

Water Planning Meeting AGENDA

May 26, 2016 at 10:00 a.m.
San Antonio River Authority – Board Room
100 E. Guenther Street
San Antonio, Texas 78204

- 1. Introductions and Certification of a Quorum by the Secretary
- 2. Approval of the Minutes from the November 17, 2016, and the March 1, 2016, Meetings
- 3. Regional Water Alliance Budget Update
- 4. Region L Administrative Update and Recap of May 5, 2016 Meeting
- 5. Discussion and Possible Action Regarding Region L 2021 Plan Enhancement Process
- 6. Other Business/ New Business
- 7. Adjourn

Agenda Item 1	. Introductio	ns and Certi Secretary	fication of a	Quorum	by the

Agenda Item 2. Approval of the Minutes from the November 17, 2016, and the March1, 2016, Meetings



Council of Representatives MEETING MINUTES

10:00 a.m. – October 1, 2015 San Antonio River Authority, Salado Room 100 E. Guenther Street San Antonio, TX 78204

Council of Representatives Present:

Mike Taylor Crystal Clear SUD

Brandon Payne San Antonio Water System

Brandon Bradley Cibolo Creek Municipal Authority Humberto Ramos Canyon Regional Water Alliance

Albert Strzelczyk East Central SUD Avery Lunsford Universal City

Sam Willoughby Schertz

Steve Raabe San Antonio River Authority

LeAnn Piatt City of Converse Randy Schwenn City of Marion

Patrick Sullivan City of Alamo Heights

Members, Guests & Administrative:

Cole Ruiz San Antonio River Authority

AGENDA ITEM NO. 1: Introductions and Certification of a Quorum by the Secretary

A quorum was established for this meeting.

AGENDA ITEM NO. 2: Approval of the Minutes from the October 1, 2015, Meeting

Mike Taylor made a motion to approve the minutes from the October 1, 2015, meeting. Randy Schwenn seconded the motion. The motion was approved by consensus.

AGENDA ITEM NO. 3: Regional Water Alliance Budget Update

Cole Ruiz, San Antonio River Authority (SARA), briefed the Regional Water Alliance on the current status of the Regional Water Alliance Budget. Mr. Ruiz noted that the current budget for Fiscal Year 2016, was \$11,000.00. Mr. Ruiz reviewed the previous spending trends of the RWA.

Humberto Ramos asked if all 21 members of the RWA, including those who do not traditionally attend meetings, contribute to the budget. Mr. Ruiz confirmed that they did. Discussion ensued about getting those members engaged.

AGENDA ITEM NO. 4: Region L Administrative Update and Recap of the November 5, 2015 Meeting

Mr. Ruiz, reported to the Regional Water Alliance (RWA) that the most recent Region L meeting was held on Thursday, November 5, 2015, and reviewed what transpired at the meeting.

Mr. Ruiz briefed the RWA, summarizing the Region L meeting agenda item by item. Mr. Ruiz noted that, concerning agenda item no. 6 of the November Region L meeting that SWIFT funding deadlines were approaching. Ensuing discussion resulted in a request to the Texas Water Development Board attend a future RWA meeting to answer questions regarding processes and deadlines as they relate to planning and SWIFT funding.

Mr. Ruiz continued, noting that HDR Engineering spoke at the Region L meeting about the planning schedule. HDR was to deliver the final Region L 2016 Regional Water Plan by December 1, 2015.

Mr. Ruiz, reviewed additional items from the Region L November meeting, including an amended Region L budget, and the prioritization of water management strategies in the 2016 Regional Water Plan.

Additionally, Mr. Ruiz briefed the RWA on process and votes surrounding the Cibolo Valley Local Government Corporation's Carrizo Project. Cibolo Valley LGC had three versions of the same project in the 2016 Regional Water Plan. Ultimately, after a vote (at the November Region L meeting) to not reconsider the removal of any of the three versions of Cibolo Valley LGC projects from the plan, all three versions ended up included in the approved 2016 Regional Water Plan. The Region L Planning Group subsequently adopted 2016 Regional Water Plan.

Among other items, Mr. Ruiz addressed how the Region L planning group will move forward. An RFP was to be issued shortly to retain professional services (technical consultants) for the fifth cycle of planning (2021 Regional Water Plan development).

