. Wassenich motioned to accept Mr. Paul Kite to fill the Municipalities Vacancy on the Region L, Mr. Stinson seconded, the motion passed by consensus.

AGENDA ITEM NO.5: ELECTION OF OFFICERS FOR THE 2025 SCTRWPG EXECUTIVE COMMITTEE

Mr. Wassenich motioned to keep the current elected officers in their positions. Mr. Andruss seconded the motion, motion passed.

AGENDA ITEM NO.6: STATUS REPORTS AND COMMUNICATIONS BY TWDB

Ms. Foss provided an update from TWDB on a recent RWPG Chairs Call that was held on December 9, 2024, progress that has been made on the New Water Supply for Texas Fund, and detailed information on the Initially Prepared Plan (IPP) requirements and schedule, as well as the process for the Final Regional Water Plan (RWP). Her presentation is available online at www.regionltexas.org.

AGENDA ITEM NO.7: STATUS REPORTS AND COMMUNICATIONS RELATED TO REGIONAL WATER PLANNING INCLUDING REPORTS BY THE CHAIR, REGIONAL LIAISONS, GROUNDWATER MANAGEMENT AREA REPRESENTATIVES AND MEMBERS OF THE PLANNING GROUP

Chair Campbell provided an update from GMA 9 stating that the Joint Planning Committee Meeting will be on February 18th where they will be discussing modeling needs for the fourth GMA 9 Planning Cycle and be provided a presentation by TWDB on joint planning and modeling.

Mr. Brownlow provided an update on GMA 13 stating that the technical consultant has released the draft of the Sout Central Texas Carrizo-Wilcox model and comment will be due by February 20th.

AGENDA ITEM NO.8: CONSIDERATION AND APPROPRIATE ACTION REGARDING BRIEFINGS ON WORKGROUP ACTIVITIES

Ms. Gonzalez provided an update regarding Chapter 8 which specifies that the regional water plans must include recommendations on regulatory, administrative, or legislative issues, such as: Ecologically Unique River and Stream Segments, Unique Sites for Reservoir Construction, and Other Recommendations. Ms. Gonzalez included details on what the Region L Policy and Legislative Recommendations Workgroup has accomplished and information on a proposed revision to the RWPG's approved draft Chapter 8 regarding 8.3.6 Water System Capacity.

Mr. Fousse with the City of Cibolo who proposed this change addressed the RWPG on the purpose of his recommendation and shared is support for the proposed language change.

Mr. Ramos motioned to approve the Region L Policy and Legislative Recommendations Workgroup's January 14th Recommendation to include the proposed language regarding minimum system capacity requirements in Chapter 8 of the 2026 South Central Texas (Region L) Regional Water Plan. Mr. Pruski seconded the motion, the motion passed by consensus.

AGENDA ITEM NO.9: CONSIDERATION AND APPROPRIATE ACTION REGARDING PRESENTATION BY TECHNICAL CONSULTANT REGARDING SCHEDULE AND PROGRESS UPDATES

Ms. Gonzalez provided an update regarding schedule progress, updates on all efforts, and updates on draft chapters 1 through 10. Her presentation is available online at www.regionltexas.org.

Discussion ensued regarding input from the planning group on proposed language to be added to the Available Yield section of the CVLGC WMS.

Additional discussion and input were requested for the 2026 Region L Water Plan on how the SCTRWPG would like to address unmet needs for municipal WUGs. The RWPG members discussed ensuring all WUGs were reached out to confirm unmet needs and the benefits of

allowing for the plan to include unmet needs for municipal WUGs as it portrays the need for water sources.

AGENDA ITEM NO.9: DISCUSSION AND APPROPRIATE ACTION REGARDING THE ESTABLISHMENT OF ADDITIONAL SUBCOMMITTEES

No additional subcommittees were established.

AGENDA ITEM NO.10: SCHEDULE AND POTENTIAL AGENDA ITEMS FOR THE NEXT MEETING OF THE SCTRWPG

The next SCTRWPG meeting is scheduled for February 20, 2025, at 9:30 AM.

AGENDA ITEM NO.11: PUBLIC COMMENT (LIMITED TO 3 MINUTES)

No public comments.

AGENDA ITEM NO.12: ADJOURN

Mr. Campbell adjourned as there were no other matters to discuss.

The meeting adjourned at 11:34am.

AGENDA ITEM NO.5 – STATUS REPORTS AND COMMUNICATIONS BY TWDB

Region L Update February 20, 2025

- **2025 SWIFT Funding**
  - 28 Abbreviated Applications Submitted – 3 in Region L
  - Additional Information Due to TWDB February 21
  - Invitations to Submit Complete Applications for Funding Spring 2025

- **2026 SWIFT Funding**
  - Projects in the 2026 Regional Water Plans ***Will*** be Eligible

IPP Resources

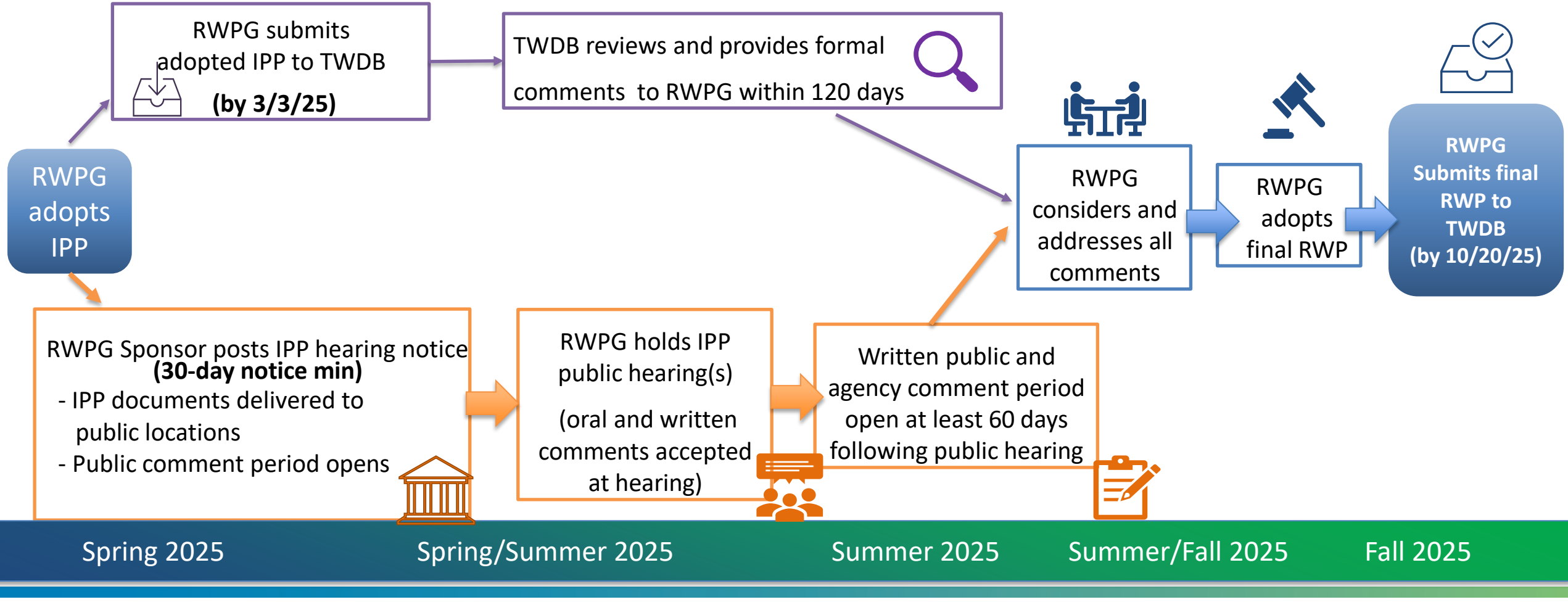
- IPP and Final Regional Water Plan Process Schematic
- IPP and Final Regional Water Plan Public Notice Summary
- Regional Notification List – TCEQ Water Rights Holders
- Regional Notification List – TCEQ List of Public Water Utilities, General and Special Law Districts, and River Authorities

All are located on the TWDB 2026 RWP Planning Documents Page

https://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/documents.asp

Initially Prepared Plan (IPP) and Final Regional Water Plan (RWP) Process Schematic

[View full process schematic here ->]



IPP Public Hearing Requirements

- At least one in-person or hybrid public hearing within planning area
  - RWPG may hold additional hearings that are hybrid or virtual
  - Format is up to RWPG
    - Presentation/Review of Plan
    - Open House/ Q&A Format

IPP Public Hearing Notice Requirements

- Notice Must be Published at Least 30 Days Prior to Public Hearing
- Published/Posted on RWPG Website, Texas Secretary of State Website, and Newspaper of General Circulation in Each County of RWPA
- Notice Must Also be Provided to:
  - All voting and non-voting RWPG members
  - Adjacent RWPGs and any other RWPGs where a WMS is being considered
  - County judges; mayors of municipalities with population 1,000 or more
  - Special or General Law Districts and River Authorities (TCEQ List)
  - Each Retail Public Utility that serves the RWPA or receives water from RWPA
  - Water rights holders for surface water diversions occurring in the RWPA

IPP Public Hearing Notice Requirements (Cont.)

- Notice Must Contain:
  - Date, time, and location of the public meeting or hearing
  - Summary of the proposed activities and any action(s) to be taken
  - Name, telephone number, email address, and physical address of a contact person to whom questions or requests for additional information may be submitted
  - A statement of how and when comments will be received from the members and public
  - Locations of IPPs available for public inspection*
    - ***You may specify that the list of locations is posted on the RWPG website***

IPP Public Comment Requirements

- **Minimum Comment Period**

  30 days prior to first public hearing and 60 days following last public hearing

- **Document Posting/Availability**

  Copies of IPP must be available for public review at one library and county courthouse of each county in the RWPA

  Copies may be electronic, on electronic media (flash key), or hard copy

  IPPs must be available for review beginning day notice is published

  Additional meeting materials for IPP hearing 7 days prior and 30 days following

Questions?

