



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

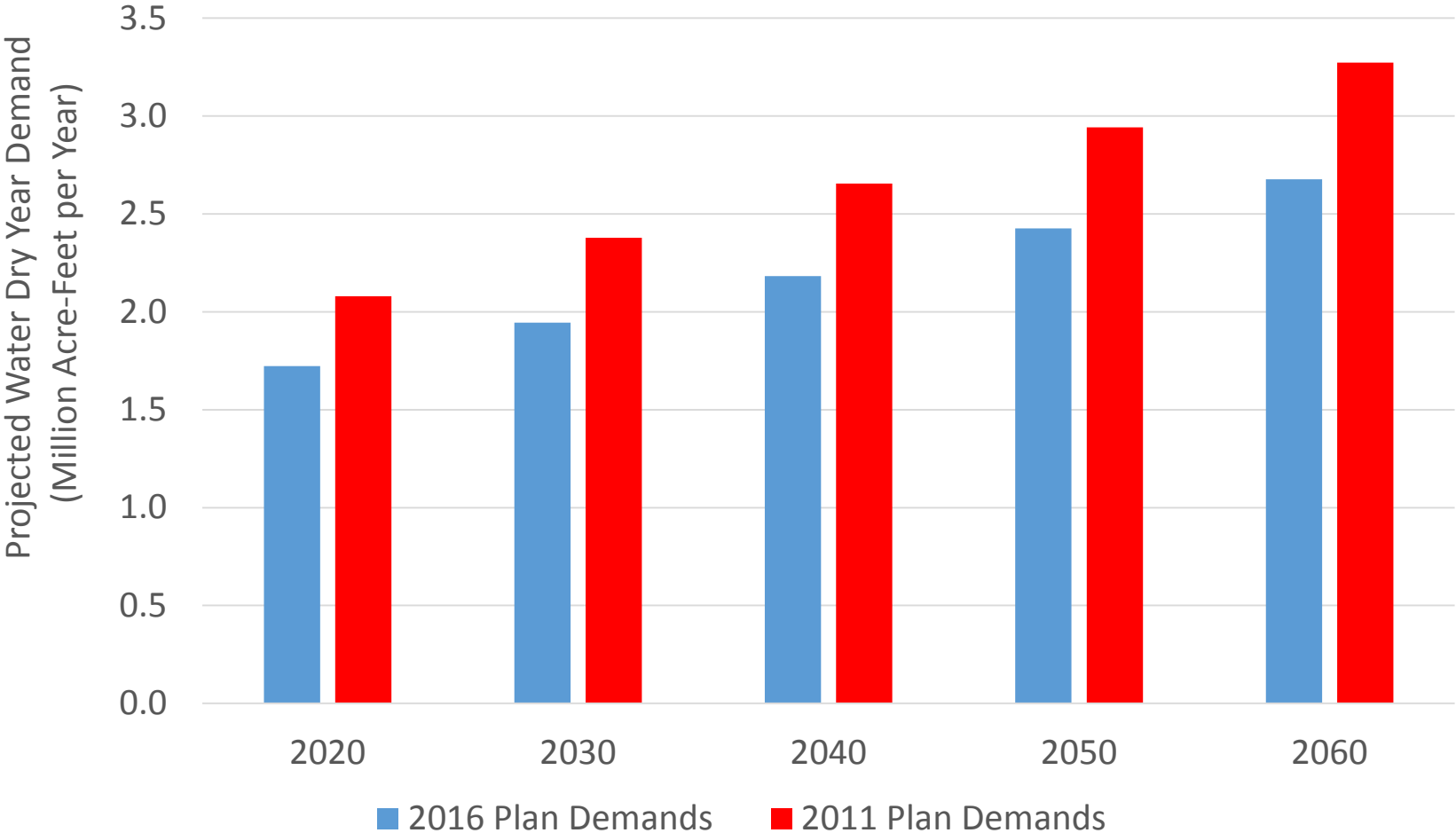
- Population
 - 2020 - 7.5 million
 - 2070 – 14.3 million
- Per Capita
 - TWDB required use of 2011 Historical gpcd
 - 2011 was not worst recent drought year for much of Region C
 - TWDB allowed corrections to 2011 data & limited use of average 2006, 2008, 2011 gpcd