AGENDA ITEM NO.5: Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) Update

Mr. Ruiz briefed the RWA on funding from the Texas Water Development to conduct studies as part of the environmental flows validation process. Mr. Ruiz noted that three studies were being considered, but that none had been decided upon. The BBASC was still in the decision making process, after which they would enter a negotiation stage with the science teams tasked with conducting the proposed studies.

AGENDA ITEM NO.6: Other Business/ New Business

RWA members generally agreed that the meetings should continue to be held after Region L meetings, as has been the traditional practice.

There was a request to provide a list of members to the RWA members, and make a greater effort to engage inactive RWA members.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

Avery Lunsford, Secretary	



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MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

Avery Lunsford, Secretary	

Agenda Item 3. Regional Water Alliance Budget Update

San Antonio River Authority **Project Expenditure Status Report**

as of 05/31/2016

Project ID: 00000020 Regional Water	Alliance	R	egional Water Allia	nce
Key: 0102103430 Regional Water Allia	nce FY13			
Object - Description	Budget	Actual	Encumbrance	Remaining
00000191 - Not Applicable - Labor	7,686.20	7,686.20	0.00	0.00
00000299 - Other	313.64	313.64	0.00	0.00
00000392 - Professional Services	1,233.17	1,233.17	0.00	0.00
<u> </u>	9,233.01	9,233.01	0.00	0.00
Total JL Key	9,233.01	9,233.01	0.00	0.00
Key: 0102104030 Regional Water Allia	nce FY14			
Object - Description	Budget	Actual	Encumbrance	Remaining
00000191 - Not Applicable - Labor	4,797.92	4,797.92	0.00	0.00
00000299 - Other	192.81	192.81	0.00	0.00
00000392 - Professional Services	4,623.82	4,623.82	0.00	0.00
	9,614.55	9,614.55	0.00	0.00
Total JL Key	9,614.55	9,614.55	0.00	0.00
Key: 0102105030 Regional Water Allia	nce FY15			
Object - Description	Budget	Actual	Encumbrance	Remaining
00000191 - Not Applicable - Labor	4,007.73	4,007.73	0.00	0.00
00000299 - Other	134.96	134.96	0.00	0.00
00000392 - Professional Services	5,163.97	5,163.97	0.00	0.00
<u>. </u>	9,306.66	9,306.66	0.00	0.00
Total JL Key	9,306.66	9,306.66	0.00	0.00
Key: 0102106030 Regional Water Allia	nce FY16			
Object - Description	Budget	Actual	Encumbrance	Remaining
00000191 - Not Applicable - Labor	4,000.00	1,476.09	0.00	2,523.91
00000299 - Other	500.00	70.08	0.00	429.92
00000392 - Professional Services	6,500.00	0.00	0.00	6,500.00
<u> </u>	11,000.00	1,546.17	0.00	9,453.83
Total JL Key	11,000.00	1,546.17	0.00	9,453.83
Total Project:	\$39,154.22	\$29,700.39	\$0.00	\$9,453.83
Total Regional Water Alliance:	39,154.22	29,700.39	0.00	9,453.83
Current Date: 05/25/2016	Page	User:		Colleen Belmore

2

Report:

Project Expenditure Status Report

Current Time:

10:15:00

Agenda Item 4. Region L Administrative Update and Recap of May 5, 2016 Meeting

NOTICE OF OPEN MEETING OF THE SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP

TAKE NOTICE that a meeting of the South Central Texas Regional Water Planning Group as established by the Texas Water Development Board will be held on Thursday, May 5, 2016, at 9:30 a.m. at San Antonio Water System (SAWS), Customer Service Building, Room CR 145, 2800 US Highway 281 North, San Antonio, Bexar County, Texas. The following subjects will be considered for discussion and/or action at said meeting. Additionally, TAKE NOTICE of the Preplanning Public Meeting to Obtain Public Input on Development of the 2021 Regional Water Plan for Region L, which will be held at the beginning of the aforesaid meeting of the South Central Texas Regional Water Planning Group, on May 5, 2016 at 9:30 am.