Michele Foss
michele.foss@twdb.texas.gov

Stay connected:

AGENDA ITEM NO.7 – CONSIDERATION AND APPROPRIATE ACTION REGARDING PRESENTATION BY TECHNICAL CONSULTANT REGARDING SCHEDULE AND PROGRESS UPDATES

BLACK & VEATCH

2/20/2025

Agenda Item 7: Consideration and Appropriate Action Regarding Presentation by Technical Consultant Regarding Schedule and Progress Updates

BLACK & VEATCH

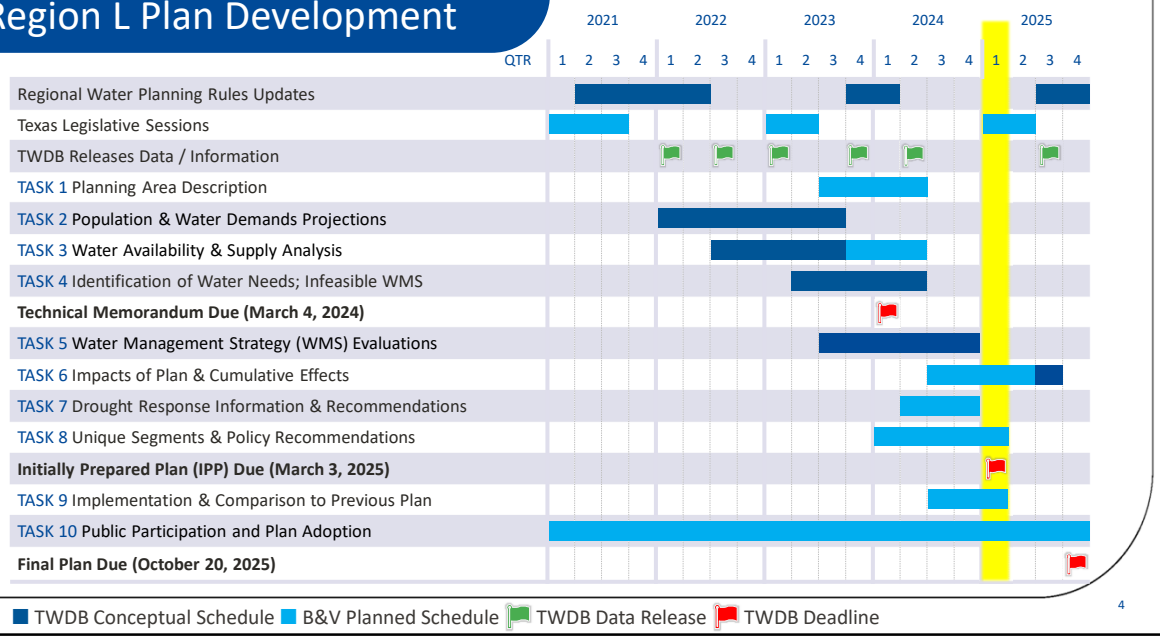
Schedule and Progress Updates – Overview

A. Schedule Progress
B. Updates on Completed, New, or Ongoing Efforts
C. Updates on Draft Chapters

TOPIC A

- Schedule Progress

Conceptual Schedule for Region L Plan Development



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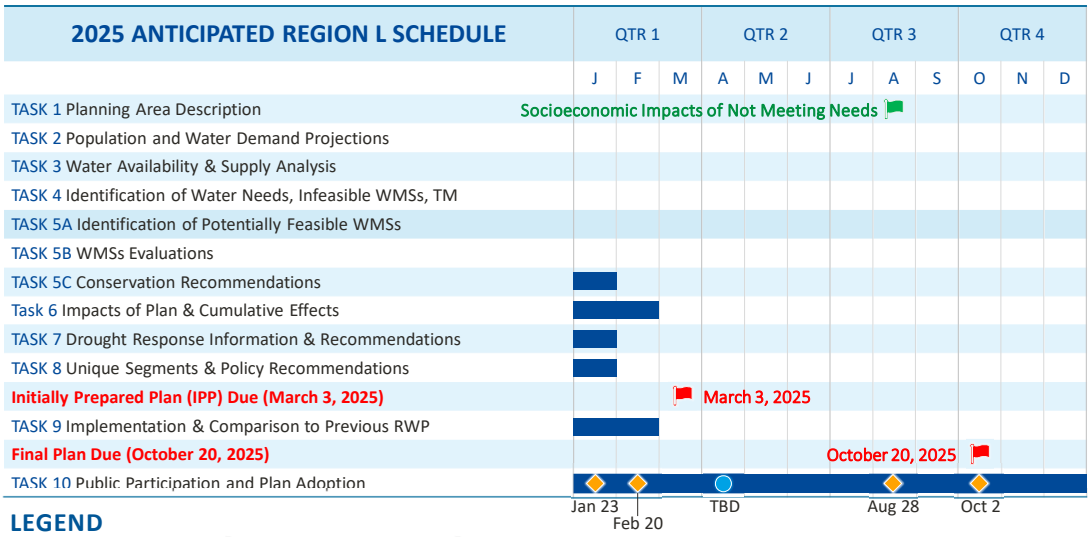
2025 ANTICIPATED REGION L SCHEDULE

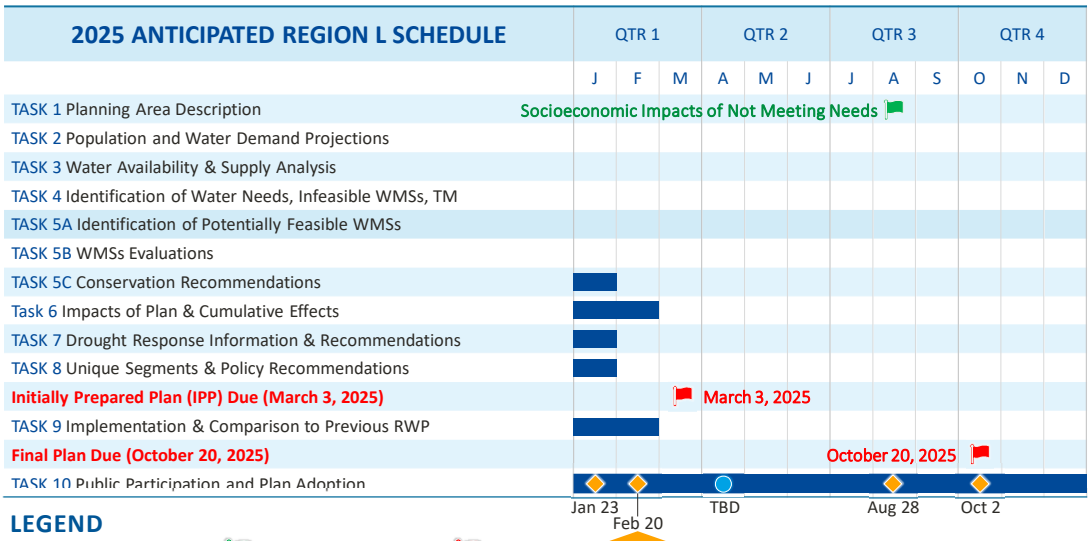


LEGEND

Region L Activities | TWDB Data Release | TWDB Deadline | Region L RWPG Meeting | Public Hearing

5

2025 ANTICIPATED REGION L SCHEDULE



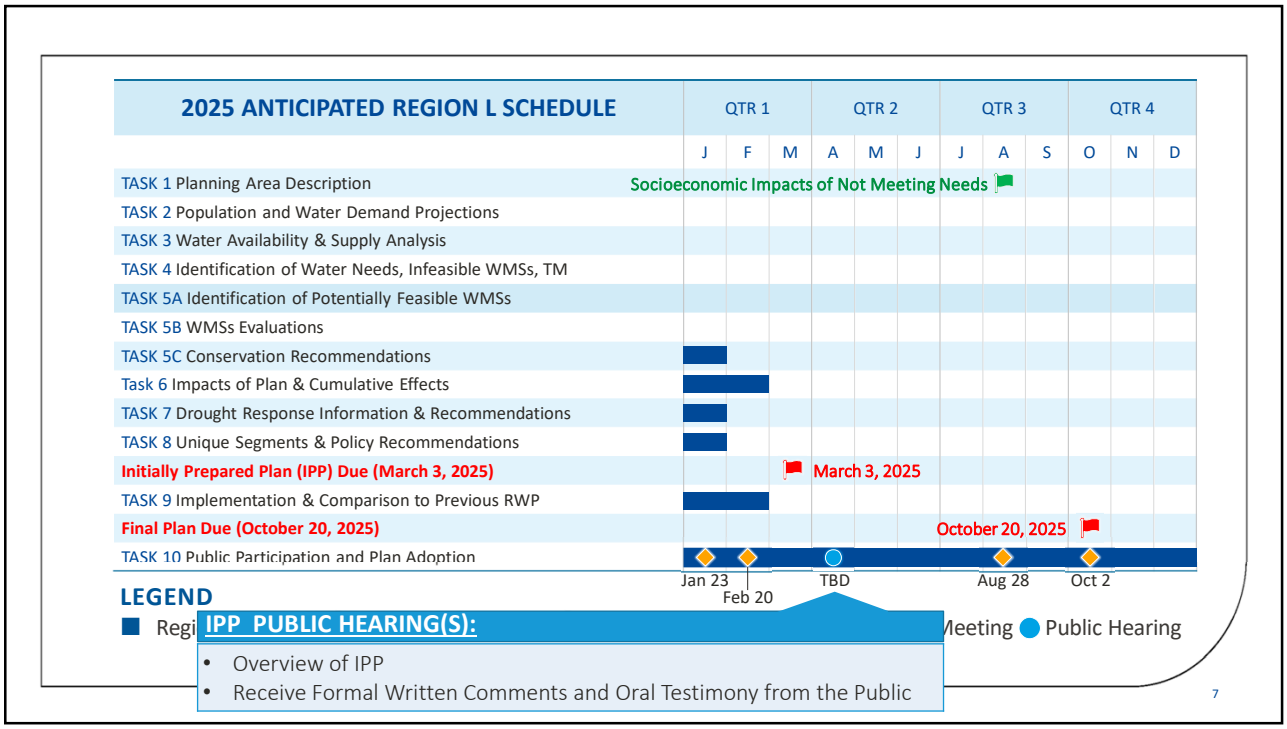
LEGEND

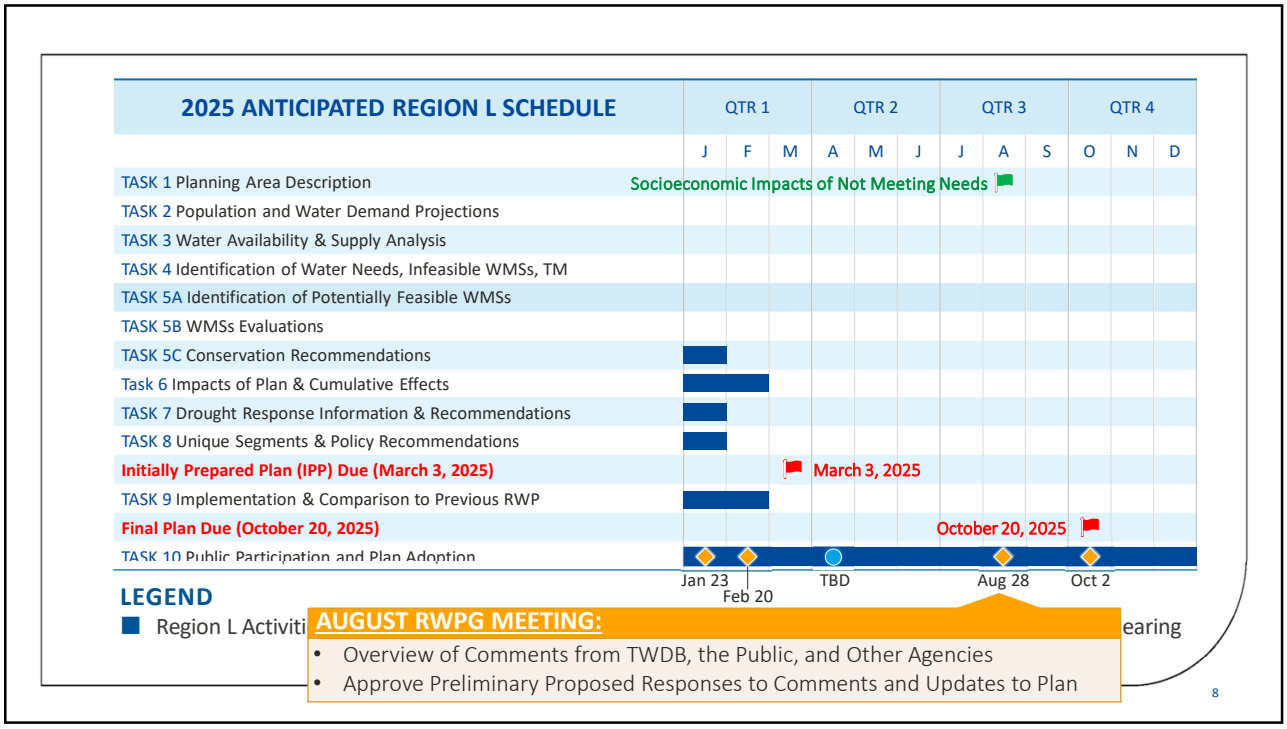
Hearing

FEBRUARY RWPG MEETING:

