

Regional Water Planning Group Chairs Call

TWDB Water Supply Planning Division
December 8, 2022

Agenda

1. Introductions, Opening Comments, and Agenda Order
2. Sixth Cycle of Regional Water Planning Activities and Timelines
3. Projections Development and Remaining Timeline
4. Chairs Discussion
5. Wrap-up and next call topics and date

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines

a) TWDB Legislative Appropriations Request:

https://www.twdb.texas.gov/publications/reports/administrative/doc/LAR_FY2024-2025.pdf

- Exceptional item 2 requests an additional \$1.3M in annual appropriations for regional water planning
- Includes \$320,000 annually dedicated to rural and other outreach

b) Interregional Planning Council

- First meeting held November 8, 2022
- Next meeting Spring 2023
- Report due to the TWDB March 3, 2024

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

c) TWDB coordination with State Climatologist

- Sunset recommendation for TWDB to consult with State Climatologist
- Prepare information for RWPGs regarding severe drought or excessive rainfall

d) RWP activities prior to Technical Memorandum deadline

- https://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/projectdocs/Working_Schedule_2026RWPs.pdf
- Technical Memorandum due March 4, 2024 (RWPG to approve requires 14-day notice)

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

- d) RWP activities prior to Technical Memorandum deadline (cont.)
- Technical Memorandum is a mid-point contract deliverable and includes
 - Population, demands, availability and supplies, and needs data
 - RWPG process to identify potentially feasible water management strategies (WMSs)
 - List of potentially feasible WMS identified to date
 - List of infeasible WMS and projects identified from the 2021 RWPs
 - Summary of region's interregional coordination efforts do date

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

- d) RWP activities prior to Technical Memorandum deadline (cont.)
 - Hydrologic variances
 - Required for deviations from using WAM Run 3 for surface water analysis and modeled available groundwater variances (MAG peak factor or reallocation)
 - RWPG must take action to submit hydrologic variances and submit requests to the TWDB Executive Administrator
 - For surface water RWPGs must utilize new [hydrologic variance checklist](#)
 - Intended to make the TWDB review and approval process more efficient

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

d) RWP activities prior to Technical Memorandum deadline (cont.)

- Identify infeasible WMSs and projects from the 2021 RWPs
 - New scope of work task for 2026 regional water planning cycle
 - Required by SB 1511, 85th Texas Legislature
 - If infeasible WMSs identified, amend 2021 plans to:
 - Remove infeasible WMS or project,
 - Revise infeasible WMS or project to make feasible, and/or
 - Incorporate new WMS or project

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

- d) RWP activities prior to Technical Memorandum deadline (cont.)
- Identify infeasible WMSs and projects from the 2021 RWPs (cont.)
 - RWPGs to review previous RWP and coordinate with project sponsors to determine implementation status and determine infeasibility
 - RWPGs must review:
 - WMSs and projects with an online decade of 2020
 - Additional near-term WMSs and projects with lengthy permitting/construction processes
 - TWDB to provide data for the above WMSs and projects

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

- d) RWP activities prior to Technical Memorandum deadline (cont.)
 - Identify infeasible WMSs and projects from the 2021 RWPs (cont.)
 - Affirmative steps by the sponsor may include but not limited to:
 - spending money on the strategy or project,
 - voting to spend money on the strategy or project, or
 - applying for a federal or state permit for the strategy or project
 - Any resulting amendments must be adopted by the RWPG and submitted to the TWDB by June 4, 2024

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

- d) RWP activities prior to Technical Memorandum deadline (cont.)
 - Public meeting to identify potentially feasible WMS process and present results of infeasible WMS analysis (requires 14-day notice)
 - RWPG to present process to identify potentially feasible WMS and receive public input
 - RWPG to present results of analysis of infeasible WMSs and projects from the 2021 RWPs

Agenda Item 2: Sixth Cycle of Regional Water Planning Activities and Timelines (cont.)

- e) Updates to TWDB RWP educational material
 - [RWPG member overview](#)
 - [Administrative guidance for RWPG sponsors \(political subdivisions\)](#)
 - [Regional Water Planning 101 slides](#)
 - Regional water planning educational [information sheets](#)
- f) Contracting reminders
 - Contract exhibits available [online](#)
 - Payment requests
 - Subcontracts
- g) TWDB RWP communications

Agenda Item #3

Population and Municipal Water Demand Projections for the 2026 Regional Water Plans

Katie Dahlberg
Manager, Projections & Socioeconomic Analysis
Water Supply Planning

December 8, 2022
Chairs Conference Call

Population Projections

- Based on Texas Demographic Center's county-level projections
- Cohort component method
 - Age/sex/race/ethnicity
 - Birth rates, death rates, migration rates
- 2 migration scenarios: full-migration & half-migration 2010-2020
- 2030-2060
- TDC projections are online: <https://demographics.texas.gov/Data/TPEPP/Projections/>

Population Projections

- Difference this planning cycle: if a county's population is projected by TDC to decline, then the TWDB's county population projections will also decline
- TWDB draft projections
 - Extended 2070-2080
 - Use the full-migration scenario to sub-allocate to WUGs
- TWDB will provide:
 - Region-County projections 2030-2080: two migration scenarios
 - WUG projections 2030-2080: only full-migration scenario
- RWPGs have the option to revise to use half-migration scenario

Municipal Demand Projections

- Draft baseline GPCD
- Projected plumbing code savings
 - Update this planning cycle
 - Residential:
 - Toilets
 - Showerheads
 - Clothes washers
 - Commercial toilet and urinal water efficiency savings
 - 2030 – 2080

Municipal Demand Projections

$$\text{Projected Demand} = (\text{Population} * (\text{GPCD} - \text{PC Savings}) * 365) / 325,851$$

Remaining Projections Timeline

Draft Water Demand Projections	Timeline
Population projections, baseline GPCD, plumbing code savings projections, municipal demand projections + municipal basin split percentages	February 2023
DUE: RWPGs request revisions for non-municipal demand projections	July 14, 2023
DUE: RWPGs request revisions for population and municipal demand projections	August 11, 2023
TWDB Board Meeting to Adopt Projections	Fall 2023
DUE: Technical Memorandum	March 4, 2024

Questions?

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Stay connected:



Agenda Item 4: Chairs Discussion

- Open discussion with Chairs

Agenda Item 5: Wrap-up and Next Call

- Next call topics and date options

Questions?

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Stay connected:

