



c/o San Antonio River Authority
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EXECUTIVE COMMITTEE

Suzanne Scott
Chair / River Authorities
Tim Andruss
Vice-Chair / Water Districts
Gary Middleton
Secretary / Municipalities
Donna Balin
At-Large / Environmental
Adam Yablonski
At-Large/ Agriculture

MEMBERS

Gene Camargo
Water Utilities
Rey Chavez
Industries
Alan Cockerell
Agriculture
Will Conley
Counties
Don Dietzmann
GMA 9
Art Dohmann
GMA 15
Blair Fitzsimons
Agriculture
Vic Hilderbran
GMA 7
John Kight
Counties
Russell Labus
Water Districts
Glenn Lord
Industries
Doug McGookey
Small Business
Dan Meyer
GMA 10
Con Mims
River Authorities
Iliana Peña
Environmental
Robert Puente
Municipalities
Steve Ramsey
Water Utilities
David Roberts
Small Business
Roland Ruiz
Water Districts
Diane Savage
GMA 13
Greg Sengelmann
Water Districts
Thomas Taggart
Municipalities
Dianne Wassenich
Public
Bill West
River Authorities
Kevin Janak
Electric Generating/Utilities

DATE: April 28, 2016

TO: Members of the South Central Texas Regional Water Planning Group

FROM: Steven J. Raabe, P.E.

The schedule and location of the meeting of the South Central Texas Regional Water Planning Group is as follows:

TIME AND LOCATION

Thursday, May 5, 2016
9:30 a.m.
San Antonio Water System
Customer Service Building
Room CR C145
2800 US Highway 281 North
San Antonio, Bexar County, Texas 78212

Enclosed is a copy of the posted public meeting notice.

Steven J. Raabe, P.E.
SJR/ccr

Enclosure

**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.

Agenda Item No. 1:

Public Comment

Agenda Item No. 2:

Recess SCTRWPG meeting

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

Reconvene SCTRWPG meeting

From: [TB](#)
To: feedback@RegionLTexas.org
Subject: 2021 PrePlan Comments
Date: Sunday, April 24, 2016 8:16:41 AM

Steven J. Raabe
Administrative Agent for Region L
Email: feedback@RegionLTexas.org

Dear Mr. Raabe:

I write as Chair of the local Alamo Group of the Sierra Club. I appreciate the opportunity to provide preplanning comments on the development of the 2021 Regional Water Plan for Region L. I submitted comments last year on the development of the 2016 Plan, now finalized. Some of my comments may be redundant.

I believe the State Water Plan process is a commendable and effective process and support your efforts. Clearly, improvements in ground water and surface water law would be helpful for better managing this limited critical resource. The Ground Water Conservation District system also could be strengthened. Under current realities and regulations your efforts produce important and valuable results and help our region.

I do think it important to revise some critically important parts of the preplanning document:

1. Per capita water consumption estimates remain far too high throughout the planning period (2020 to 2070). Quick calculations in various places translate from acre-feet and population estimates to 123-135 gallons per person per day. This is probably double what is attainable right now. In other words, your total water needs could probably drop from 754,000 acre feet per year to no more than 400,000 for municipal needs. Your conservation and efficiency goals are far too conservative and should be much more aggressive. Storm water capture and rainwater harvesting are not even mentioned in your "recommended water management strategies". There is a huge untapped potential for this in our area prone to thunderstorms and flash flooding.
2. Your proposal for seawater desalination acknowledges the serious environmental risks that this could pose to the environment of our GBRA estuaries and coastal waters. The idea of pumping this water up hill to Bexar County when such expensive, energy intensive, environmentally harmful technology is not necessary—this idea should be abandoned.
3. In contrast, you seem to undervalue brackish desalination right here in the Bexar County region.
4. Your discussion of the Vista Ridge project acknowledges many environmental and regulatory risks. It makes clear that VR plans for 50,000 AFY exceed the MAG limits on the Carrizo Wilcox. While you concede that the GWCDs do not have to abide by the MAG limits, it seems to us that VR is unacceptable in its current design because of not only its environmental risks as you describe, but also clearly because it over utilizes the available resource. It should not be

included in your plan.