Chapter 2

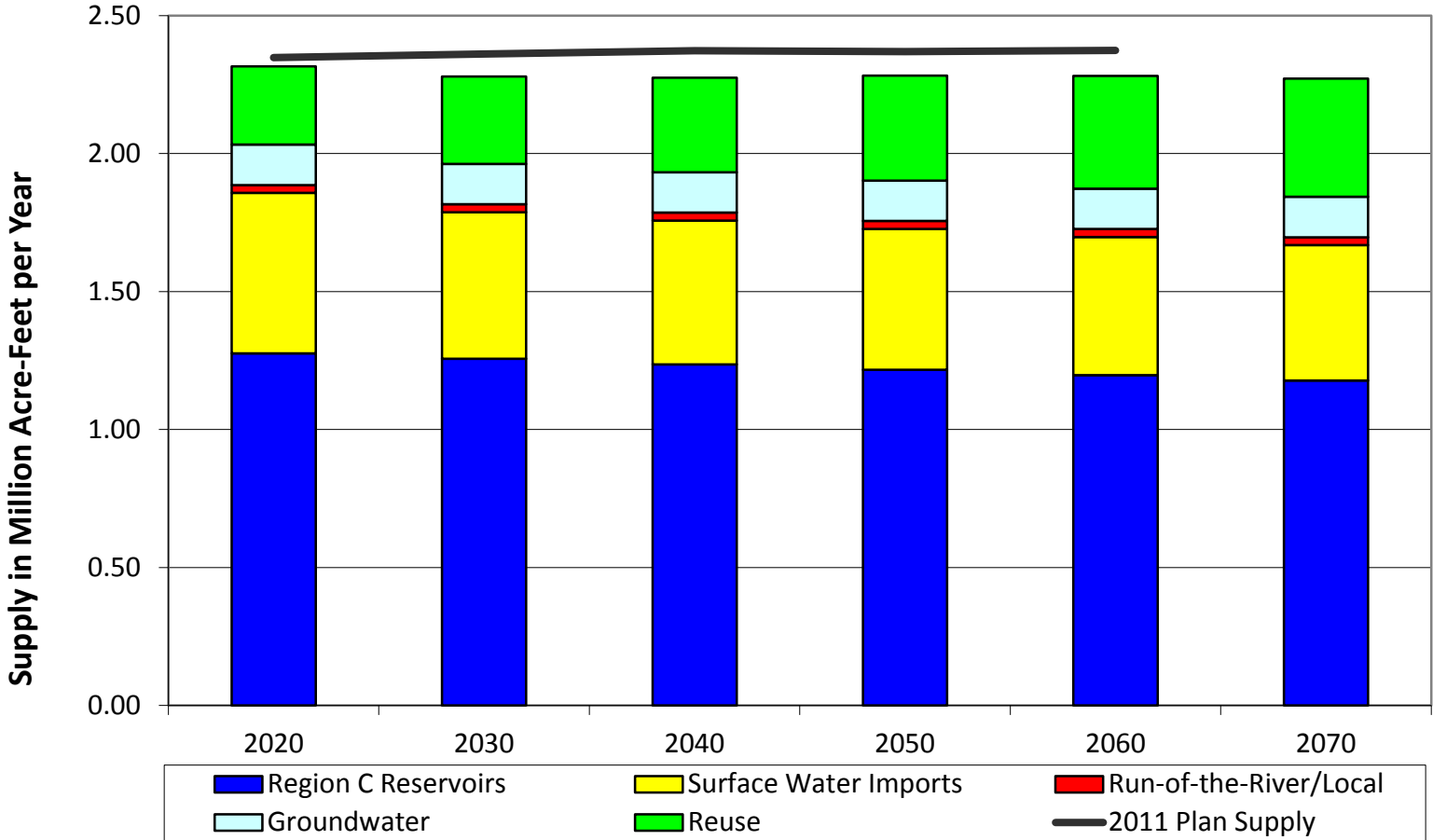
- 2011 Plan – 2060 gpcd = 200*
- 2016 Plan – 2060 gpcd = 165*
 - *before conservation & reuse strategies

