

Region C Water Planning Group PUBLIC HEARING

June 24, 2015



Agenda

Introductions and Opening Remarks

Brief Overview of the Initially Prepared 2016 Region C Water Plan

Public Comments

Adjournment





Introduction and Opening Remarks

Jody Puckett Region C Chair



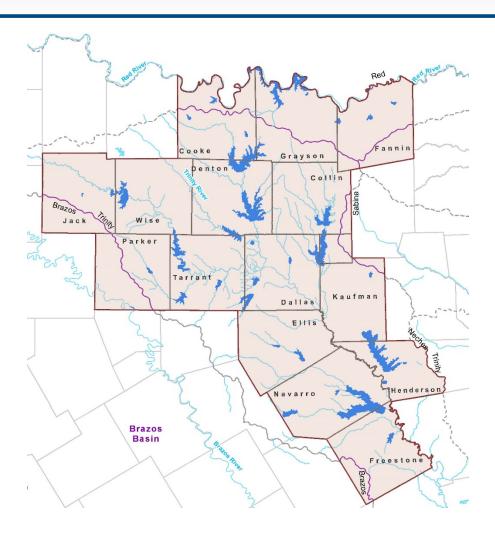


Brief Overview of the Initially Prepared 2016 Region C Water Plan

Tom Gooch, P.E. Freese and Nichols, Inc.



Chapter 1 – Description of Region



- 16 Counties
- 40 WWPs
- 360 WUGs



Chapter 2

- Population
 - 2020 7.5 million
 - 2070 14.3 million
- Per Capita
 - TWDB required use of 2011 Historical gpcd
 - 2011 was not worst recent drought year for much of Region C
 - TWDB allowed corrections to 2011 data & limited use of average 2006, 2008, 2011 gpcd



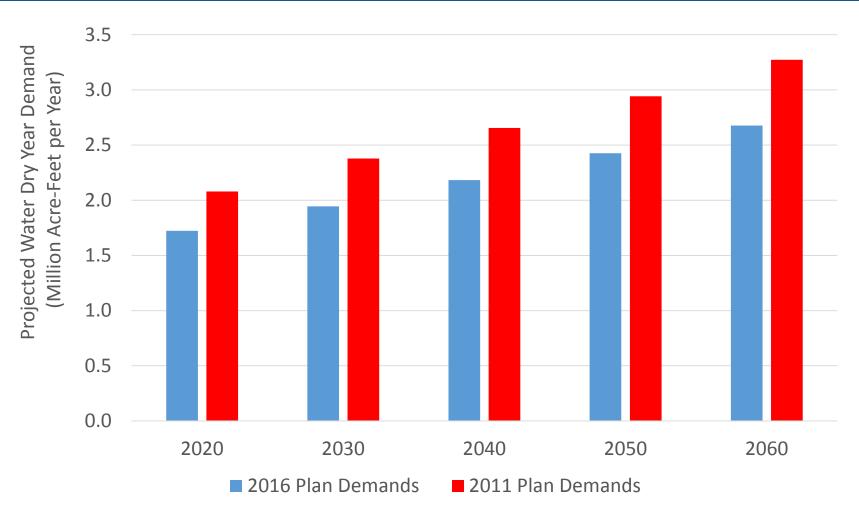
Chapter 2

- 2011 Plan 2060 gpcd = 200*
- 2016 Plan 2060 gpcd = 165*
 - *before conservation & reuse strategies

- 2060 Total Demand
 - 2011 Plan 3.27 million ac-ft/yr
 - 2016 Plan 2.68 million ac-ft/yr
 - Difference decrease of 590,000 ac-ft/yr