- 1. Public Comment
- 2. CONVENE PRE-PLANNING PUBLIC MEETING to Receive Public Input on Issues that Should be Addressed or Provisions that Should be Included in the Regional Water Plan for the Fifth Cycle of Regional Water Planning (Public Meeting Notice Published Separately on March 30, 2016 per 31 Tex. Admin. Code § 357.21 and is included below)
- 3. Approval of the Minutes from the February 11, 2016, Meeting of the South Central Texas Regional Water Planning Group (Region L)
- 4. Election of Officer to Fill Vacant Executive Committee At-Large Seat for Calendar Year 2016
- 5. Status of Edwards Aquifer Habitat Conservation Plan (HCP) Nathan Pence, Executive Director EAHCP
- 6. Status of Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) and Expert Science Team (BBEST)
- 7. Texas Water Development Board (TWDB) Communications
- 8. Chair's Report
- 9. Discussion and Appropriate Action Regarding Actions Taken by Region L Executive Committee on March 23, 2016.
 - a. Reviewed and Responded to TWDB Proposed Rules Changes
 - b. Proposed Schedule for 2021 Plan Enhancement Process
- 10. Texas Water Development Board Presentation on Utility-Based Planning
- 11. Discussion and Appropriate Action Regarding Consultant's Work and Schedule
- 12. Discussion and Appropriate Action Regarding the Following Components of the 2021 Plan

Enhancement Process

- a. Appropriateness and Adequacy of How Demand and Need are Determined
- b. Role of Regional Water Planning Groups in Influencing Population Growth and Land Use
- c. Conflicts of Interests With Respect to Planning Group Members
- 13. Discussion and Appropriate Action Authorizing the Administrator to Solicit Nominations to Fill Vacancies of South Central Texas Regional Water Planning Group (SCTRWPG) Voting Member Terms Expiring August 2016
- 14. Discussion and Appropriate Action Authorizing Administrator to Negotiate and Execute Interlocal Agreement for Funding Region L Administrative Costs for calendar years 2017 2021
- 15. Possible Agenda Items for the Next Region L Meeting
 - a. Fill Seats of Members Whose Terms are Expiring August 2016
 - b. 2021 Plan Enhancement Process
 - i. The Role of the Planning Group in Influencing Water Development Plans of Water Suppliers
 - ii. The Role of the Planning Group in Influencing Permitting Entities

16. Public Comment

NOTICE TO PUBLIC REGIONAL WATER PLANNING

Notice is hereby given that, at its regional water planning meeting scheduled for **May 5, 2016**, the South Central Texas Regional Water Planning Group (Region L) will hold a preplanning public meeting for purposes of obtaining input from the public on the development of 2021 Regional Water Plan for Region L.

By issuance of this Notice to Public, a preplanning comments period is currently active until the day of the preplanning public meeting. Written preplanning comments may be submitted anytime from the date of this notice until May 5, 2016, and must be submitted to the San Antonio River Authority (details provided below). Verbal comments will be recorded at the preplanning public meeting on May 5, 2016. The preplanning public meeting will occur at the following location at the specified date and time:

May 5, 2016 at 9:30 a.m.:

San Antonio Water System Customer Service Building, Room CR C145 2800 US Highway 281 North San Antonio, Texas 78212

Written comments from the public regarding the preplanning meeting must be submitted to SARA by no later than 5:00 PM May 5, 2016. Comments can be submitted to SARA as follows:

Steven J. Raabe Administrative Agent for Region L San Antonio River Authority P.O. Box 839980 San Antonio, Texas 78283-3692

For additional information, please contact Cole Ruiz, San Antonio River Authority, c/o Region L; P.O. Box 839980, San Antonio, Texas 78283-3692, (210 302 3293), and cruiz@sara-tx.org, or David Carter, Texas Water Development Board, P.O. Box 13231, Austin, Texas 78711, (512) 463-7847.

The South Central Texas Regional Water Planning Group (Region L) includes the following counties: Atascosa, Bexar, Caldwell, Calhoun, Comal, Dewitt, Dimmit, Frio, Goliad, Gonzales, Guadalupe, Karnes, Kendall, La Salle, Medina, Refugio, Uvalde, Victoria, Wilson, Zavala and part of Hays Counties.