5. Your plans for new surface water reservoirs seem misguided. The evaporation losses are unacceptable. Instead, the emphasis should be on storm water capture, reduced impermeability cover, aquifer protection and improved recharge, ideas which are barely or not at all discussed.

Thank you for the opportunity to participate in the process of the development of the 2021 Region L Water Plan.

Sincerely,

Terry Burns, M.D.
Chair, Executive Committee
Alamo Group Sierra Club

May 2, 2016

Region L Planning Area Voting Members
c/o Cole Ruiz, Intergovernmental Relations Coordinator
San Antonio River Authority
100 East Guenther
San Antonio, TX 78204

Re: PUBLIC INPUT ON THE SCOPE OF WORK FOR THE FIFTH REGIONAL WATER PLANNING CYCLE (2017-2021)

Chair Suzanne Scott and Region L Members:

Thank you for offering me the opportunity to present a proposal regarding the scope of activities to be considered during the fifth cycle of regional water planning.

BACKGROUND AND INTRODUCTION

Rainwater collection for domestic, potable water supply has come of age and is **the most promising and efficient innovative water supply option for low density areas** where municipal or private water supply systems are impractical or unavailable. With modern technology and proper design, rainwater collection systems can provide a reliable, pure drinking water supply that eliminates the need for a water well – that added straw into our already over-stressed aquifers.

Thousands of homes in the Texas Hill Country are served by rainwater collection systems. A thriving industry has sprung up in the past decade to design, install, supply, and service rainwater collection systems. I personally converted from a water well in 2009, built a rainwater system with adequate collection and storage capacity, and have gone through every drought since then with capacity to spare. I, like many others using rainwater, consider it far superior to well water which typically contains high concentrations of dissolved minerals that damage water lines and appliances and requires extensive treatment before being usable. Now we are learning that other contaminants in well water may include arsenic and migrating nitrogen from fertilizer. Rainwater collection systems have very low energy demands and approach almost zero loss due to leakage and evaporation.

We all recognize that groundwater contained in our aquifers is a shared resource and is an important source of water that must be used **sustainably** to be available for future generations. Groundwater feeds our Texas Hill Country springs, our creeks and rivers, and supports our wildlife, as well as serving the needs of a growing Texas population and our important farm and ranch operations.

We must take actions that help to preserve our groundwater supplies and reduce the number of straws that dip into the aquifer and further deplete that resource. Rainwater collection for domestic water supply is an innovative water management strategy that can help to achieve that goal.

PROPOSAL: A TEXAS RAINWATER INITIATIVE FUND – THE “RAIN” FUND

GOAL – Create a self-renewing fund to assist Texas counties and their citizens with developing rainwater collection systems that provide a reliable, pure domestic water supply and help to reduce use of groundwater.

METHOD – Initiate an innovative water management strategy that would provide funds for Texas counties to incentivize the installation of rainwater collection systems for domestic water supply.

1. Make available to each Texas Hill Country county a no-interest loan in the amount of \$3,000,000 to \$5,000,000 to establish a Rainwater Initiative Fund (the “RAIN” FUND).
2. The Rain Fund loan would be administered by each county as a revolving loan program available to area citizens desiring to install a domestic rainwater collection system, either new or converting from well supply.
3. Citizens would be offered, by each participating county, no-interest or low-interest loans up to \$20,000 toward the cost of the desired rainwater system with a repayment schedule not to exceed ten years.
4. Repayment of the loan would be by county tax and administrative assessment paid with ad valorem tax.
5. As loan payments are tendered back to the county, more rainwater incentive loans would be offered to citizens.
6. Require that rainwater collection systems for domestic water supply be properly designed and installed by qualified professionals affiliated with the American Rainwater Catchment Systems Association (ARCSA) and/or the Texas Rainwater Catchment Association (TRCA).
7. Within each county, establish an administrative oversight committee to direct and manage use of the RAIN FUND and provide annual reports to the Texas Water Development Board.
8. At the end of 20 years of the RAIN FUND program, determine if counties should be allowed to continue the program or begin repayment of the TWDB loan as funds are repaid by loan recipients.