- Presentation of Ch. 6 Cumulative Effects Analysis Results
- Updates on Chapters and Responses to RWPG Comments
- Adopt Initially Prepared Plan (IPP)

6


2025 ANTICIPATED REGION L SCHEDULE
QTR 1
QTR 2
QTR 3
QTR 4
J F M A M J J A S O N D
TASK 1 Planning Area Description
Socioeconomic Impacts of Not Meeting Needs
TASK 2 Population and Water Demand Projections
TASK 3 Water Availability & Supply Analysis
TASK 4 Identification of Water Needs, Infeasible WMSs, TM
TASK 5A Identification of Potentially Feasible WMSs
TASK 5B WMSs Evaluations
TASK 5C Conservation Recommendations
Task 6 Impacts of Plan & Cumulative Effects
TASK 7 Drought Response Information & Recommendations
TASK 8 Unique Segments & Policy Recommendations
Initially Prepared Plan (IPP) Due (March 3, 2025)
March 3, 2025
TASK 9 Implementation & Comparison to Previous RWP
Final Plan Due (October 20, 2025)
October 20, 2025
TASK 10 Public Participation and Plan Adoption
Jan 23
Feb 20
TBD
Aug 28
Oct 2
LEGEND
Regi
Meeting
Public Hearing
IPP PUBLIC HEARING(S):
• Overview of IPP
• Receive Formal Written Comments and Oral Testimony from the Public
7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October 20, 2025
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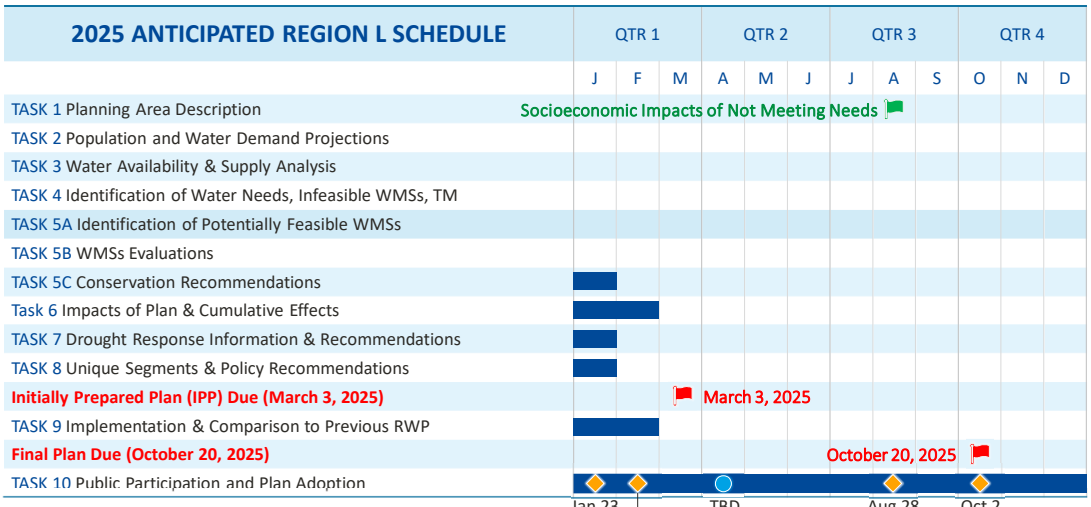
Jan 23
Feb 20
TBD
Aug 28
Oct 2
LEGEND
Region L Activiti
earing
AUGUST RWPG MEETING:
• Overview of Comments from TWDB, the Public, and Other Agencies
• Approve Preliminary Proposed Responses to Comments and Updates to Plan
8

2025 ANTICIPATED REGION L SCHEDULE



LEGEND

Region L Activities | TWDB Data Release | TWDB

OCTOBER RWPG MEETING:

- Updates on Chapters and Responses to Comments
- Adopt Final 2026 Region L Regional Water Plan

9

TOPIC B

- Updates on Completed, New, or Ongoing Efforts

Black & Veatch 10

Update on Completed, New, or Ongoing Efforts

- Providing Draft Chapters for RWPG Review and Comment
  - Distributed Chapters 1-10 for review and comment by SCTRWPG members
  - Will present proposed responses to comments in subsequent slides
- Sent Surveys to WMS Sponsors to Request Implementation Status of Certain WMSs (Task 5)
  - Compiled survey results and included them in Draft Appendix 5C
- Finalizing Chapter 6: Impacts of the Regional Water Plan and Consistency with Protection of Resources (Task 6)
  - Completed analysis of cumulative effects and environmental impacts
  - Included results of cumulative effects analyses in Draft Chapter 6, which will be updated to include environmental results before IPP submittal
  - Will present full results of cumulative effects analysis in subsequent slides

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Update on Completed, New, or Ongoing Efforts

- Finalizing Chapter 9: Implementation and Comparison to the Previous Regional Water Plan (Task 9)
  - Sent surveys to WUGs requesting information on implementation of WMSs in previous plan and funding
  - Compiled survey responses to date in Appendix 9A
  - Will present full results of evaluation in subsequent slides
- Continuing TWDB Database (DB27) data entry
  - Will include TWDB DB27 reports in the Executive Summary and a link for reviewing reports online
  - Will include relevant DB27 reports in certain chapters, such as Chapters 2, 3, and 4

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Update on Completed, New, or Ongoing Efforts

- Finalizing Chapter 10: Public Outreach and Interregional Coordination Efforts (Task 10) and Continuing Outreach Efforts
  - Regular calls with Region K consultant team
  - Coordinated with Regions N and P on shared WUGs
  - Connecting with Regions G, J, N, and P, as needed
  - Completed Draft Chapter 10
  - Will present results of chapter presented in subsequent slides

TOPIC C

- Updates on Draft Chapters

Chapter Updates Overview (1 of 3)

- Anticipated Updates Prior to IPP Submittal
  - Continue DB27 entry and may make revisions or adjustments to the report for consistency
  - Update Executive Summary for consistency across chapters
  - Format Document
  - Compile and update tables of contents, appendices, figures, and tables

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Chapter Updates Overview (2 of 3)

- No actionable comments have been received since the January 23rd RWPG meeting for the following chapters:
  - Chapter 1
  - Chapter 2
  - Chapter 3
  - Chapter 8
- There are no anticipated substantive changes needing to be made to the above chapters
- Will finalize the above chapters and include in the Initially Prepared Plan (IPP)

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Chapter Updates Overview (3 of 3)

- Will provide updates to the following chapters in subsequent slides
  - Chapter 4
  - Chapter 5
  - Chapter 6
  - Chapter 9
  - Chapter 10

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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)

Supplies – Demands = Surplus (Needs)

Black & Veatch 18

Chapter 4 – Updates to Chapter

- Coordinated with Region N and several Region L WUGs regarding Unmet Needs
- Coordination resulted in updates to supplies, which changes the needs slightly
- Will update Chapter 4 tables, figures, and text, as needed

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)

Chapter 5 – Updates to Chapter

5.1 Potentially Feasible Water Management Strategies

- May update justifications for inclusion of strategies for certain types of potentially feasible WMSs in Section 5.1.2 and Appendix 5B

5.2 Water Management Strategy Evaluations

- No revisions anticipated to methodology
- Revisions anticipated for several WMSs – summarized in subsequent slides

5.3 Water Conservation Information and Recommendations

- No revisions anticipated

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Chapter 5.2 – Updates to WMSs (1 of 6)

- Making minor revisions to groundwater allocations to accommodate changes in supplies, resulting in minor changes to yields, cost tables, and DB27
- Adding WMSs to resolve unmet needs (discussed in more detail in Chapter 6 slides)
- Adding “Entity Purchase to Meet Shortages” to resolve unmet needs

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Chapter 5.2 – Updates to WMSs (2 of 6)

- Entity Purchase to Meet Shortages
  - To resolve unmet needs, some WUGs will include a new WMS to purchase water from another entity with a surplus (both parties agreed to inclusion of the strategy)
  - This strategy was also included in the 2021 Regional Water Plan to resolve shortages

WUG	Seller	2030	2040	2050	2060	2070	2080
Crystal Clear SUD	GBRA	0	3,000	3,000	3,000	4,000	6,000
East Central SUD	CRWA	307	0	0	0	0	0
Elmendorf	SAWS	0	0	0	0	100	600
Goforth SUD	GBRA	0	0	0	0	0	800
South Buda WCID 1	GBRA	0	100	500	1,100	1,700	2,300
Texas State University	San Marcos	401	401	401	401	401	401
The Oaks WSC	SAWS	10	29	43	55	68	83
Wimberley WSC	GBRA	0	0	300	700	1,100	1,500
Total	**All**	**718**	**3,530**	**4,244**	**5,256**	**7,369**	**11,684**

23

Chapter 5.2 – Updates to WMSs (3 of 6)

- Updating language for MAG-limited/MAG-constrained WMSs
  - Presented proposed language at the January 23rd RWPG meeting
  - Some WMS sponsors requested changes to the language to instead include similar language from the 2016 Region L Regional Water Plan
  - Refers to “Envisioned Yield” and “MAG-Constrained Yield” instead of “Requested” and “Available” Yields
  - At sponsors’ request, we will include cost estimates for both the Envisioned and MAG-Constrained Yields; the only differences between the cost tables is the unit costs
  - Subsequent slide shows changed language

24

Chapter 5.2 – Updates to WMSs (4 of 6)

The following language was added to the Available Yield section of certain MAG-limited strategies. If desired, similar language could be added to other MAG-limited WMSs at the sponsor(s)'s request (blue underlined text indicates substantive change):

Available Yield

This WMS is planned for full completion by 20__ and has an available yield that varies by decade because of MAG limitations. Table 5.2.__ provides a summary of the yield as envisioned by the sponsor (Envisioned Yield) and the yield available considering MAG constraints (MAG-Constrained Yield) for the ____ WMS. The MAG-Constrained Yield is the available yield included in DB27.