- 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

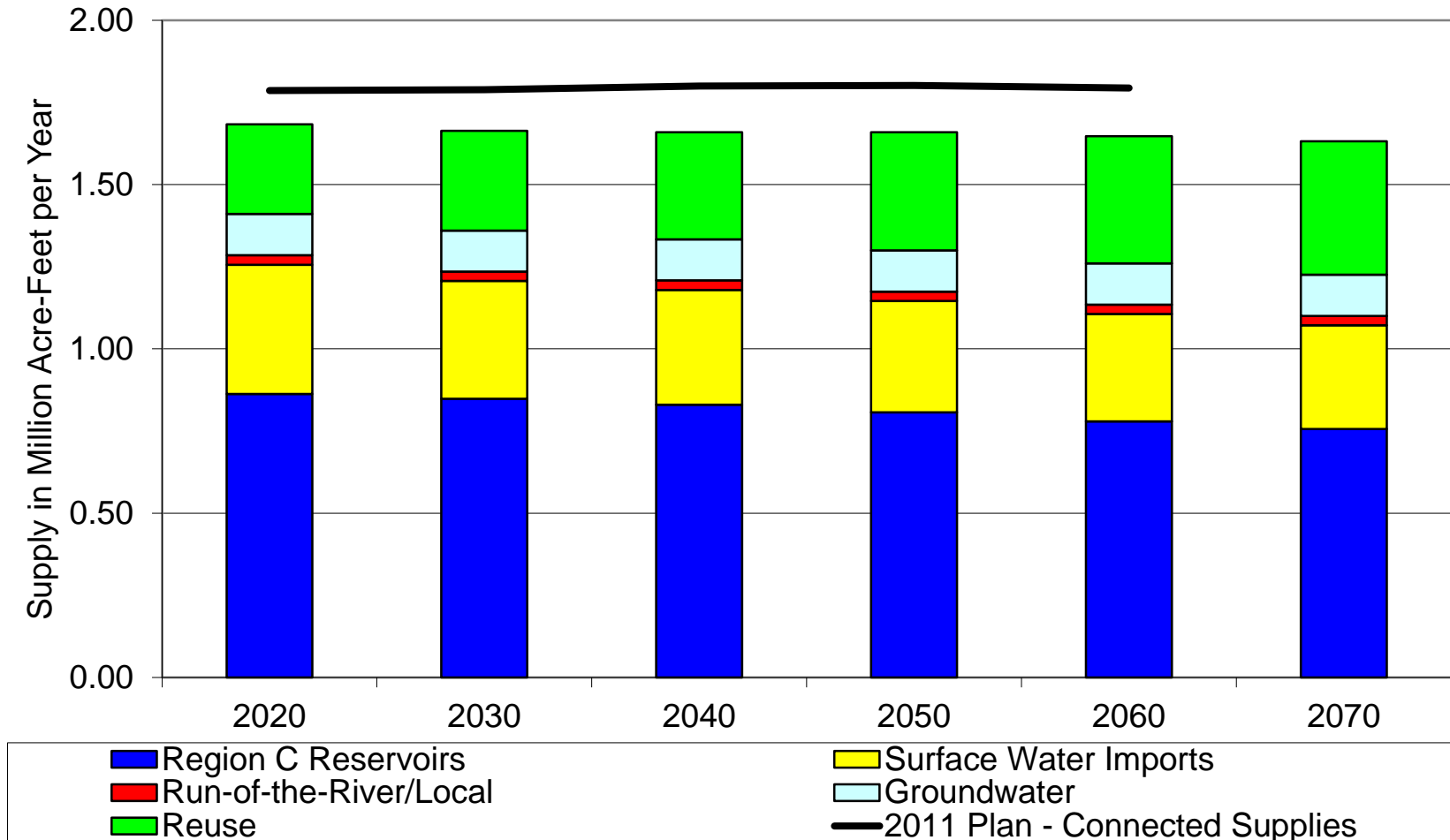
Chapter 2 – Changes to Total Demand



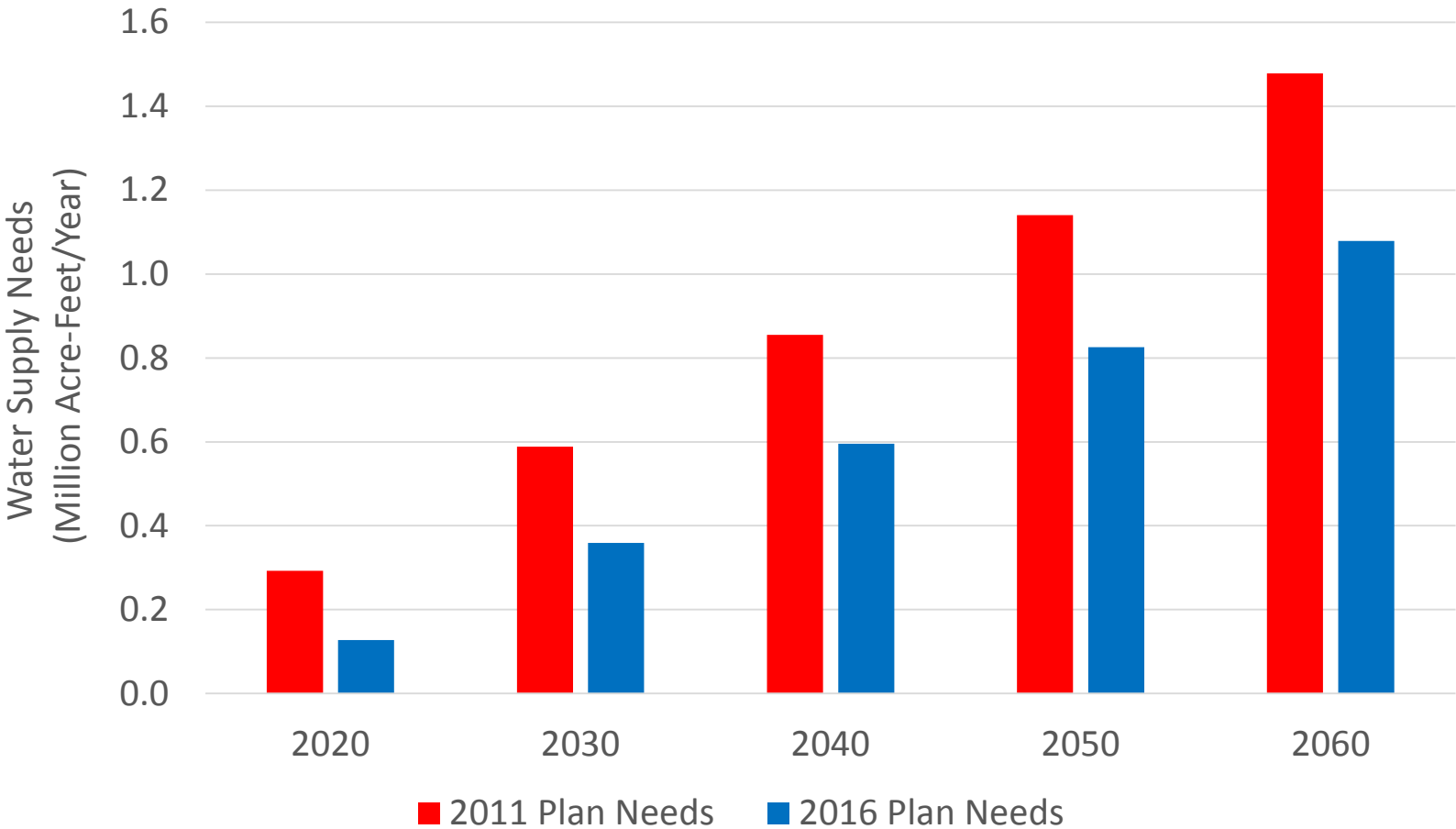
Chapter 3 – Total Supplies



Chapter 3 – Currently Connected Supplies