References:

1. Hays County Rainwater Initiative Fund approved conceptually by the Hays County Commissioners Court in 2014, but unfunded due to loss of funding source.
2. PEC’s Empower Loans to individual customers for up to \$20,000 for installation of solar electrical power generation systems that help reduce peak demand on the PEC grid.

Please review this proposal and consider putting it into the 2017-2021 Regional Water Planning Cycle.

Respectfully Submitted, *James R. McMeans*

James R. McMeans
2000 Fischer Store Road
Wimberley, TX 78676
512-847-6578
jrmcmeans@msn.com

P. O. Box 90747
San Antonio, Texas 78209-9090

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

Re: Preplanning comments for 2021 Texas Water Plan submittal for Region L

Mr. Raabe:

I appreciate the work of the Region L Planning Group members, and thank all of them for their serious consideration and encouragement of comments from members of the public. As a member of Texas Impact/ Interfaith Center for Public Policy, I affirm the comments, concerns and suggestions that we as a group expressed in 2015 in regard to the Region L 2016 Regional Water Plan; and ask that they be considered in the planning process for the Region L 2021 Regional Water Plan.

I believe that these ideas are encompassed in the attached "Water Prayer" which I am submitting in lieu of additional commentary in recognition of the preplanning meeting being held on May 5, 2016, a date also designated as this year's annual National Day of Prayer.

Rachel Cywinski
Region L resident

Water Prayer

Holy Creator:

You brought forth earth and life from waters that covered this planet, and pronounced Creation “good”. Abundant plants provided food for people. Yet they defiled your Creation and brought upon themselves pain in growing food among thorns. The once-abundant dew that watered the ground was replaced by rain and flooding.

The sign of those who obeyed God was to rest one day in seven, and leave their fields fallow every seventh year. Those who owned fields were to leave food for others to glean, to feed the priests and honor God with a tenth. Every 50 years all debts were forgiven and the land reverted to the original owners.

Today we are challenged to find this rest. This rest requires us to trust and rely on you and not ourselves and our own strivings for our needs. This rest requires us to acknowledge that what we have is not our own, but yours. This rest requires that we acknowledge the rights of others to live equally in your blessing.

You provided water, the most basic component and need of our bodies. You provided Living Water that Jesus offered to all. The water that you gave us is still here on this planet.

Yet we have often not appreciated this blessing. We have polluted the water. We have not given rest to the fields which provide us food. We have manipulated and destroyed much of the creation which testifies to your glory, with monuments to ourselves. In so doing, we have altered the hydrologic cycle, caused flooding and drought, and poverty.

When we misuse the water you gave us, we cry “Give us rain!” Yet when the rains fall on the earth we have covered with concrete, asphalt and our other monuments to ourselves, we cry for relief from flooding. How long will you tolerate us, God?

Forgive our sins and heal us. Our land is plagued with problems because of our arrogance and waste. Your Creation brought you glory, yet we have perverted it in attempts to glorify ourselves. Let it not be too late, Lord. We have wasted and lost much, but we earnestly repent and ask for your mercy.

Lord, help us. Help us, when we feel angry and betrayed by those upstream for hoarding what we think belongs to use, to ever remember there is always someone downstream from us as well. May we fulfill the words of Jesus to treat those downstream as we would want those upstream to treat us.

Help us, Lord, as we recognize that your Creation was your glory. We recognize our part in your Creation and bring you glory. May we ever be mindful that robbing creation of water for ourselves is our attempt to displace you of your own glory. We acknowledge

that we are but part of Creation and the glory belongs to you. Please help us, Lord, to be the stewards you called us to be.

We thank you, Lord, for the water that sustains us, for the Living Water that bridged the gap to bring us back to you, and for the gift of life you have bestowed upon us. May we live in partnership with you as stewards of your Creation.

Amen.

-written by Rachel Cywinski

Agenda Item No. 3:

Approval of the Minutes from the February 11, 2016,
Meeting of the South Central Texas Regional Water
Planning Group (Region L)

**Minutes of the
South Central Texas Regional Water Planning Group
February 11, 2016**

Chairman Con Mims called the meeting to order at 9:30 a.m. in the San Antonio Water System's (SAWS) Customer Service Building, Room CR 145, 2800 US Highway 281 North, San Antonio, Bexar County, Texas.