Draft - Water for Texas 2017 State Water Plan

Ron Ellis

Project Manager Water Use, Projections, & Planning May 5, 2016

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Texas Water Development Board

The following presentation is based upon professional research and analysis within the scope of the Texas Water Development Board's statutory responsibilities and priorities but, unless specifically noted, does not necessarily reflect official Board positions or decisions.

Texas Water Development Board

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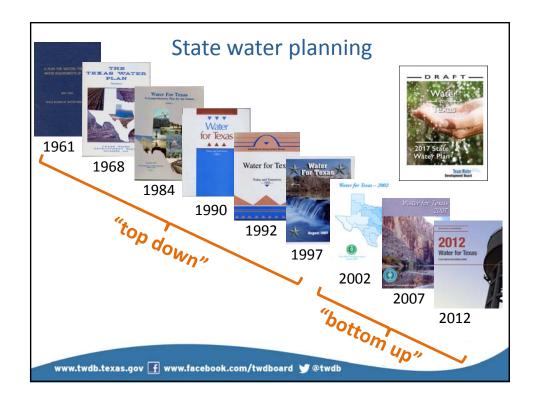
Texas Water
Development Board

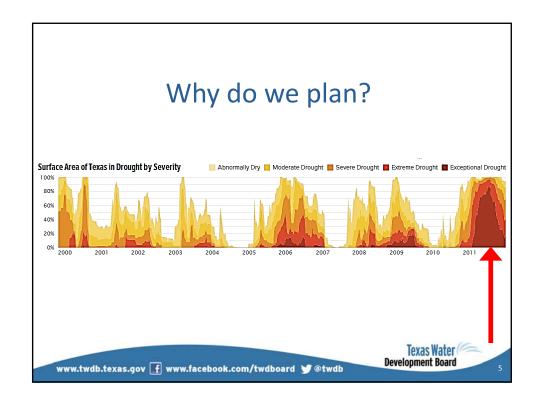
Purpose of state water plan

- provide for the orderly development, management, and conservation of water resources,
- prepare for and respond to drought conditions, and
- make sufficient water available at a reasonable cost to ensure public health, safety, and welfare and further economic development while protecting the agricultural and natural resources of the entire state.

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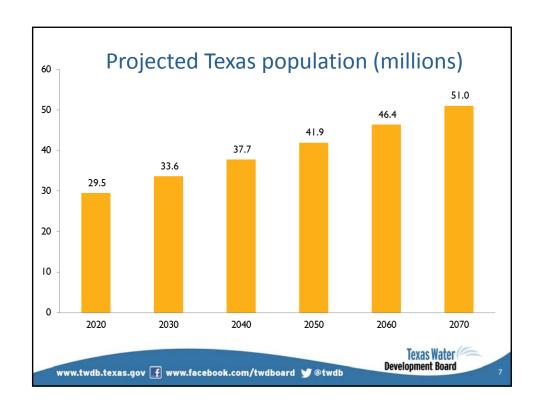


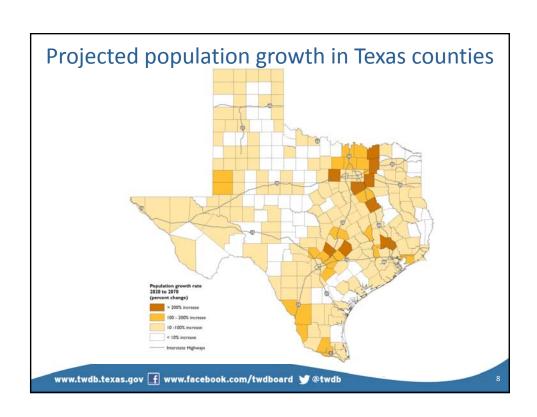
Planning (in a nutshell)

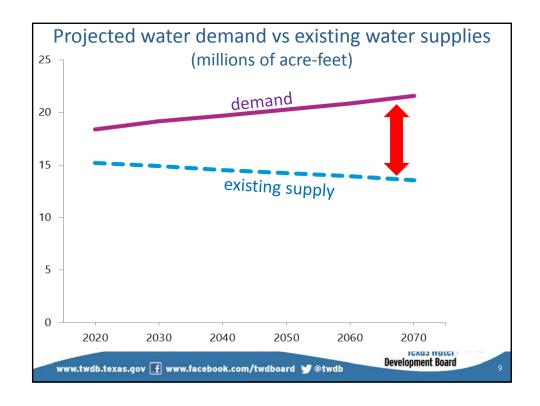
- How much are we going to need?
- How much do we have now?
- Do we have enough?
- If we don't, what do we need to do to get more?
- How much will it cost?

