



Draft Municipal WUG Projections for the 2021 Brazos G Plan

Agenda Item 6.12.1

April 5, 2017

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Overview

- September 2016
 - New municipal WUG definitions presented
 - BGRWPG decision – include additional government and private utilities if they request
 - BGRWPG decision – include Dyess AFB as part of Abilene CRU per Dyess and Abilene
 - BGWPG decision – include Texas A&M University as a WUG
- Fall 2016 – TWDB finalized list of municipal WUGs
- January 2017 – TWDB released draft municipal population and water demand projections
- March 2017 – HDR memorandum summarizing draft projections and proposing revision process
- Today
 - Review draft projections – population and water demand
 - Approve and begin process for soliciting revision requests



New Utility-Based Planning Basis

- Previous municipal WUG definition
 - City or retail utility with population of 500 or greater
 - City or retail utility selling 280 acre-feet/year (AFY) or more
 - City population based on census place and/or political boundaries, not utility service area
 - 234 municipal WUGs (including 37 County-Other WUGs)

- New municipal WUG definition
 - Retail public utilities owned providing more than 100 AFY for municipal use
 - Privately-owned utilities that request inclusion as an individual WUG, provide more than 100 AFY for municipal use for each owned water system, and are approved for inclusion as an individual WUG by the RWPG
 - Water systems of state or federal-owned facilities that request inclusion as an individual WUG, provide more than 100-AFY for municipal use, and are approved for inclusion as an individual WUG by the RWPG
 - Populations based on utility service areas, not political boundaries
 - 284 total municipal WUGs (including 37 County-Other WUGs)



Aspects of 2021 Municipal Projections

- County and regional population totals remain the same
 - Population simply shifted between WUGs
- Nearly every WUG will have different population projections
- Base water demand remains the same – GPCD basis
- Applying GPCD to different populations has changed municipal water demands
 - 6,032 acft/yr greater in 2020
 - 8,150 acft/yr greater in 2070
 - Smaller in 8 counties; larger in all others



Proposed Process for Revisions

1. BRA to mail out the projections by May 15, 2017. Request feedback by June 30, 2017.
 - Individual WUGs
 - Wholesale Water Providers
 - Councils of government
 - Groundwater conservation districts
 - County judges
2. May 15 – August 31, 2017, coordinate with entities requesting or recommending revision (GPCD and/or populations)
3. After August 31, 2017, compile comments and requests/recommendations and present at Brazos G meeting
4. August and September 2017, hold up to two public meetings to discuss the revisions
5. August and September 2017, coordinate with TWDB staff
6. September or November 2017, present and adopt final revision request and submit to TWDB
7. January/February 2018, TWDB adopts the final projections



Suggested Action

“The Brazos G Regional Water Planning Group directs the Brazos River Authority and HDR Engineering to coordinate with interested parties and the Texas Water Development Board regarding requested revisions to the draft population and water demand projections for municipal water user groups for the 2021 Brazos G Regional Water Plan, as proposed in the memorandum from HDR dated March 15, 2017.”