Chapter 4 – Water Needs



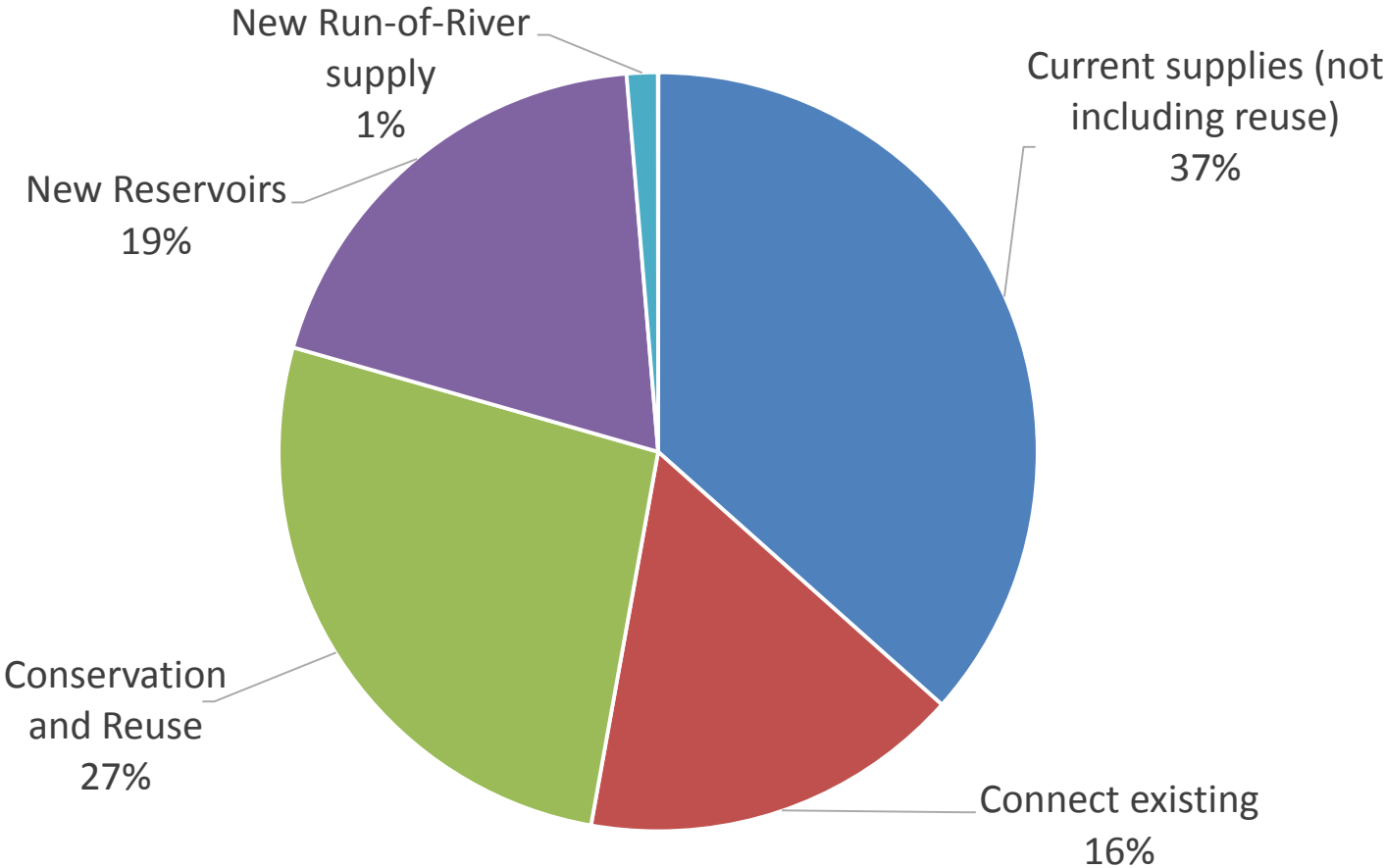
Chapter 5 – Identification, Evaluation & Selection of WMSs

- 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 WWP's 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 www.regioncwater.org

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:

J. Kevin Ward

Administrative Agent for Region C

Trinity River Authority

P.O. Box 60

Arlington, Texas 76004

E-mail: regioncwpg@trinityra.org



Adjourn