26 of the 30 voting members, or their alternates, were present.

Voting Members Present:

Tim Andruss
Donna Balin
Gene Camargo
Patrick Garcia for Ray Chavez
Alan Cockerell
Don Dietzmann
Vic Hilderbran
Kevin Janak
John Kight
Russell Labus
Glenn Lord
Doug McGooky
Dan Meyer

Gary Middleton
Con Mims
Robert Puente
Iliana Pena
Steve Ramsey
Roland Ruiz
Dianne Savage
Suzanne Scott
Greg Sengelmann
Thomas Taggart
Dianne Wassenich
Bill West
Adam Yablonski

Voting Members Absent

Will Conley
Art Dohmann
Blair Fitzsimons
David Roberts

Non-Voting Members Present:

Temple McKinnon, Texas Water Development Board (TWDB)
Marty Kelley, Texas Department of Parks and Wildlife

Non-Voting Members Absent:

Dan Hunter, Texas Department of Agriculture
Norman Boyd, Texas Department of Parks and Wildlife
Ronald Fieseler, Region K Liaison
Charles Wiedenfeld, Region J Liaison
Steve Ramos, TCEQ – South Texas Watermaster Specialists

Beginning with the February 11, 2016, meeting of the South Central Texas Regional Water Planning Group, all recordings will be available for the public at www.regionltexas.org.

AGENDA ITEM NO. 1: PUBLIC COMMENT

No comments were made.

AGENDA ITEM NO. 2: APPROVAL OF MINUTES FROM THE SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP'S MEETING ON NOVEMBER 5, 2016

Chairman Mims asked for a motion to approve the meeting minutes from the South Central Texas Regional Water Planning Group (Region L) meeting on November 5, 2015. Dianne Wassenich made the motion. Gary Middleton seconded the motion. There were no objections. The motion passed by consensus.

AGENDA ITEM NO. 3: ELECTION OF OFFICERS AND EXECUTIVE COMMITTEE FOR CALENDAR YEAR 2016

Chairman Mims opened the floor for nominations to fill the Executive Committee positions for calendar year 2016, beginning with Chair. Diane Wassenich motioned to nominate Suzanne Scott to sit as Chair. Robert Puente seconded the motion. There were no objections. The motion passed by consensus.

Mr. Mims asked for nominations to fill the Vice-Chair position. Kevin Janak nominated Tim Andruss. Bill West seconded the nomination. There were no objections. The motion passed by consensus.

Mr. Mims asked for nominations to fill the Secretary positions. Bill West nominated Gary Middleton. Kevin Janak seconded the nomination. There were no objections. The motion passed by consensus.

Mr. Mims asked for nominations to fill the first of two At-Large Executive Committee positions. Robert Puente nominated Adam Yablonski. Iliana Pena nominated Dianne Wassenich. Bill West nominated Glenn Lord. Mr. Mims called for a vote where each voting member present chooses one of the aforesaid candidates. Voting was conducted by ballot. Per the Bylaws, a candidate must achieve a majority votes of total voting members (at least 16 votes) (*see South Central Texas Regional Water Planning Group Bylaws, Article VIII Section 2*). After two voting bouts, Adam Yablonski was confirmed by affirmative vote.

Mr. Mims asked for nominations to fill the second At-Large Executive Committee positions. Suzanne Scott nominated Dianne Wassenich. Bill West nominated Kevin Janak. Mr. Mims called for a vote. After two voting bouts, neither candidate reached the 16 affirmative votes required for election. Mr. Mims suggested moving the vote to the May meeting when more voting members were present. There were no objections. It was settled that Donna Balin would remain in the second At-Large position on the Executive Committee until a replacement is elected.

Newly elected officers took their positions at the head table, and Suzanne Scott chaired the remainder of the meeting.

