

Region F Regional Water Planning Group Meeting

Updates from the Texas Water Development Board

May 23, 2024, Big Spring TX

Upcoming TWDB Items



- **Water Use Survey** was due March 1, 2024.
Required to be eligible for TWDB funds.
- **Water Conservation Plans, Annual Reports,**
and **Water Loss Audits** were due May 1, 2024.
- Chair's Call on May 10, 2024
- **Texas Water Service Boundary Viewer** open for editing
until July 1, 2024
- **[Texas Rain Catcher Award](#)** - TWDB accepting applications
through June 30.

Draft 2024 State Flood Plan is now open for Public Comment

- The TWDB will receive comments June 17th
 - **Submit written comments online [HERE](https://forms.office.com/r/c47aSBSuLa):**
(<https://forms.office.com/r/c47aSBSuLa>)
- **Public meeting** will be held at 10am on May 30th, in Austin TX (virtual option available)
- More info can be found on the [State Flood Planning webpage](#).
- After considering public comments, the Board will consider adopting the 2024 State Flood Plan their August 2024 meeting.



INTERREGIONAL PLANNING COUNCIL



2024

REPORT TO THE TEXAS WATER DEVELOPMENT BOARD



Interregional Planning Council Report to TWDB

Council adopted their final report on February 8, 2024.

Recommendations address three statutory charges:

1. Improve coordination among the regional water planning groups, and between each regional water planning group and the Board, in meeting the goals of the state water planning process and the water needs of the state as a whole;
2. Facilitate dialogue regarding water management strategies that could affect multiple regional water planning areas; and
3. Share best practices regarding operation of the regional water planning process.

Interregional Planning Council Report to TWDB

Council recommendations to the Legislature:

1. Appropriate additional funds to the planning process to
 - support RWPGs' task to identify and facilitate interregional coordination;
 - accommodate tasks associated with long-range, visionary planning;
 - fund better methods of disseminating information for the regional water planning process; and
 - accommodate labor costs for administering RWPGs
2. Provide financial incentives for local sponsorship of innovative, visionary, multi-benefit projects
3. Provide initial sponsorship of projects by the State without guarantees from local sponsors
4. Establish a coordination process amongst state agencies for installation of infrastructure during planning and construction of large-scale projects.
5. Strike simplified planning from the statute
6. Authorize the use of one-way conferencing or webinars



Interregional Planning Council Report to TWDB

Council recommendations to the Texas Water Development Board:

1. Develop protocols to include annual discussions to evaluate and document best practices for regional water planning in Chairs' conference calls.

Council recommendations to Future Interregional Planning Councils:

1. Monitor the effectiveness of efforts to promote interregional coordination and review how best to utilize interregional liaisons in the development or use of shared water resources;
2. Utilize state agencies' expertise to assist regions in developing a vision of planning resources for the state as a whole;
3. Consider holding work sessions as needed to “deep dive” into more complicated topics;
4. Review materials and meeting notes from the TWDB's “lessons learned” technical meetings with RWPG consultants; and
5. Review progress on all recommendations in the 2027 SWP Council's report and submit its assessment to the TWDB.



Interregional Planning Council Report to TWDB

Council included several observations on topics not related to its statutory charge:

1. Water loss
2. Unaccounted water use
3. Long-range and visionary planning

The final report is available online at:

<http://www.twdb.texas.gov/waterplanning/rwp/ipc>



Conservation Resource Guide for Development of the 2026 Regional Water Plans

This document outlines conservation resources that are available to support regional water planning group (RWPG) development of conservation water use reduction strategies, water loss mitigation strategies, and the conservation subchapter of the 2026 Regional Water Plans (RWP). Information is provided on how to access resources and how they can be used to support RWP development. Available data reported to the Texas Water Development Board (TWDB) by utilities through water use surveys, water loss audits, water conservation plans, and water conservation plan annual reports are summarized in Table 1.