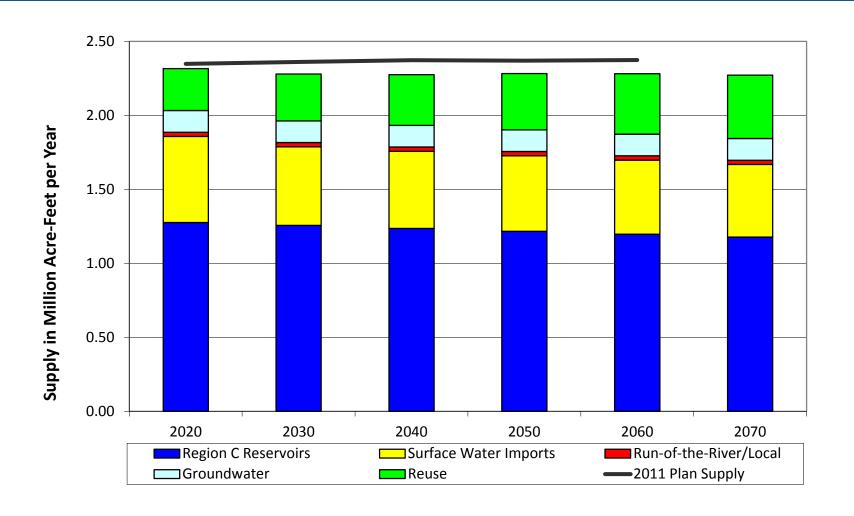


Chapter 2 – Changes to Total Demand



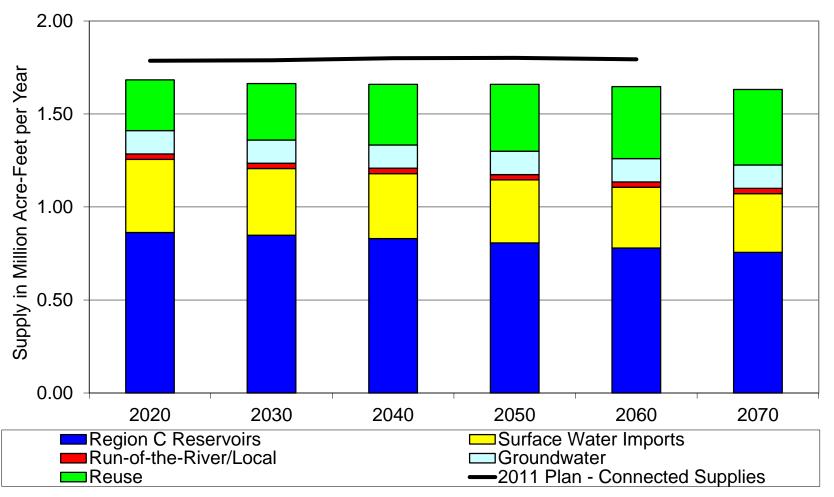


Chapter 3 – Total Supplies



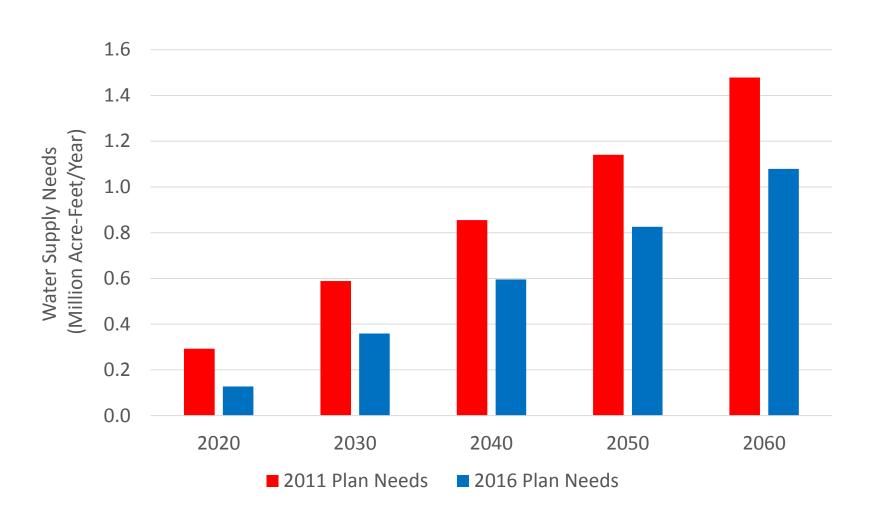


Chapter 3 – Currently Connected Supplies





Chapter 4 – Water Needs





Chapter 5 – Identification, Evaluation & Selection of WMSs

- Changes to the major WMSs
 - Dallas
 - More Reuse
 - Lake Columbia
 - Tarrant Regional Water District
 - More Reuse (new permits)
 - Lake Tehuacana
 - Sulphur Basin Supplies

(TRWD, NTWMD, UTRWD, Dallas, Irving, SRBA)