AGENDA ITEM NO. 4: STATUS OF EDWARDS AQUIFER HABITAT CONSERVATION PLAN (HCP) – NATHAN PENCE, EXECUTIVE DIRECTOR EAHCP

Nathan Pence gave a brief update on the status of the Edwards Aquifer Habitat Conservation Plan (HCP), saying that the status is very positive. In terms of habitat restoration, the HCP has achieved all tasks required thus far. There will be future habitat restoration tasks, but the HCP is on schedule. Additionally, the spring flows protection component of the HCP is comprised of four

programs. The Critical Period Management program (stage drought reduction) is in place. The Aquifer Storage and Recovery (ASR) program still needs work before goals are met. Currently the Edwards Aquifer Authority (EAA) has 20,000 acre-feet of the recommended 50,000 acre-feet leased or under forbearance agreements as part of the ASR program. Mr. Pence noted that in the first two months of 2016, the ASR program has already accomplished more than it did in 2015. With regard to the Regional Water Conservation Program, the EAA and the San Antonio Water System (SAWS) executed a contract to repair leaks on the SAWS distribution system. The repairs will equal approximately 19,000 acre-feet of conserved water, 10,000 of which will go into the groundwater trust thereby fulfilling the program requirement. With respect to the last of the four spring flow protection programs, close to 41,000 acre-feet have been dedicated under the Voluntary Irrigation Suspension Program Option (VISPO), thereby fulfilling the program requirements.

Additionally, Mr. Pence noted that the monitoring programs were in place, including the Modflow hydrological model, which the EAA uses for planning. The model is currently being calibrated and is still about one year from being put to use. The ecological model, is closed to being complete as well.

With regard to Refugia, Mr. Pence noted that the EAA is currently receiving bids to implement the Refugia program in compliance with its Incidental Take Permit.

Overall, the HCP is in on track, but needs focus in the areas of ASR and Refugia.

Chairwoman Scott asked whether EAA offered tours of the habitat restoration conducted in pursuit of the HCP. Mr. Pence confirmed that they did, and offered to get with the Administrator to set something up for the planning group members.

AGENDA ITEM NO. 5: 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)

Suzanne Scott briefed the planning group on recent developments with respect to the BBASC, noting that the BBASC had selected 3 studies to conduct with the biennial funding provided by the Texas Water Development Board to validate the environmental flows standards. A workgroup was chosen to develop a recommendation on how to allocate funds. The workgroup recommended continuing the funding of two studies, and funding a new study in the order prioritized below.

1. Focal species, blue crab and shrimp additional modeling (\$99,968) (continuation)
2. Instream flow studies, continued (TWDB \$215,000 / SARA contribution \$60,000 (continuation)
3. USGS flow and sediment loads at estuarine gauge (\$62,500) (new study)

Contracts with the three science teams are in the negotiation stage.

AGENDA ITEM NO. 6: TEXAS WATER DEVELOPMENT BOARD (TWDB) COMMUNICATIONS

Temple McKinnon, Texas Water Development Board (TWDB), introduced Ron Ellis as the new TWDB liaison to Region L.

Ron Ellis provided information as to his background and then gave a general update on TWDB matters. Mr. Ellis informed the planning group that Peter Lake was appointed as a Director on the TWDB Board on December 15, 2015.

Additionally, Mr. Ellis provided information specific to the application timeline for SWIFT funding and the Fifth Cycle of water planning (detailed slides are provide in the agenda packet for February 11, 2015, at www.regionltexas.org). Mr. Ellis also notified the planning group that TWDB has the opportunity to provide a training program for new planning group members. Mr. Ellis asked for input from current planning group members on what they would prefer to hear about and when a good time would be to hold such a training. Chairwoman Scott suggested holding that training at the August 2016 meeting, when a number of planning group members will be up for reappointment.

Mr. Ellis also informed the planning group that a letter detailing changes to TWDB rules is forthcoming to effectuate recent legislation, clarify current rules, and update standards. Therefore, TWDB will be seeking comments on those rule proposals in the coming months. The process by which the TWDB proposes rule changes requires an approval of any rule changes by the Board, and entails publishing those changes for public comment. Upon Board approval of any changes, a public comment period will be triggered where TWDB will solicit comments from stakeholders, including full Regional Water Planning Groups (RWPG) and individual entities.

