

From: [RegionalWaterPlanning](#)
To: [RegionalWaterPlanning](#)
Cc: [OOP-WSP-RWP](#); [Katie Dahlberg](#); [Sarah Backhouse](#); [Temple McKinnon](#); [Matt Nelson](#)
Subject: Water User Group List and Historical Data Review
Date: Wednesday, March 16, 2022 11:38:32 AM
Attachments: [Draft2027WUGs.xlsx](#)
[WUG_HistoricalData_2026RWPs.xlsx](#)
[image001.png](#)

Good morning,

Prior to developing draft population and water demand projections for the 2026 Regional Water Plans (RWPs), a list of Water User Groups (WUGs) needs to be established. TWDB staff have drafted the WUG list (attached), including relationships to WUGs in the 2021 Regional Water Plans and current relationships to public water systems. WUGs are defined in the [Texas Administrative Code 31 TAC § 357.10\(43\)](#) and are being provided for your preview and potential revision, as appropriate.

Also included for review are the historical WUG-level population estimates, net use collected by public water system through the TWDB water use survey and aggregated to the WUG-level, and Gallons per Capita Daily (GPCD). Population for 2010 and 2020 was developed using utility boundaries and Census Blocks. Population for 2011-2019 was estimated using a variety of sources, including Census data, water use survey-reported connections, and growth rates. Historical GPCD is calculated as net use (gallons) divided by population divided by 365 days per year. The draft baseline GPCD utilizes the baseline GPCD from the 2021 RWPs minus accumulated plumbing code savings and will be used to draft municipal demand projections.

Points of interest:

- All utility-based WUGs were carried forward from the 2021 RWPs
- New WUGs were evaluated and added based on the utility use from 2015-2019 of 100 acre-feet per 31 TAC § 357.10(43)
- Utility-based WUGs from the 2021 RWPs were removed from the draft 2026 WUG list, if:
 - Utility merged with another WUG
 - The utility-based WUG no longer had an active, community public water system
- 2010 and 2020 WUG populations were developed using decennial Census data
- Draft baseline GPCDs were carried over from the 2021 RWPs and reduced by estimated, accumulated plumbing code savings since the year of the baseline GPCD in the last plan
- Statewide, draft baseline GPCDs are generally lower than the 2021 RWPs baseline GPCD
- GPCD of 60 is the lowest allowed baseline GPCD
- Utility boundaries are available to view within the dashboard itself

Please review the attached list of WUGs and submit revisions to the WUG list (e.g., merges, additions) via the region's consultant to TWDB by July 29, 2022 based on the WUG criteria listed in section 2.2.1.1 of TWDB's [Sixth Cycle of Regional Water Planning Documents \(Exhibit C\)](#). The final, approved set of WUGs will be used to develop population projections in the 2026 Regional Water Plans. You may also review historical population, net use, and GPCD data and let us know of any revisions to the historical data. Baseline GPCDs can also be revised during the municipal demand projections revisions process (February 2023 – August 2023).

The datasets are attached and available to view in a dashboard:

<https://www.twdb.texas.gov/waterplanning/data/projections/2027/municipal.asp>

Thank you,

Katie S. Dahlberg

Manager, [Projections & Socioeconomic Analysis](#)

Water Supply Planning, Office of Planning

[Texas Water Development Board](#)

1700 N. Congress Avenue, P.O. Box 13231, Austin, TX 78711

(512) 463-2449 | katie.dahlberg@twdb.texas.gov