- Evolution of Marvin Nichols
- Combination with Lake Wright Patman

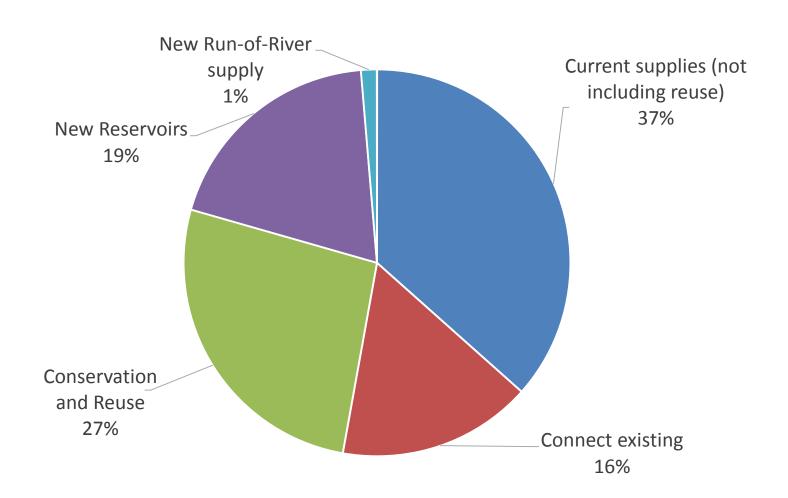


Chapter 5 - Water Management Strategy Supplies and Costs

- Supply from WMS development is 1.68 million acre-feet per year (vs 2.21 in 2011 Plan)
- Management supply factor region-wide is 1.127 in 2070 (vs 1.22 in 2011 Plan)
- Total cost of implementing all of the WMSs is \$22 billion (\$21 billion in 2011 Plan)



Chapter 5 - Sources of Water Available as of 2070





Chapter 6 – Impacts of Plan

- No changes to the key water quality parameters from the 2011 Plan
- Updates related to changes to WMSs
- New section on impacts of WMSs on groundwater/surface water inter-relationships
- New section on needs by basin related to IBTs
- Plan to develop Quantitative Analysis on Sulphur Basin Supplies new configuration (anticipate available sometime this summer)



Chapter 6 – Impacts of Plan

- WUGs with unmet needs
 - Freestone County mining (2020 2070)
 - Jack County mining (2020 2070)
 - Athens (2070)



Chapter 7 – Drought Response

- Drought of record for most of Region C (1950-1957)
- Jim Chapman (Cooper) Lake in Sulphur Basin experiencing a new drought of record
- Drought triggers
 - Surface water follows triggers in DCPs of the owner/operator
 - Groundwater follows trigger in DCPs of the operator
 - Emergency Interconnects



Chapter 7 – Drought Response

- Recommendations
 - Regular monitoring of drought conditions
 - Coordination with WWPs on stages
 - Regular review & update of the Drought Plans
 - Communication with customers during times of decreased supply or precipitation
 - Consistent enforcement procedures
 - Model Plans available on <u>www.regioncwater.org</u>



Chapter 8 – Unique Stream Segments, Reservoir Sites, & Leg. Recommendations

- Sub-committee established to develop recommendations
- Columbia and George Parkhouse North added to the list of recommended unique sites for reservoir construction
- Several new legislative recommendations
 - Expand eligibility for SWIFT funding (timing)
 - Add Sulphur River Basin Authority as a WWP
 - Other small changes to existing recommendations



Chapter 9 – Infrastructure Funding Recommendations

- Placeholder for IPP
- To be performed by TWDB



Chapter 10 – Public Participation

- Includes a discussion of:
 - Planning Group Members
 - Outreach to the public
 - Public meetings and hearings
 - Summary of Region C/D Interregional Conflict



Chapter 11 – Implementation & Comparison to Previous RWP

- New chapter
- Changes since the last plan:
 - Implementation of 29 WMSs
 - 252 WMSs no longer considered by WUGs/WWPs (184 for supplemental wells)
 - Decreased total demands
 - Decreased total available supplies
 - Decreased total need
 - Similar total cost





Public Comment



Public Comment Guidelines

Each speaker limited to 3 minutes

No speaker may yield their time to another speaker

Transcript of Public Hearing, including all public comments, will be included as part of the 2016 Final Plan (in Appendix V).



Public Comment Period

• Members of the public may also submit written comments up to 60 days after this hearing (no later than August 23, 2015) to:

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Trinity River Authority
P.O. Box 60
Arlington, Texas 76004
E-mail: regioncwpg@trinityra.org





Adjourn