Mr. Ellis continued, notifying the planning group that TWDB is looking at providing funding for region specific studies, but that – at this point – TWDB does not know what that type of funding will look like. There will be more information on this provided when it becomes available.

Mr. Ellis reminded the planning group of deadlines relating to the 4th Cycle of water planning. Mr. Ellis added that, under the 5th Cycle contract, the planning group still needs to hold a pre-planning public meeting and procure consultants before spending any 5th Cycle funds.

Mr. Ellis briefed the planning on 5th Cycle projections. TWDB is changing the population and municipal water demand projections to be based on water provide service areas instead of political boundaries (called utility-based planning). These projections will be effective for the 2021 Regional Water Plan (RWP) and the 2022 State Water Plan (SWP). Additionally, methodologies currently being used to develop power generation, irrigation, and manufacturing projections are currently being peer reviewed. Any changes to those methodologies will be disclosed when those changes are implemented. With regard to mining and livestock projections, TWDB is looking at two options: either 1) a direct roll over from the 2016 RWP, or 2) using trends based on recent historical use. Regarding population projects, TWDB plans to start with final population number from Database 17 (DB17). *A full timeline for projections is provided in the agenda packet for February 11, 2016.*

AGENDA ITEM NO. 7: CHAIRS REPORTS

No update was provided.

AGENDA ITEM NO. 8: DISCUSSION AND APPROPRIATE ACTION REGARDING SUFFICIENT FORM AND LEVEL OF DETAIL FOR REGION L MEETING MINUTES

Agenda item No. 8 was moved to after Agenda Item 11.

AGENDA ITEM NO. 9: DISCUSSION AND APPROPRIATE ACTION REGARDING CONFLICTS OF INTEREST WITH RESPECT TO CONSULTANTS FOR THE REGION L PLANNING GROUP

Cole Ruiz, San Antonio River Authority, explained the purpose of Agenda Item No. 9, indicating that the issue of conflicting interests was born from the public comment period following the adoption of the Region L 2016 Initially Prepared Plan. The planning group took action at its meeting on November 5, 2015, to require future technical consultants to disclose all contractual relationships they have or enter into during the life the planning contract for the Fifth Cycle. Mr. Ruiz explained that the discussion was left somewhat open in consideration of the imminent selection of consultants for the Fifth Cycle of water planning (see Agenda Item No. 10 of these minutes). The purpose of Agenda Item No. 9 is to lay to rest any lingering thoughts related to the conflicts of interest issue with respect to the selection of consultant for the Fifth Cycle of water planning. Mr. Ruiz added that both consultant teams were prepared to discuss ongoing contractual relationships they have with current Region L members, and had submitted such as part of their proposal packages.

Dianne Wassenich briefed the planning group on a white paper written by Norman Johns that discusses the relationships between technical consultants and member entities in the water planning arena, and speaks to potential conflicts of interests.

Discussion ensued about the nature of “legal conflicts of interests” and “perceived conflicts of interest,” which involved discourse over what is legally required and what should be the ethical practice of the technical consultant with respect to any contractual relationships it may have with planning group member entities.

Planning Group members generally agreed that the best practice was to require the consultant to disclose contractual relationship with Region L member entities, and to do so throughout the life of the contract for the Fifth Cycle of water planning.

AGENDA ITEM NO. 10: DISCUSSION AND APPROPRIATE ACTION REGARDING THE SELECTION OF CONSULTANTS FOR THE DEVELOPMENT OF THE REGION L 2021 REGIONAL WATER PLAN

Chairwoman Scott provided the procedure by which the proposing consultant teams would present to the planning group. Each team was allotted 20 minutes, with an unlimited time for question and answers following. The Alan Plummer Associates, Inc. team would present first, followed by the Black and Veatch team. Each team would leave the room while the other team presented. Both teams would return to witness the deliberation and selection by the planning group after the presentations were completed.

Adam Yablonski and Steve Ramsey recused themselves from the vote for having potentially conflicting relationships with the teams.

Alan Plummer Associates, Inc. presented, followed by a questions and answer segment, as

outlined above.