Phase and Yield Type	2030	2040	2050	2060	2070	2080
Envisioned Yield	###	###	###	###	###	###
MAG-Constrained Yield	###	###	###	###	###	###

→ *Continued on Next Slide* 25

Chapter 5.2 – Updates to WMSs (5 of 6)

→ *Continued from Previous Slide*

[…]

For each aquifer in the region, GCDs have adopted desired future conditions (DFCs). In some GCDs, full use of all groundwater supplies (permitted, grandfathered and exempt) may result in non-achievement of the DFCs for an aquifer. To ensure consistency with the DFCs, TWDB requires that groundwater availability for each aquifer be limited for planning purposes to the MAG for the discrete geographic-aquifer unit (i.e., aquifer/county/basin unit). This has resulted, for planning purposes only, in adjustments to permit amounts, and a lack of firm water available for future permits in this plan for some areas for certain time periods. This should not be construed as recommending or requiring that GCDs make these adjustments, or deny future permit applications. As described in Guiding Principle V (refer to Appendix 5A), this is not intended to influence or interfere with the regulatory decisions made by the governing boards of permitting entities. SCTRWPG recognizes and supports the ability of permit holders to exercise their rights to groundwater use in accordance with their permits and it recognizes and supports a GCD's discretion to issue permits and grandfather historical users for amounts in excess of the MAG. SCTRWPG may not modify groundwater permits that GCDs have already issued or limit future permits that GCDs may issue. If the MAG is increased during or after this planning cycle, SCTRWPG may amend this plan to adjust WMS supply volumes that are affected by the new MAG amount.

→ *Continued on Next Slide* 26

Chapter 5.2 – Updates to WMSs (6 of 6)

→ *Continued from Previous Slide*

5.2.##.## Engineering and Costing […]

Because this WMS is MAG-constrained, cost estimate summaries for the ___ WMS are included for the Envisioned Yield and for the MAG-Constrained Yield. All cost estimates consider infrastructure and capacities necessary to deliver the sponsor's Envisioned Yield, despite the lack of groundwater availability. Therefore, project costs are the same for the Envisioned and MAG-Constrained summaries but unit costs vary, as they are dependent on the yield. For the MAG-Constrained cost estimate summaries, annual unit costs were calculated using the MAG-Constrained Yield in the first decade of implementation. The following cost estimate summary tables are included:

- Envisioned Yield Cost Summary: Table 5.2.##
- MAG-Constrained Yield Cost Summary: Table 5.2.##

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CHAPTER 6:
Impacts of the RWP and Consistency with Protection of Water Resources, Agricultural Resources, and Natural Resources

CHAPTER 6

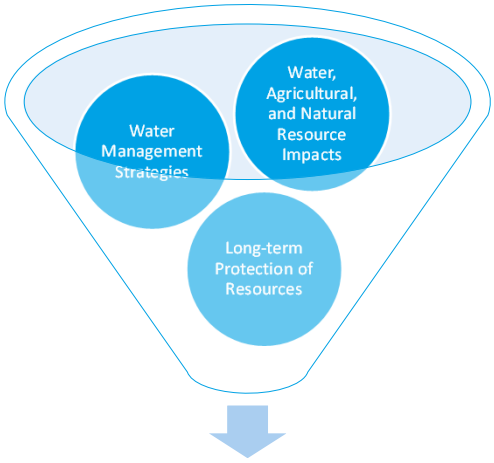
Includes the following information:

1. Cumulative Effects Model
2. Environmental Assessment
3. Impacts of WMS on Key Parameters of Water Quality
4. Impacts of Voluntary Redistribution of Water from Rural and Agricultural Areas
5. Effects on Navigation
6. Environmental Benefits and Concerns
7. Social and Economic Impacts of Not Meeting Projected Water Needs (Unmet Needs)

Black & Veatch 28

Chapter 6: Impacts of the RWP and Consistency with Protection of Resources

- For regions with streams designated by legislature as having "unique ecological value", a quantifiable evaluation must be conducted to evaluate the impacts of plan implementation on natural resources, including stream flows
- The cumulative effects of implementing the recommended WMSs are quantified through long-term simulation of natural hydrologic processes as they are affected by human influences



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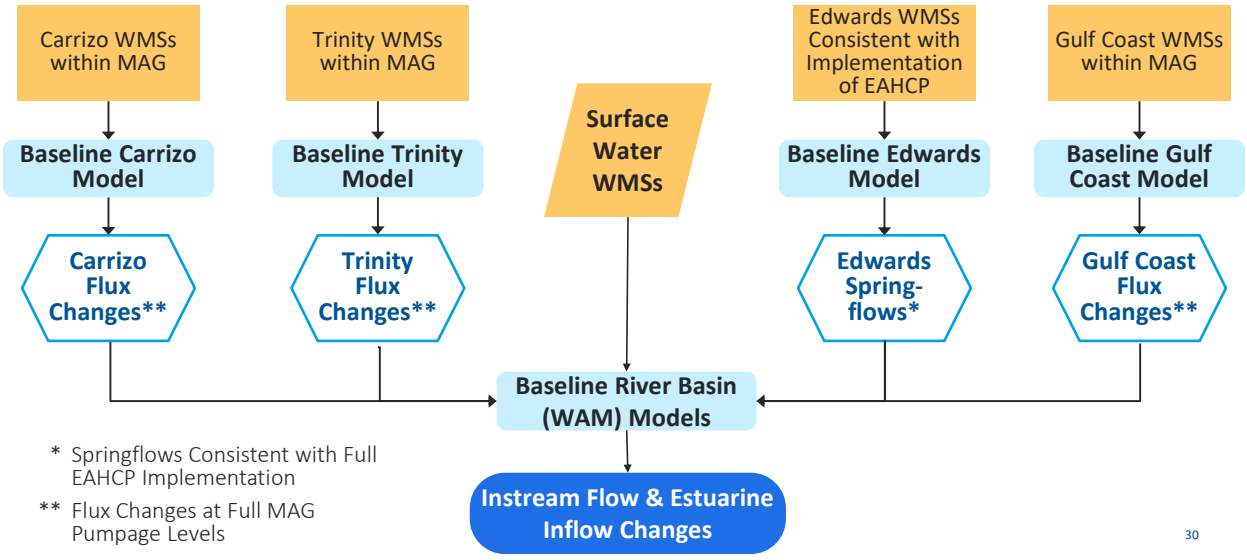
Chapter 6.1: Cumulative Effects of the RWP Implementation



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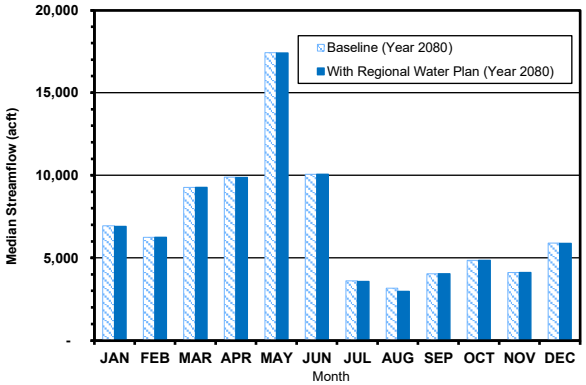
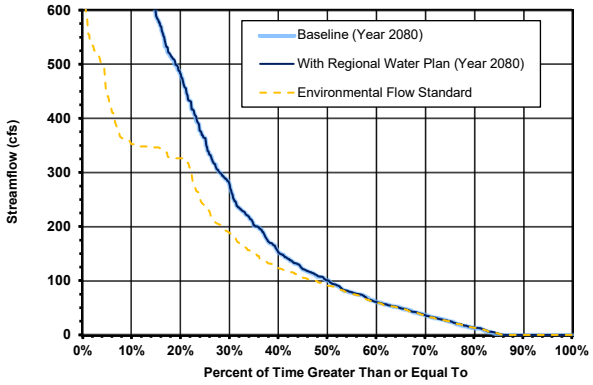
Chapter 6.1: Cumulative Effects of the RWP Implementation

1	Guadalupe River above Comal River at New Braunfels
2	San Marcos River at Luling
3	Guadalupe River at Victoria
4	San Antonio River near Falls City
5	San Antonio River at Goliad
6	Guadalupe River at Diversion Dam & Saltwater Barrier near Tivoli
7	Guadalupe Estuary

Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

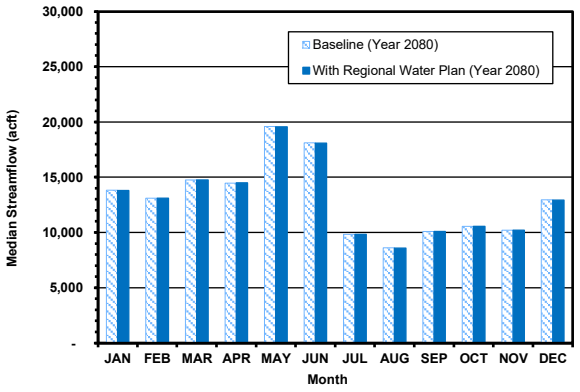
Map Point 1: Guadalupe River above Comal River at New Braunfels

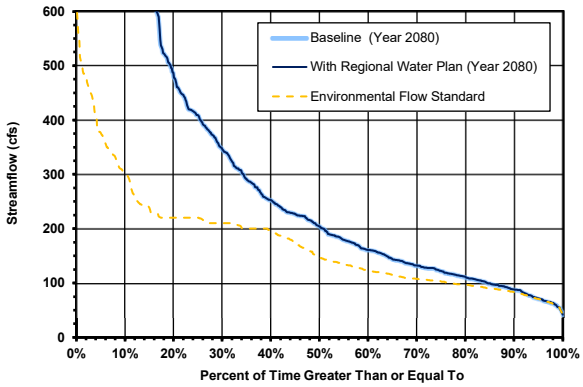




Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 2: San Marcos River at Luling





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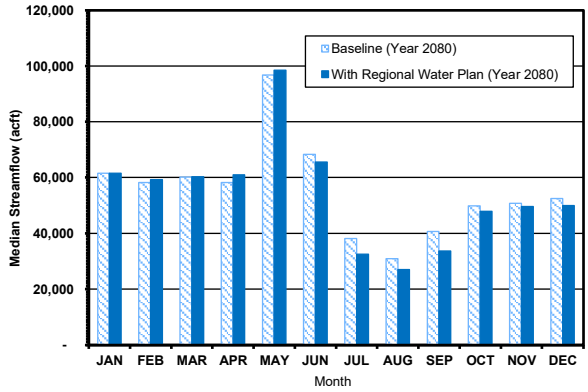
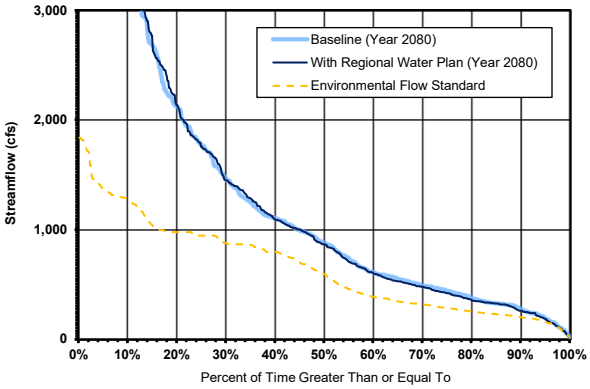
Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 3: Guadalupe River at Victoria