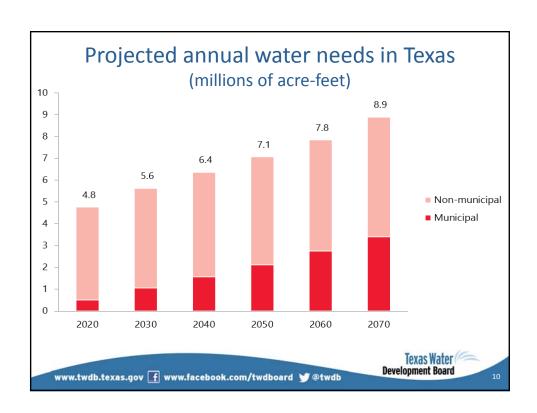


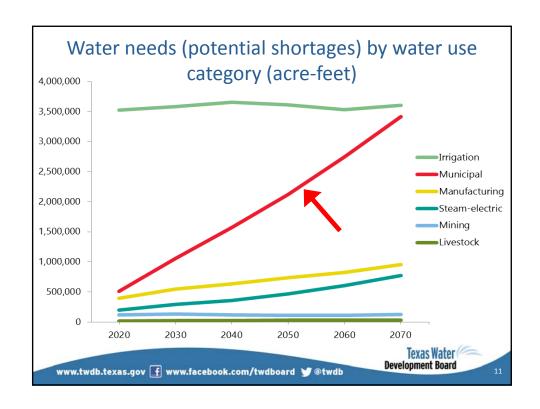


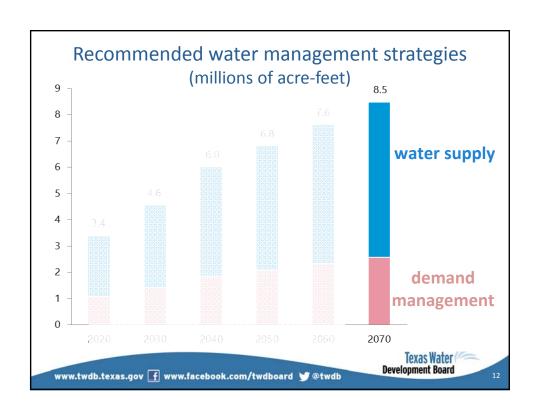


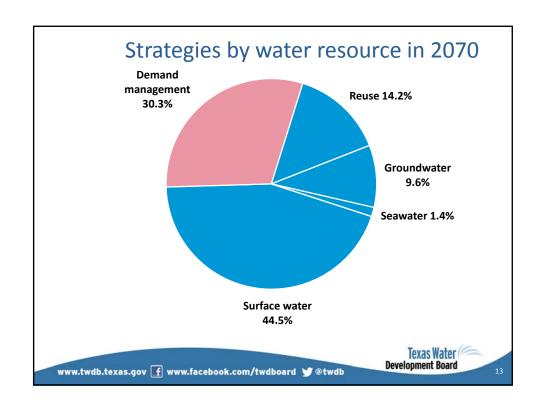


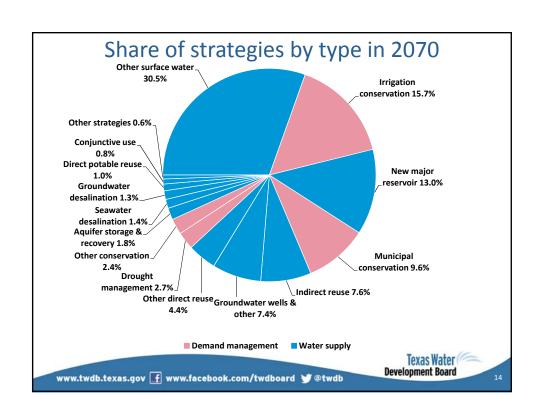








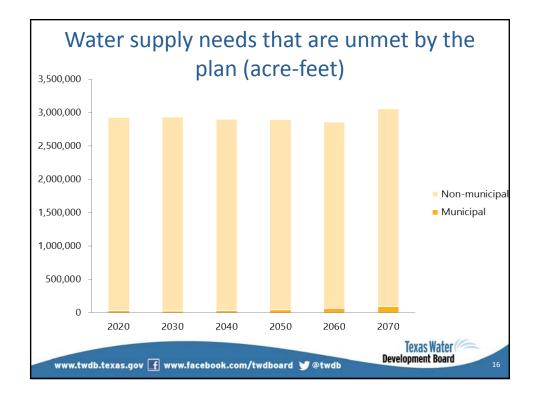




Conservation

- Conservation makes up 28% of total 2070 strategies volume with approximately:
 - -811,000 AF/YR in municipal conservation
 - **−1.3** million AF/YR in irrigation conservation
 - -203,000 AF/YR other conservation
- Over \$3 billion in capital costs associated with conservation savings
- Recommended for over half of the 2,600 water user groups

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\$73 billion lost annual income - 2020

\$151 billion lost annual income - 2070

lost jobs: 424,000 - 2020

lost jobs: 1.3 million - 2070





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Cost of the plan

Capital cost of \$62.6 billion 2,400 recommended projects

Reported need of \$36.5 billion from state financial assistance programs

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Policy recommendations



- 5 unique stream segments
- 11 unique reservoir sites
- Timing of joint groundwater and regional water planning processes