Black and Veatch presented, followed by a questions and answer segment, as outlined above.

For a recording of the full discussion, please refer to <http://www.regionltexas.org/2016-rwpg-materials/>; see also: https://www.youtube.com/watch?v=Lh0h1cZyh_Y&feature=youtu.be.

After both teams presented, Chairwoman Scott called for a vote by ballot. After two voting bouts, a majority of the full planning group (16 of 30 votes) selected Black and Veatch.

AGENDA ITEM NO. 11: DISCUSSION AND APPROPRIATE ACTION AUTHORIZING THE ADMINISTRATOR TO NEGOTIATE AND EXECUTE CONTRACTS WITH CONSULTANTS FOR THE DEVELOPMENT OF THE REGION L 2021 REGIONAL WATER PLAN

Chairwoman Scott asked for a motion to authorize the Administrator to negotiate and execute contracts with the consultants for the development of the Region L 2021 Regional Water Plan.

Gary Middleton made the motion to authorize the Administrator to negotiate and execute contracts with Black and Veatch for the development of the Region L 2021 Regional Water Plan, and to negotiate with Alan Plummer Associates, only if negotiations with Black and Veatch were to fail for some unforeseen reason. John Kight seconded the motion. There were no objections. The motion passed consensus.

AGENDA ITEM NO. 8: DISCUSSION AND APPROPRIATE ACTION REGARDING SUFFICIENT FORM AND LEVEL OF DETAIL FOR REGION L MEETING MINUTES

Chairwoman Scott opened the discussion up to the group, asking Con Mims to remind the planning group of the impetus behind Agenda Item No. 12. Mr. Mims noted that the task of minutes, due to the level of detail insisted upon by some planning group members, has become extremely burdensome on the Administrator. The discussion to be had should determine what standard should apply to the Region L meeting minutes, with one extreme being a bare-bones record of actions taken, and the other extreme being a pure transcript. Recently, the minutes have been more akin to a transcript. This agenda item's purpose is to remedy the burden placed on the Administrator for completing transcript-like minutes for meetings that last nearly a full day.

Mr. Mims proposed a solution where the minutes would detail what occurred at the meetings, not what was said. Under Mr. Mims proposal, minutes would include the agenda item, the general positions of the members, the motion and second, and the result. Some exceptions may be made where appropriate. If an individual planning group member wanted their comments recorded in more detail – having access to the recording – they could transcribe that portion of the minutes, sign it, and submit the transcription as an addendum to the minutes.

Discussion ensued. Generally, everyone agreed to Mr. Mims proposal, with the addition of archiving the recording on the Region L website (www.regionltexas.org).

Con Mims motioned to adopt a new standard for the Region L meeting minutes, which would require no more detail than necessary to illustrate the agenda item, the general positions on the subject of discussion, the motion and the second, and the result. Beyond that, Mr. Mims motion

allowed planning group members to easily access the recording, which would be made available on the Region L website, and to transcribe their portion of the recording and submit it as an addendum to the approved minutes after signing it to that effect. Robert Puente seconded the motion. There were no objections. The motion passed by consensus.

AGENDA ITEM NO. 12: DISCUSSION AND APPROPRIATE ACTION REGARDING THE ADMINISTRATOR'S BUDGET FOR CALENDAR YEAR 2016

Cole Ruiz presented the proposed Administrator's Budget for Fiscal Year 2016, which is set at \$58,000, consistent with previous years. Mr. Ruiz also reminded the planning group that the Interlocal Agreement (ILA) between the contributing parties was nearing an end. Thus, a new ILA would need to be reached by the end of the year. Mr. Ruiz indicated that SARA would be soliciting participants and drafting an ILA to that effect in time for the August 2016, meeting.

John Kight motioned to approve the budget. Kevin Janak seconded the motion. There were no objections. The motion passed by consensus.