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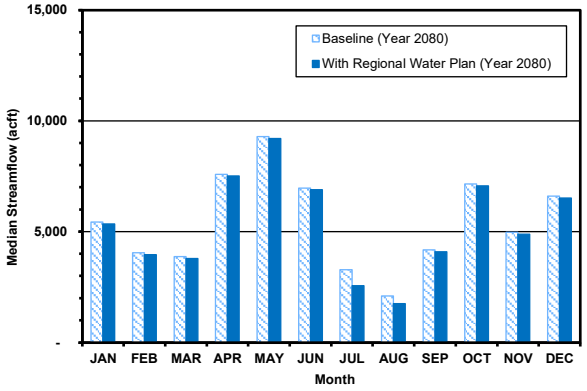
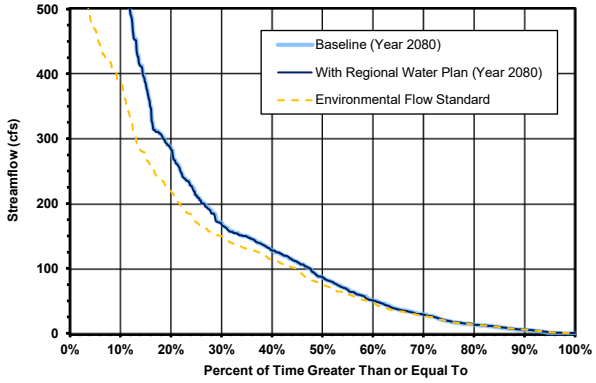
Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 4: San Antonio River near Falls City





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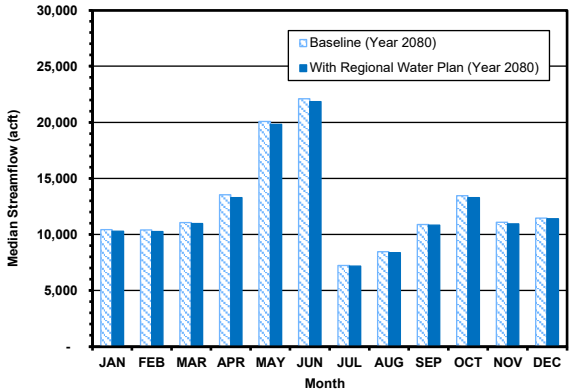
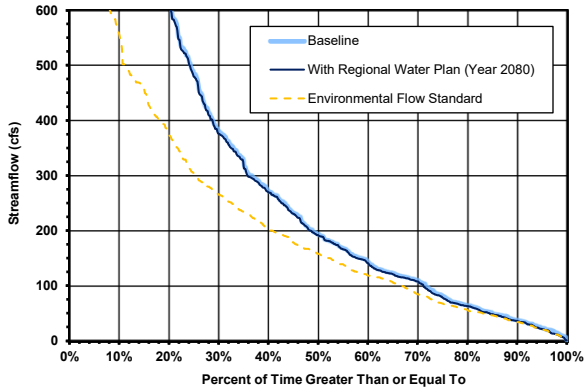
Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 5: San Antonio River at Goliad





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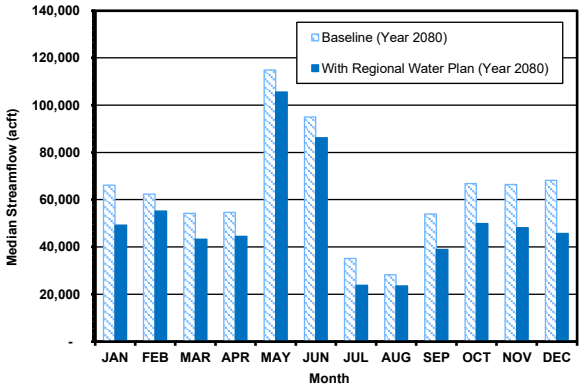
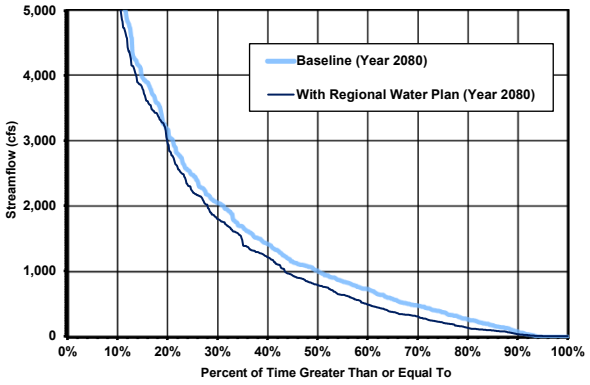
Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 6: Guadalupe River at Diversion Dam & Saltwater Barrier near Tivoli





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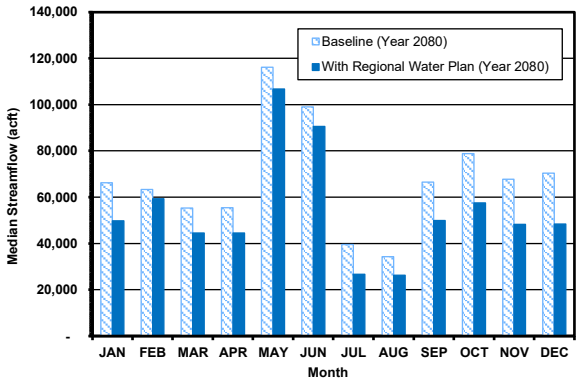
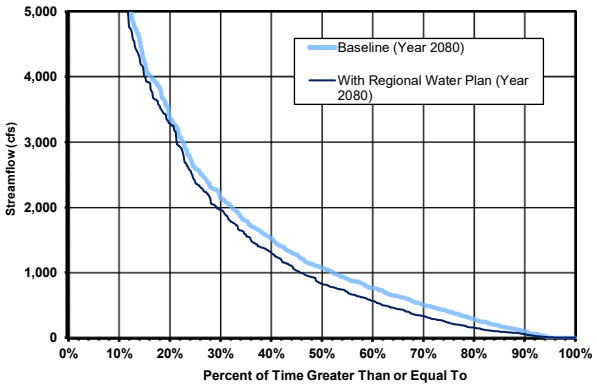
Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 7: Guadalupe Estuary





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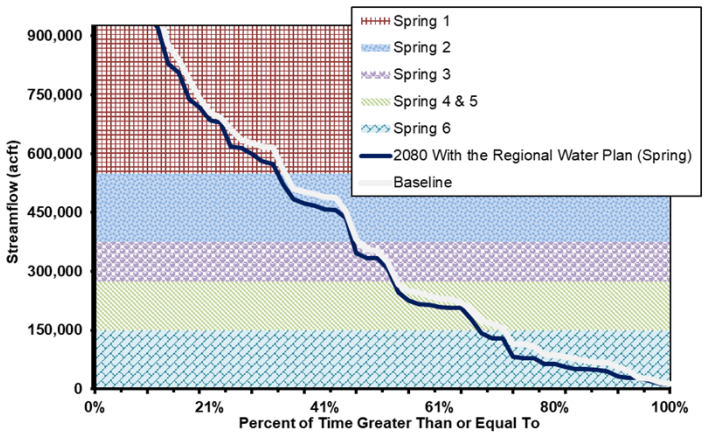
Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 7: Guadalupe Estuary - Spring



INFLOW REGIME	MODELED PERMITTING FREQUENCY CHANGE	GUADALUPE BAY SYSTEM FRESHWATER INFLOW STANDARD FOR SPRING
Spring 1	Δ = -0.2%	shall not be decreased by more than 5%
Spring 2	Δ = 0.3%	shall not be decreased by more than 5%
Spring 2 and 3	Δ = 0.7%	shall not be decreased by more than 5%
Spring 4 and 5	52.5% of total years with Plan	shall not be increased to more than 67% of the total years
Spring 6	Δ = 4.2%	shall not be increased by more than 8%

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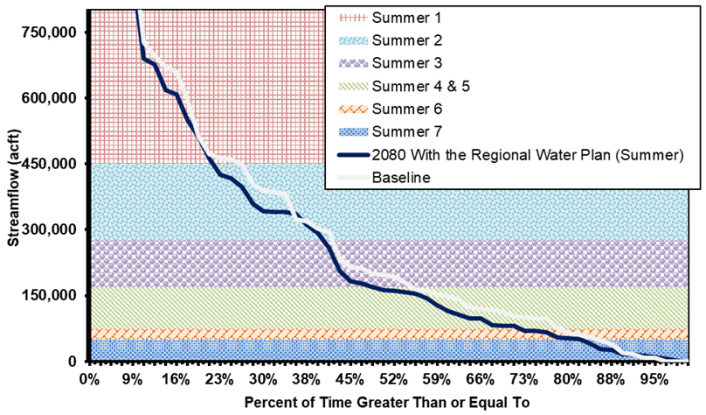
Chapter 6.1: Impacts on Instream Flow and Freshwater Inflow

Map Point 7: Guadalupe Estuary - Summer



INFLOW REGIME	MODELED PERMITTING FREQUENCY CHANGE	GUADALUPE BAY SYSTEM FRESHWATER INFLOW STANDARD FOR SUMMER
Summer 1	Δ = -4.1	shall not be decreased by more than 5%
Summer 2	Δ = 3.1%	shall not be decreased by more than 5%
Summer 1 and 2	Δ = -1.0%	shall not be decreased by more than 5%
Summer 4 and 5	0.0%	shall not be increased to more than 10%
Summer 7	Δ = 2.9%	shall not be increased by more than 8%

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Chapter 6.7: Social and Economic Impacts of Not Meeting Projected Water Needs

See Handout A

Summary of Unmet Needs

WUG Type	Unmet Needs (acft/yr)					
	2030	2040	2050	2060	2070	2080
Municipal	0	0	0	6,167	14,582	27,534
Irrigation	61,480	59,609	58,300	56,417	54,850	53,273
Livestock	0	0	0	0	0	0
Manufacturing	39,765	41,606	45,440	49,562	53,838	58,272
Mining	34,771	37,867	40,936	43,930	46,782	20,956
Steam-Electric Power	666	666	666	666	666	666
Total Unmet Needs	**136,682**	**139,748**	**145,342**	**156,742**	**170,718**	**160,701**

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Chapter 6.5: Social and Economic Impacts of Not Meeting Projected Water Needs

Summary of Unmet Needs: Municipal WUGs

- At the January 23, 2025, RWPG meeting, there were 19 municipal WUGs identified as having potential unmet needs; the majority have been resolved (see subsequent slide)
- Currently, there are 5 WUGs with unmet needs that are unlikely to be resolved in the 2026 Region L Regional Water Plan, including:

WUG	Unmet Municipal Needs (acft/yr)					
	2030	2040	2050	2060	2070	2080
Boerne	0	0	0	0	903	3,114
County-Other, Comal	0	0	0	5,148	8,200	11,876
County-Other, Guadalupe	0	0	0	116	271	441
County-Other, Hays	0	0	0	903	5,208	12,077
County-Other, Kendall	0	0	0	0	0	26
Total	**0**	**0**	**0**	**6,167**	**14,582**	**27,534**