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Resources for RWPGs

The *Conservation Resources Guide for Development of the 2026 Regional Water Plans* details resources available for RWPGs, including

1. Data Reported to TWDB
2. TWDB Conservation Information Dashboard for Water Supply Planning
3. Best Management Practices
4. WCAC Suggestions to RWPGs
5. Example Water Loss Strategies from 2021 RWPs
6. Water Loss Performance Indicators
7. Resources for GPCD Goal Setting

Conservation Resource Guide for Development of the 2026 Regional Water Plans

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Data Reported to TWDB

Report	Statute/Rule Reference	Required for	Frequency	Next Due Date	Data Available
Water Use Survey	TWC 16.012(m) 31 TAC §358.5	Public water systems, manufacturers, mining facilities, and electric power generating plants	Annually	3/1/25	Fall of following year
Water Loss Audit	TWC 16.0121 31 TAC §358.6	Utilities with >3,300 connections or a financial obligation to the TWDB	Annually	5/1/24	Fall of following year
		Utilities with <3,300 connections and no financial obligation to the TWDB	Every 5 years	5/1/26	Fall of following year
Water Conservation Plan	31 TAC §363.15	Entities with 3,300 connections or more, loans greater than \$500,000 from the TWDB, or a TCEQ surface water right	Every 5 years	5/1/24	By due date; Copies submitted to RWPG sponsors
Water Conservation Plan Annual Report	31 TAC §363.15(g)	All entities with a Water Conservation Plan	Annually	5/1/24	Fall of following year

Data Reported to TWDB

Report	Data Reported	Examples of How RWPGs Can Use This Data
Water Use Survey	<ul style="list-style-type: none"> • Monthly volumes of water intake sources • Percentage treated • Annual volumes of water sold • Retail population • Number of retail service connections • Distribution, connection count, and volume sold by customer classification 	<ul style="list-style-type: none"> • Analyze recent trends in water use • Indicate or correct suspect water use for future accuracy of demand projections
Water Loss Audit	<ul style="list-style-type: none"> • Water utility information • System input volumes by source • Population and connections served • Length of main lines • Volume of water treated for distribution • Meter accuracy • Volume of authorized consumption • Volume of water lost due to breaks and leaks • Retail price of water • Variable production cost of water • Assessment validation for audit components 	<ul style="list-style-type: none"> • Review water loss audit data including regional water loss balance reports • Describe water loss audit information for the region in Chapter 1 of the RWP • Analyze water loss trends and consider strategies to address issues • Compare reported real and/or apparent water loss to performance indicators when evaluating water loss mitigation strategies • Use reported number of connections in meter replacement estimates • Use reported length of main lines in line replacement estimates

Data Reported to TWDB

Report	Data Reported	Examples of How RWPGs Can Use This Data
<p>Water Conservation Plan</p>	<ul style="list-style-type: none"> • Utility profile • 5 and 10-year goals in GPCD • Schedule for implementing the plan • Method for tracking targets and goals • Production meter(s) • Specific conservation measures or BMPs included in the conservation program • Documentation of RWPG notification 	<ul style="list-style-type: none"> • Develop WUG-specific conservation strategies based on conservation measures or BMPs included in an associated WCP • Summarize the number and types of measures and BMPs reported in WCPs • Summarize utility 5 and 10-year total GPCD goals and consider when setting RWPG GPCD goals
<p>Water Conservation Plan Annual Report</p>	<ul style="list-style-type: none"> • System data: number of connections and gallons of metered retail water use by customer category • Water use: input volumes, authorized consumption, and water losses • BMPs implemented & estimated gallons saved • Leaks detected and meter testing/repair • Total, residential, and water loss GPCD and water loss percentage 	<ul style="list-style-type: none"> • Review and consider trends in utility annual total GPCD • Review details of BMPs implemented and estimated gallons saved to inform conservation water use reduction and water loss mitigation strategies • Summarize BMP implementation and results (gallons conserved, gallons reused, meters tested, and leaks repaired) in the RWP



RWPG GPCD Goal Setting

- TWDB Conservation Information Dashboard for Water Supply Planning
 - Regional planning GPCD statistics,
 - Historical WUG planning GPCDs,
 - GPCD goals as set by RWPGs in the 2021 RWPs,
 - 5 and 10-year total GPCD targets from utility water conservation plans
- SARA Report ID 102 - WUG Adjusted Planning GPCD with Water Efficiency and Conservation Savings
- Spreadsheet of 2026 RWP Baseline GPCDs and WUG Adjusted GPCD based on WCAC methodology



Additional Resources for RWPGs

1. Best Management Practices
2. TWDB Municipal Water Conservation Planning Tool
3. WCAC Suggestions to RWPGs
4. Example Water Loss Strategies from 2021 RWPs
5. Water Loss Performance Indicators

TWDB Conservation Information Dashboard for Water Supply Planning

- Historical WUG Planning GPCD Statistics by Region
- Water Use, Loss, and Conservation Reporting Requirements
- GPCD Trends and Targets
- Municipal Conservation BMPs & Recommended Projects
- Recently Implemented BMPs by Region

[Go to Live Demo >](#)

<https://www.twdb.texas.gov/waterplanning/data/dashboard/conservation.asp>



Questions?

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