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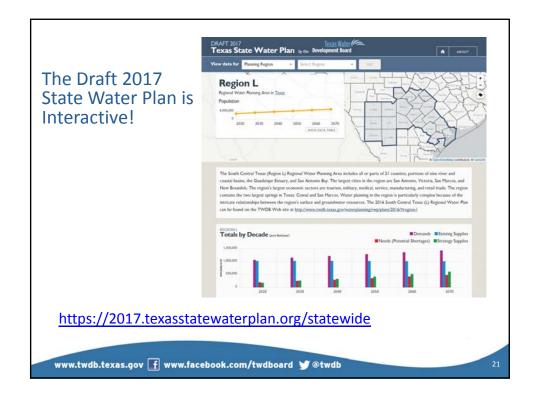
Texas Water Development Board

Timing of joint groundwater planning and regional water planning processes

- the next set of desired future conditions be <u>adopted</u> collectively by the district representatives of each groundwater management area by January 5, 2022 (and every five years thereafter), and
- require that the regional water plans under development as of that same date be consistent with those adopted desired future conditions in effect on that date.

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Texas Water Development Board







- Public comments & public hearing
- Consider comments
- Board consider adoption of the 2017 State Water Plan
- Graphically enhance, publish, and deliver plan to Governor and Legislature







Population and Water Demand Projections - 2021 Regional Water Plans

Kevin Kluge

Water Use Survey, Projections & Planning



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Texas Water Development Board

Projections Development

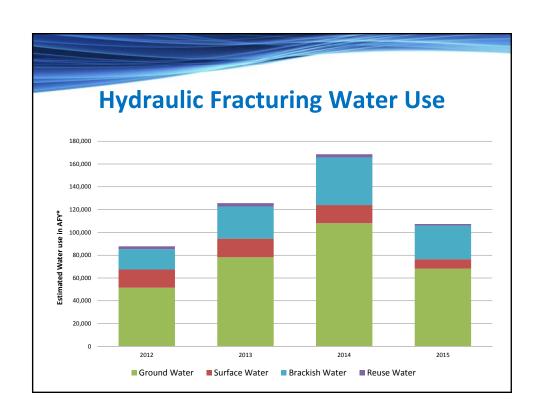
- Irrigation
- Livestock
- Manufacturing
- Mining
- Steam-Electric Power
- Population
- Municipal