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Chapter 6.5: Social and Economic Impacts of Not Meeting Projected Water Needs

Actions Taken to Resolve Draft Potential Unmet Needs Presented at Previous RWPG Meeting

No.	WUG	Resolution	No.	WUG	Resolution
1	Boerne	N/A - Unmet Needs	11	South Buda WCID 1	Entity Purchase
2	Canyon Lake Water Service (Texas Water Company)	Entity Purchase	12	Texas State University	Entity Purchase
3	Carrizo Hill WSC	Reallocated Supplies	13	The Oaks WSC	Entity Purchase
4	Clear Water Estates (Texas Water Company)	Additional Fresh GW Strategy	14	Wimberley WSC	Entity Purchase
5	Crystal Clear SUD	Entity Purchase	15	County-Other, Comal	N/A - Unmet Needs
6	Cuero	Reallocated Supplies	16	County-Other, Guadalupe	N/A - Unmet Needs
7	East Central SUD	Entity Purchase	17	County-Other, Hays	N/A - Unmet Needs
8	Elmendorf	Entity Purchase + New Fresh GW Strategy	18	County-Other, Kendall	N/A - Unmet Needs
9	Fort Sam Houston	Additional Edwards Transfers	19	County-Other, Victoria	New Fresh GW Strategy
10	Goforth SUD	Entity Purchase			

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Unmet Needs Justification - Requirements

The TWDB will consider approving a Regional Water Plan with unmet ***municipal*** needs, but they require justification that includes:

1. Documentation that all potentially feasible WMS were considered to meet the need, including drought management WMS;
2. Explanations as to why additional conservation and/or drought management WMS were not recommended to address the need;
3. Descriptions of how, in the event of a repeat of the drought of record, the WUG associated with the unmet need will ensure the public health, safety, and welfare in each planning decade with an unmet need; and,
4. Explanation as to whether there may be occasion, prior to the development of the next IPP, to amend the RWP to address all or a portion of the unmet municipal need.

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Unmet Needs Justification for Boerne (1 of 2)

Boerne is located in southeastern Kendall County and exhibits needs in the 2070 and 2080 decades. The SCTRWPG coordinated with Boerne to discuss population, water demands, existing supplies, and water management strategies, including discussions regarding potential additional strategies to address unmet needs. All potentially feasible strategies were considered to meet Boerne's needs, including municipal water conservation, municipal drought management, recycled water, rainwater harvesting, and water purchase from another entity. All of the potentially feasible strategies were ultimately included as Recommended strategies in the 2026 RWP; however, the volume of WMSs does not resolve the unmet needs beginning in 2070.

As discussed previously, municipal water conservation and drought management were both included as Recommended WMSs for Boerne in all decades of the planning horizon. The yields of the conservation and drought management WMSs (7,407 acft/yr) were developed using methodology selected by the SCTRWPG, as they reflect realistic and achievable goals. Boerne's 2030 GPCD (adjusted to include passive conservation savings) is 189 GPCD. After application of the Municipal Water Conservation WMS, their resulting GPCD in the 2080 decade would be 127 GPCD. Additional conservation efforts to address unmet needs may not be feasible. The Drought Management WMS applies a 10% reduction in outdoor residential landscape irrigation. Even applying a 30% reduction, which is the maximum value that can be applied using the TWDB's Drought Management Costing Tool, Boerne would still have unmet needs

→ *Continued on Next Slide* 45

Unmet Needs Justification for Boerne (2 of 2)

→ *Continued from Previous Slide*

Based on discussions with Boerne, they indicate that the 2026 RWP water demand projections exceed those of their internal planning data and that they will meet their needs. Because Boerne's planning information indicates that they have sufficient supplies to meet demands, they have elected to not include additional WMSs in the 2026 RWP. In case of a repeat of the drought of record, Boerne responded that they will impose additional drought restrictions to meet public health, safety, and welfare needs during each planning decade with unmet needs. Should Boerne provide new project information, the RWP may be amended to address unmet municipal needs before adoption of the next Initially Prepared Plan (IPP), anticipated to be in 2030.

→ *Continued on Next Slide* 46

Unmet Needs Justification for County-Other (1 of 2)

Water demands for County-Other, ___ are projected to increase by ___% between 2030 and 2080.

County-other WUGs are rural communities and water systems that fall below the municipal WUG thresholds (utilities less than 100 acft/yr annual retail sales or rural areas not served by a utility). All potentially feasible strategies were considered to meet the WUG's needs, including municipal water conservation, municipal drought management, rainwater harvesting, fresh groundwater development, and water purchase from another entity. All of the potentially feasible strategies, except municipal drought management, were ultimately included as Recommended strategies in the 2026 RWP; however, the volume of WMSs does not resolve the unmet needs beginning in 2060. Due to the decentralized nature of County-Other WUGs and the reduced ability to create and enforce restrictions on outdoor residential landscape irrigation, municipal drought management WMS was considered but not recommended to meet needs.

As discussed previously, municipal water conservation was included as a Recommended WMS for County-Other, ____ in all decades of the planning horizon. The yields of the conservation WMS were developed using methodology selected by the SCTRWPG, as they reflect realistic and achievable goals. Additional conservation and/or drought management WMSs were not recommended because it would be infeasible to develop aggressive conservation programs to meet all of the unmet needs for the County-Other WUG because it is composed of primarily rural, dispersed, or small utilities.

→ *Continued on Next Slide* 47

Unmet Needs Justification for County-Other (2 of 2)

→ *Continued from Previous Slide*

Additional WMSs were not included in the 2026 RWP for County-Other, ____ because remaining MAG availability from existing supply sources is not sufficient to meet demands between 2060 and 2080. Furthermore, it may be cost-prohibitive to develop large-scale strategies that could resolve or meet unmet needs for County-Other because of its dispersed nature. Meeting public health, safety, and welfare needs during a repeat of the drought of record may include implementing new or existing emergency interconnects with other water providers or purchasing hauled water via trucked water systems.

Should small water providers or other entities provide new project information, the RWP may be amended to address unmet municipal needs before adoption of the next Initially Prepared Plan (IPP), anticipated to be in 2030.

→ *Continued on Next Slide* 48

Chapter 6 – Updates to Chapter

- Will update the unmet needs justification
- May need to update unmet needs volumes slightly for consistency with DB27
- Will update the environmental narrative to be consistent with the tables and scores

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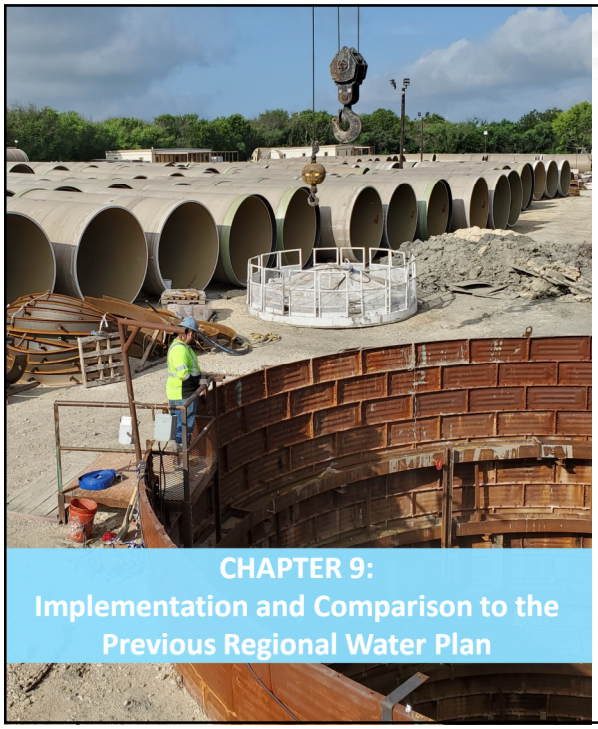

CHAPTER 9

Includes the following information:

1. Implementation of Previous Water Plan (summary of results of Implementation Survey)
2. RWPA's progress in achieving economies of scale
3. Comparison to previous regional water plan
    1. Water demand projections;
    2. Drought(s) of record and the hydrologic and modeling assumption(s) on which the 2026 plan is based;
    3. Source water availabilities;
    4. Existing water supplies of WUGs and WWPs;
    5. Identified water needs for WUGs and WWPs;
    6. Recommended and alternative WMSs and WMSPs; and
    7. Any other aspects of the 2026 plan that the RWPG chooses to compare.

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Implementation Survey

The TWDB will provide region specific surveys in an Excel workbook. The survey will consist of the following five (5) questions:

1. Has the sponsor taken affirmative vote or actions? (TWC 16.053(h)(10))
2. What is the status of the WMS project or WMS recommended in the 2022 SWP?
3. If project has not been started or no longer being pursued, please tell us why.
4. Please select one or more project impediments. If an impediment is not listed, provide information in the "Other" text field.
5. What funding types are being used for the project.

All survey questions except item 3 will have pre-defined answers that the RWPG will select from.

RWPGs must include a copy of the final survey results in the final adopted RWP. Results collected to date must also be included in the IPP.

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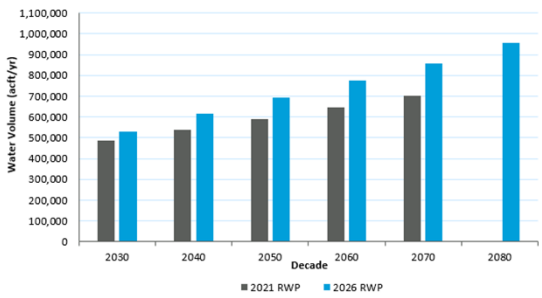
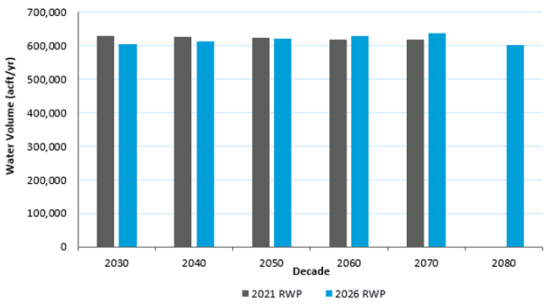
Water Demand Projections Comparison of 2026 and 2021 RWPs

Municipal Demand Projections



Non-Municipal Demand Projections



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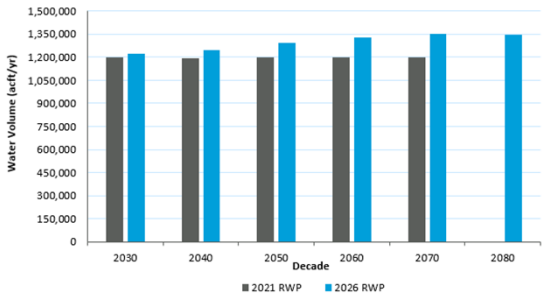
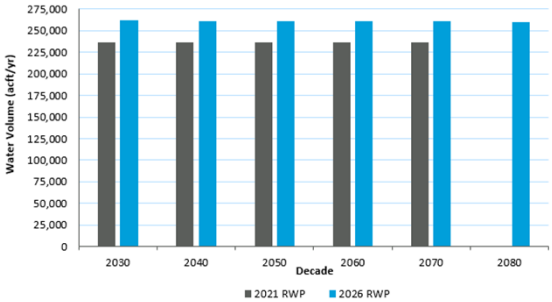
Water Availability
Comparison of 2026 and 2021 RWPs

Groundwater Availability



Surface Water Availability



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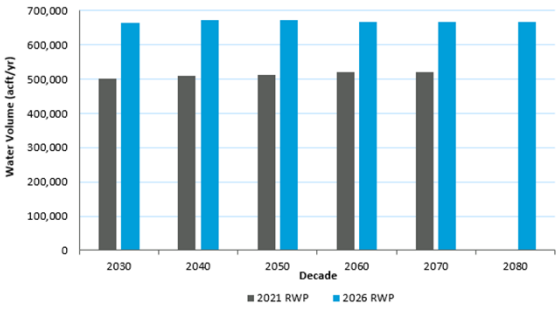
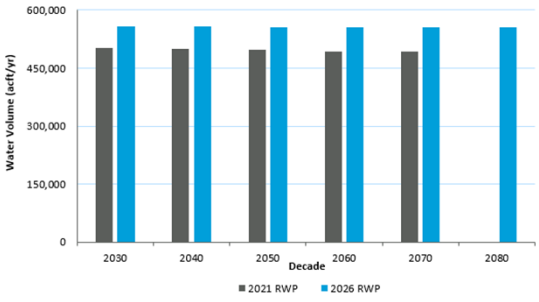
Water Supplies
Comparison of 2026 and 2021 RWPs

Municipal Water Supplies



Non-Municipal Water Supplies



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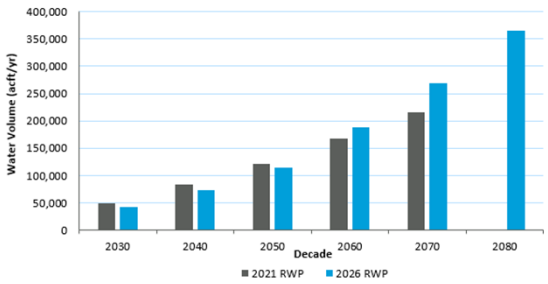
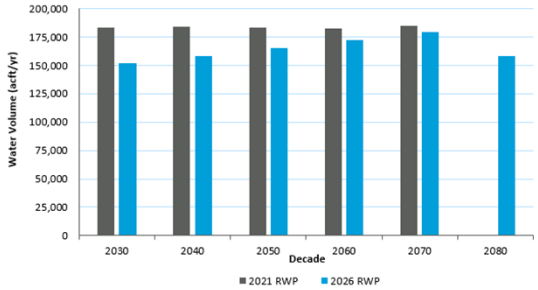
Water Needs
Comparison of 2026 and 2021 RWPs

Municipal Water Needs



Non-Municipal Water Needs



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Water Management Strategies and
Assessment of Progress Towards Regionalization
Comparison of 2026 and 2021 RWPs

- The number of water management strategies serving more than one WUG:

2026 RWP	2021 RWP
17 WMS	**19** WMS

Since adoption of the 2021 RWP,
3 of the 19 WMS identified as serving more than one entity have been implemented

- Cooperation and collaboration among WUGs is encouraged for the purpose of achieving economies of scale. For example, ARWA, CVLGC, and SSLGC are WWPs and partnerships of one or more utilities that share water supplies and costs of infrastructure development
- The EAA HCP is an example of local partnerships and coordination which provide overall benefit to the springs systems and the species that inhabit those springs.

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CHAPTER 10:
Adoption of Plan and Public Participation

CHAPTER 10

Includes the following information:

1. SCTRWPG Guiding Principles
2. Interregional Coordination
3. Public Participation
    1. Workgroups
    2. Coordination with Water User Groups and Wholesale Water Providers
    3. Rural Outreach
4. Initially Prepared Plan Adoption
5. Final Plan Adoption

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Interregional Coordination Efforts

- Coordination with Region P was required for existing water supplies and potential water management strategy supplies provided by the Lavaca-Navidad River Authority.
- Coordination with K was required for existing water supplies from Canyon Lake, as well as for other shared entities in Hays and Caldwell counties.
- To the extent necessary, coordination with each of these regions was accomplished through chair correspondence, regional water planning group (RWPG) liaisons, and/or technical consultant collaboration.
- The 2026 SCTRWP includes two recommended WMSs – ARWA Phase 2 and ARWA Phase 3 – that allocate yield to Buda in Hays County in Region K.

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RWPG Meetings & Workgroups

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Coordination with WUGs and WWPs

Outreach efforts included the following:

- Contact survey;
- Overview of regional water planning webinar;
- Population and demands survey;
- Survey to identify infeasible projects from the 2021 RWP;
- Supplies and strategy survey;
- Emails to solicit new WMSs;
- Water management strategy project implementation surveys;
- Request for updated Drought Contingency Plans;
- Rural outreach letters; and
- Personalized emails to WUGs and WWPs regarding needs, supplies, and the development of individualized strategies.

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Rural Outreach

- The Rural and Community Outreach Workgroup held four meetings in 2023 and 2024 to discuss water management strategies to benefit rural communities and entities.
- In March 2024, TWDB identified and compiled a list of 122 entities within the planning area that meet the rural political subdivision definition in accordance with Texas Water Code 15.001(14).
  - 84 of these entities are also WUGs
  - In May 2024, the SCTRWPG sent letters to these rural entities providing general information regarding Regional and State Water Planning and how to engage with the planning process.
  - The letter also included TWDB resources providing key water supply planning information for the recipient's county.

AGENDA ITEM NO.8 – CONSIDERATION AND APPROVAL REGARDING THE INITIALLY PREPARED PLAN (IPP) FOR THE 2026 SOUTH CENTRAL TEXAS (REGION L) REGIONAL WATER PLAN

A. CONSIDERATION AND APPROPRIATE ACTION TO ADOPT THE IPP AND AUTHORIZE THE TECHNICAL CONSULTANT TO ADDRESS DB27 UPDATES, NON-SUBSTANTIVE REVISIONS, AND PLANNING GROUP CHANGES PRIOR TO IPP SUBMITTAL

B. CONSIDERATION AND APPROPRIATE ACTION TO AUTHORIZE THE TECHNICAL CONSULTANT TO SUBMIT THE IPP PACKAGE TO THE TEXAS WATER DEVELOPMENT BOARD ON BEHALF OF THE SOUTH-CENTRAL TEXAS (REGION L) REGIONAL WATER PLANNING GROUP BY MARCH 3, 2025

C. DISCUSSION AND APPROPRIATE ACTION TO AUTHORIZE THE SAN ANTONIO RIVER AUTHORITY TO POST PUBLIC NOTICE(S) AND HOLD PUBLIC HEARING(S) ON THE IPP

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Agenda Item 8: Consideration and Approval Regarding the Initially Prepared Plan (IPP) for the 2026 South Central Texas (Region L) Regional Water Plan

Next Steps: Before Public Hearing(s)

- Adopt the Initially Prepared Plan
- Make any additional needed non-substantive edits to draft plan
- DB27 Updates:
  - Complete data entry of WMSs in DB27
  - Complete data checks in DB27
- Prepare deliverables package for TWDB
- Submit IPP deliverables package to TWDB by March 3, 2025
- Prepare for public hearing to present Initially Prepared Plan and receive public comments

Next Steps: After Public Hearing(s)

- Receive comments from the public, agencies, and TWDB
- Compile comments and prepare draft proposed responses to comments
- August RWPG Meeting: Present summary of comments and initial, proposed responses
- Make needed edits to plan to respond to comments
- October RWPG Meeting:
  - Present any updates to plan and responses to comments
  - Adopt Final Plan
- Submit Final Plan to TWDB by October 20, 2025

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Public Hearing(s)

Requirement:

- At a minimum, hold one In-Person, Public Hearing to Present the IPP and Receive Public Comment & Testimony
- Publish Public Notice of IPP and Public Hearing Information

2016 Plans and Prior	2021 Plan

• 3 Public Hearings, In-person
• Meetings held in:
  • San Marcos;
  • San Antonio; and
  • Victoria.
	• 3 Public Hearings, Virtually
	• Initial plan was to have 3 in-person public hearings but they were changed to all virtual meetings because of COVID restrictions

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Initially Prepared Plan (IPP) Public Hearing(s)

- At a Minimum:
  - Public Hearing (in-person and virtual)
  - Recording and Materials Available on RegionLTexas.org Website
- Possible Additional Efforts:
  - Public, In-Person Meeting
  - Informal, In-Person and Virtual Meeting
  - Virtual Webinars
  - Make presentation recording available on homepage of RegionLTexas.org

Direction Requested

How does the SCTRWPG choose to proceed with public hearing(s) and outreach for this cycle's Initially Prepared Plan?

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Consideration and Appropriate Action to:

- Adopt the IPP and Authorize the Technical Consultant to Address DB27 Updates, Non-substantive Revisions, and Planning Group Changes Prior to IPP Submittal
- Authorize the Technical Consultant to Submit the IPP Package to the Texas Water Development Board on Behalf of the South Central Texas (Region L) Regional Water Planning Group by March 3, 2025
- Authorize the San Antonio River Authority to Post Public Notice(s) and Hold Public Hearing(s) on the IPP

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Supplemental Information:

Guiding Principles of the South Central Texas Regional Water Planning Group (SCTRWPG)

Guiding Principles

- Initially established during the 2021 Regional Water Planning Cycle
- Updated during this (2026) cycle
- Includes three (3) Guiding Principles related to WMSs:
  - PRINCIPLE VII: Minimum Standards for Water Management Strategies
  - PRINCIPLE VIII: Recommended Water Management Strategies
  - PRINCIPLE IX: Management Supply

South Central Texas Regional Water Planning Group

Bylaws and Guiding Principles[1]

Region L
South Central Texas Regional Water Planning Group

[1]These Bylaws and Guiding Principles are current as of February 17, 2022

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Region L Guiding Principles

In 2015, the SCTRWPG began the 2021 Plan Enhancement Process to improve and clarify the principles that guide SCTRWPG decisions. They established 11 SCTRWPG Guiding Principles:

1. Appropriateness and adequacy of how demand and need are determined
2. Role of Regional Water Planning Groups in influencing population growth and land use
3. Conflicts of interests with respect to planning group members
4. The role of the planning group in influencing water development plans of water suppliers
5. The role of the planning group in influencing permitting entities
6. The adequacy of evaluating the plan's effects on freshwater inflows to San Antonio Bay, and the adequacy of environmental assessments of individual water management strategies (WMSs)
7. Minimum Standards for WMSs
8. Recommended WMSs
9. Management Supply
10. The role of reuse within the Regional Water Plan
11. Identifying special studies or evaluations deemed important to enhance the 2021 plan, the identification of outside funding sources, and the extent to which innovative strategies should be used.