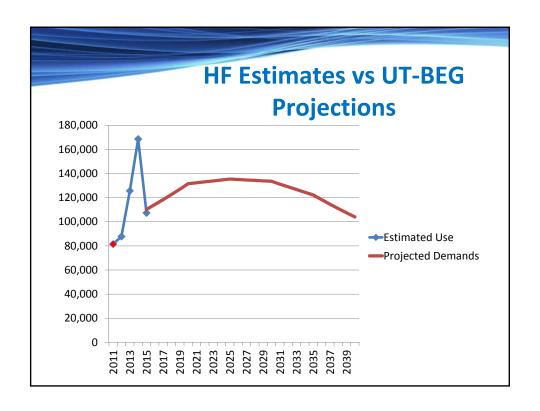
Irrigation, Manufacturing, and Power

- Peer-Review of Methodology (CDM Smith)
 - Review current TWDB methodology and others
 - Recommend improvements
 - Final Draft, April 30th

Livestock and Mining

- Livestock Water Demands
 - 2017 SWP Projections as Draft 2022 Projections
 - Will provide any new per-head usage numbers to regions for revision
- Mining
 - 2012 UT-BEG study
 - Projections could vary dramatically





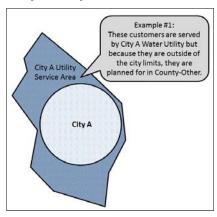
Population and Municipal

- Historically, projections for pop and demands associated with city limits.
- 2007 SWP added non-city water utilities and groups of utilities.

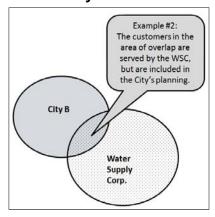
Problem: Utility service areas don't follow city boundaries.

Problems in Planning

City Utility



WSC Utility



Solution: Utility Water Planning

- <u>Population</u> permanent resident population served w/in utility service area.
- Water Demand volume to serve utility's retail customers (minus large industrial)
- Adjustments to some will be minimal, some more substantial

Benefits

- Better continuity of information:
 - Historical use volumes → future demands
 - Current water source → existing water supplies
 - Water loss audit & conservation plan → water management strategies
 - Strategies & projects → financial-assistance application
 - Potential for smaller rural utilities

Changes

- Names will change: San Antonio → San Antonio Water System
- Some communities will be represented differently
- Annual pop. estimates for water systems and utilities

Some Things Won't Change

- Non-municipal water user groups will not be impacted.
- Data and basic steps to develop regional plans will remain the same.
- Use of grouped utilities (Collective Reporting Units) will continue.

Tentative Projections Timeline

- July 2016 List of new Municipal WUGs
- Oct-Dec 2016 Draft Pop, Mun, Livestock
 & Mining Demand Projections
- June 2017 Draft Irr, Mfg & Pwr Demand Projections (subject to peer-review results)
- July 2017 Post historical GPCD

Tentative Projections Timeline

- January 2018 Deadline for adjustment requests.
 - Review by Coordination Agencies (TCEQ, TDA, TPWD, TWDB)
- March 2018 Projections to Board
- March 2020 Draft plans due



Agenda Item 5. Discussion and Possible Action Regarding Region L 2021 Plan Enhancement Process

2021 Plan Enhancement Process Schedule			
	The appropriateness and adequacy of how demand and need are determined.		
May 2016	The role of regional water planning groups in influencing population growth and land use.		
	Defining conflicts of interests of planning group members		
August 2016	The role of regional water planning groups in influencing water development plans of water suppliers.		
	The role of regional water planning groups in influencing permitting entities.		
	The adequacy of evaluating the Plan's effects on freshwater inflows to San Antonio Bay.		
November 2016	The adequacy of environmental assessments of individual WMS's.		
	A set of guiding principles to serve as a blueprint for long-term water sustainability.		
	How Water Management Strategies are categorized; e.g. Recommended, Alternate, Needing Further Study.		
February 2017	The extent to which innovative strategies should be used.		
	Maintaining management supplies while avoiding "over planning".		
	Identifying special studies or evaluations deemed important to enhance the 2021 Pla and identification of outside funding source		
Other	Address the role of reuse within the regional water plan.		
	Any other subjects that the planning group agrees to address.		

Agenda Item 6. Other Business/ New Business Agenda Item 7. Adjourn