Guiding Principles are included as Supplemental Information in the Agenda Packet

PRINCIPLE I

Appropriateness and Adequacy of How Demand and Need are Determined

The SCTRWPG generally defers to the TWDB on matters related to population and water demand projections. However, the SCTRWPG retains the duty to review TWDB projections on a case by case basis. Where the SCTRWPG finds a discrepancy in TWDB's projections, and can adequately justify its findings by verifying one or more of the "criteria for adjustment," TWDB – in consultation with TDA, TCEQ, and TPWD – may adjust population and/or water demand projections accordingly (see *generally General Guidelines for Development of the 2026 Regional Water Plan*). Consistent with Chapter 8 of the 2021 Regional Water Plan for Region L, the SCTRWPG supports greater TWDB flexibility through relaxation of current methodological assumptions holding regional and state population projection totals fixed (see Chapter 8.9.3 *Population and Water Demand Projections)*. Water demand projections used in developing the Regional Water Plan should be consensus figures arrived at by using TWDB data along with local input from the cities, counties, and groundwater districts.

PRINCIPLE II

Role of Regional Water Planning Groups in Influencing Population Growth and Land Use

Where the concepts of population growth and land use necessarily interrelate with the Regional Water Plan, the SCTRWPG shall, to the greatest extent possible, develop strategies to meet future projected demands. However, it is neither the role, nor the responsibility of the SCTRWPG to influence population growth or land use. While the SCTRWPG has a duty to remain cognizant of the sensitive relationship between the Regional Water Plan, population growth and land use, decisions concerning permitting and influencing population growth are inherently local, and remain wholly independent from the regional water planning process.

PRINCIPLE III

Conflicts of Interests with Respect to Planning Group Members

a) Active Planning Group Members

All disclosures pursuant to Article V, Section 6 of the SCTRWPG Bylaws, are the responsibility of the planning group member or designated alternate who has the potential conflict of interest. Therefore, disclosures are the responsibility of the planning group member or designated alternate. If the voting member choses to abstain from participation in deliberations, decisions, or voting, pursuant to Article V, Section 6 of the SCTRWPG Bylaws, the reason for abstention shall be noted in the minutes.

b) Nomination Process

Where the SCTRWPG is soliciting nominations to fill vacancies on the planning group, nominators shall provide information regarding the nominee's current employer, and provide a description of the nominee's experience that qualifies him/her for the position in the interest group being sought to represent.

Additionally, nominees shall agree to abide by the Code of Conduct, which is incorporated in the SCTRWPG Bylaws (see SCTRWPG Bylaws, Article V, Section 6). As per the Bylaws, the Executive Committee will conduct an interview process whereby nominees will be evaluated. Prior to the interview, nominees will be provided a copy of the Bylaws. During the interview process, nominees will be asked if they are willing to agree to the Bylaws, and specifically, if they are willing to comply with the Code of Conduct.

PRINCIPLE IV

Role of the Planning Group in Influencing Water Development Plans of Water Suppliers

The role of the SCTRWPG is to ensure water needs are met with identified potentially feasible water management strategies. It is not the role of the SCTRWPG to influence or interfere with local water planning decisions. In the absence of a planning group recommended potentially feasible water management strategy to meet an identified need, the SCTRWPG may evaluate and report, as required, the social, environmental and economic impacts of not meeting the identified need.

PRINCIPLE V

Role of the Planning Group in Influencing Permitting Entities

Decisions made at the planning group level are non-regulatory, and are intended for planning purposes only. While some decisions made by the SCTRWPG could inevitably affect some decisions made by the governing boards of permitting entities, it is neither the responsibility, nor the role of the SCTRWPG to influence or interfere with the regulatory decisions made by the governing boards of permitting entities.

PRINCIPLE VI

Adequacy of Evaluating the Plan's Effects on Freshwater Inflows to San Antonio Bay, and the Adequacy of Environmental Assessments of Individual Water Management Strategies

The SCTRWPG's evaluation of the Plan's effect on instream flows and freshwater inflows to the San Antonio Bay, and Plan's environmental assessments of individual water management strategies are currently meeting the regulations and statutes for regional water planning. The SCTRWPG believes a structural reorganization of the data presented will benefit the understanding of the Plan's environmental assessments. The SCTRWPG will:

a) Initiate environmental assessments earlier into the regional planning process;
b) Eliminate environmental assessment comparisons of current plan to past plans;
c) Consolidate threatened and endangered species information into the appendix rather than repeating in each water management strategy write-up;
d) Update baseline year data to most current for potential impacts to vegetation and terrestrial habitat;
e) Adjust distances for cultural resource sites;
f) Include current conditions and streamflow protected by environmental flow standards in updated tabular form improving the way in which the data is presented;
g) Include target flow regimes based on environmental freshwater inflow standards in updated tabular form improving the way in which the data is presented; and
h) Include high level narrative of climate variability.

The SCTRWPG believes this environmental assessment structural reorganization will reflect realistic environmental impacts of the recommended water management strategies for both the public and planning group members.

PRINCIPLE VII

Minimum Standards for Water Management Strategies

For a proposed strategy to be designated by the SCTRWPG as a water management strategy in the regional water plan, the proposed strategy must:

- supply water, reduce water demands, or otherwise satisfy one or more identified needs;
- include an evaluation and description consistent with standards used by the SCTRWPG and its technical consultants as required by TWDB Rules;
- satisfy all relevant requirements established by the TWDB, including environmental flow standards;
- identify one or more entities, with sufficient ability and willingness to implement the strategy, as being the strategy's sponsor(s);
- identify all entities, as reasonably possible, who own any existing or planned infrastructure or existing permit that could be affected by the proposed strategy as being strategy participants; and
- identify groundwater conservation districts or TCEQ with jurisdiction over the proposed strategy.

PRINCIPLE VIII

Recommended Water Management Strategies

The SCTRWPG strives to develop a regional water plan that recommends water management strategies sufficient to supply water to all identified needs projected in the planning horizon for the region.

The SCTRWPG prefers designating water management strategies as recommended or alternative using a consensus approach while respecting the strategy sponsor(s)' wishes.

Prior to designating any water management strategies as recommended, the SCTRWPG will review the water management strategies to evaluate costs and environmental sensitivity of each water management strategy per TWDB Rules.

PRINCIPLE IX

Management Supply

The cumulative supply of the recommended water management strategies may include an amount of supply in excess of the amount needed to meet regional needs as considered necessary by the SCTRWPG to allow for such things as uncertainty associated with long-term planning, problems with project implementation, changing weather conditions, flexibility of sponsors in choosing projects to implement, and changes in project viability.

Identified Needs without a Recommended Water Management Strategy

For water needs that are not satisfied by recommended water management strategies, the SCTRWPG will provide a narrative explaining why the need is not satisfied.

Alternative Strategies in the Regional Water Plan

The SCTRWPG will include alternative water management strategies that sponsors wish to have identified as alternatives to one or more of their recommended water management strategies.

Conceptual Approaches (Water Management Strategies Needing Further Study) in the Regional Water Plan

The SCTRWPG will acknowledge conceptual and innovative approaches to developing water supplies, reducing water demand, and increasing efficiency of supplying water as may be proposed by others, but need further study.

PRINCIPLE X

Role of Reuse Within the Regional Water Plan

The SCTRWPG generally defers to the TWDB rules for regional water planning as contained in the TAC on matters related to surface water supply analysis. For surface water supply analysis, the SCTRWPG will use the most current Water Availability Models from the TCEQ to evaluate supplies, as required by section 357.32 (c) of the TAC. As per section 357.32 of the TAC, the SCTRWPG will assume full utilization of existing water rights and no return flows when using Water Availability Models.

The SCTRWPG agrees that effluent will be depicted in the Regional Water Plan only in cases of direct and/ or indirect reuse water management strategies, or where a preexisting contract for the supply of reuse is in place. Additionally, the SCTRWPG will not use effluent in the estimates of cumulative effects absent a direct and/or indirect reuse water management strategy or a preexisting contract

PRINCIPLE XI

Identifying Special Studies or Evaluations Deemed Important to Enhance the 2026 Plan, the Identification of Outside Funding Sources, and the Extent to Which Innovative Strategies Should Be Used

The SCTRWPG recognizes that there are no identifiable outside funding sources for special studies or evaluations. However, the SCTRWPG remains willing to consider evaluating any proposed water management strategies and special studies allowable under section 357.34 of the TAC.

South Central Texas (Region L) Regional Water Planning Group
February 20, 2025, Meeting
HANDOUT A: Unmet Needs

No.	Water User Group	WUG Type	Unmet Needs (acft/yyr)					
			2030	2040	2050	2060	2070	2080
1	Boerne	Municipal	0	0	0	0	903	3,114
2	County-Other, Comal	Municipal	0	0	0	5,148	8,200	11,876
3	County-Other, Guadalupe	Municipal	0	0	0	116	271	441
4	County-Other, Hays	Municipal	0	0	0	903	5,208	12,077
5	County-Other, Kendall	Municipal	0	0	0	0	0	26
6	Irrigation, Calhoun	Irrigation	8,030	7,952	7,873	7,793	7,722	7,649
7	Irrigation, Dimmit	Irrigation	4,062	4,011	3,959	3,907	3,863	3,820
8	Irrigation, Karnes	Irrigation	88	77	625	613	603	596
9	Irrigation, Medina	Irrigation	22,560	21,978	21,403	20,814	20,330	19,833
10	Irrigation, Uvalde	Irrigation	17,575	16,894	16,212	15,531	14,971	14,410
11	Irrigation, Zavala	Irrigation	9,165	8,697	8,228	7,759	7,361	6,965
12	Manufacturing, Bexar	Manufacturing	16	338	673	1,020	1,381	1,755
13	Manufacturing, Caldwell	Manufacturing	9	10	11	12	13	14
14	Manufacturing, Calhoun	Manufacturing	0	28	1,981	4,153	6,405	8,741
15	Manufacturing, Kendall	Manufacturing	43	45	47	49	51	53
16	Manufacturing, Victoria	Manufacturing	38,960	40,419	41,932	43,501	45,128	46,815
17	Manufacturing, Wilson	Manufacturing	5	7	9	11	14	17
18	Manufacturing, Zavala	Manufacturing	732	759	787	816	846	877
19	Mining, Atascosa	Mining	3,300	3,613	3,919	4,208	4,478	0
20	Mining, Comal	Mining	2,967	5,084	7,218	9,340	11,386	13,268
21	Mining, Dimmit	Mining	5,451	5,451	5,451	5,451	5,451	0
22	Mining, Frio	Mining	4,034	4,035	4,035	4,036	4,036	0
23	Mining, Gonzales	Mining	3,631	3,664	3,702	3,740	3,779	0
24	Mining, Guadalupe	Mining	428	428	428	428	428	0
25	Mining, Karnes	Mining	1,440	1,440	1,440	1,440	1,440	0
26	Mining, La Salle	Mining	4,867	4,867	4,867	4,867	4,867	0
27	Mining, Medina	Mining	3,042	3,436	3,783	4,098	4,375	4,604
28	Mining, Uvalde	Mining	1,609	1,828	2,055	2,271	2,479	2,676
29	Mining, Victoria	Mining	338	357	374	387	399	408
30	Mining, Zavala	Mining	3,664	3,664	3,664	3,664	3,664	0
31	Steam-Electric Power, Victoria	Steam-Electric Power	666	666	666	666	666	666
	Total Unmet Needs	**All**	**136,682**	**139,748**	**145,342**	**156,742**	**170,718**	**160,701**