AGENDA ITEM NO. 13: POSSIBLE AGENDA ITEMS FOR THE NEXT REGION L MEETING

Chairwoman Scott identified several points of discussion for the next Region L meeting, including:

- Issues pertaining to the regional water planning process as identified during the public comment period following the adoption of the 2016 Initially Prepared Plan (IPP). (*see Appendix M, Region L – 2016 Regional Water Plan Appendices*)
- TWDB proposed rules changes
- Begin process of filling the vacant seats of terms set to expire in August 2016 for Region L.
- TWDB utility based projections update.

AGENDA ITEM NO. 14: PUBLIC COMMENT

Chip Dense, Texas Association of Builders, introduced himself to the group and expressed his appreciation for discussion about reaching out to stakeholders.

Suzanne Scott adjourned the meeting.

GARY MIDDLETON, SECRETARY

Approved by the South Central Texas Regional Water Planning Group at a meeting held on February 11, 2016.

SUZZANE SCOTT, CHAIR

Agenda Item No. 4:

Election of Officer to Fill Vacant Executive Committee
At-Large Seat for Calendar Year 2016

Agenda Item No. 5:

Status of Edwards Aquifer Habitat Conservation Plan
(HCP) – Nathan Pence, Executive Director EAHCP

Edwards Aquifer Habitat Conservation Plan Tour Update

- Schedule tour for September or early October 2016 (allows plenty of time for planning and will be when cooler weather returns)
- Tour San Marcos River this year and the Comal River in 2017, rather than doing both in one day.
- The tour would include a half-day session consisting of a field visit and classroom update (informative PPT). There are numerous venues on both rivers that offer that opportunity.
- Potential for the glass bottom boat ride in Spring Lake
- Tour to focus on the field work and efforts made by HCP/EAA on spring flow protection.
- Solicit any specific areas of the HCP that interests Region L members for incorporation during the tour.

Agenda Item No. 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)

Agenda Item No. 7:

Texas Water Development Board (TWDB)
Communications

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
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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.

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Purpose of state water plan

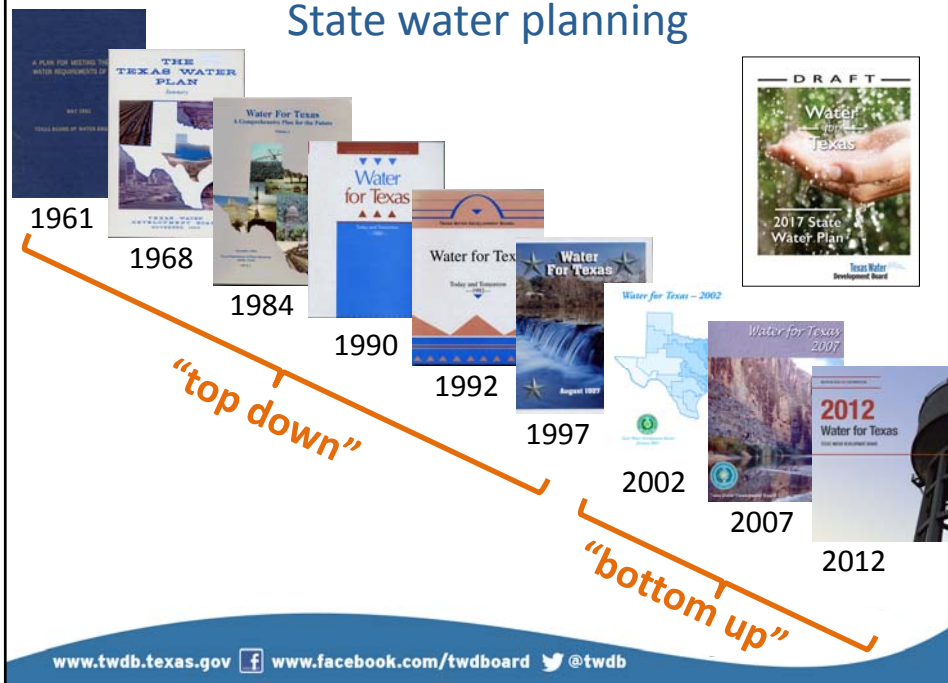
- provide for the orderly development, management, and conservation of water resources,
- prepare for and respond to drought conditions, and
- make sufficient water available at a reasonable cost to ensure public health, safety, and welfare and further economic development while protecting the agricultural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

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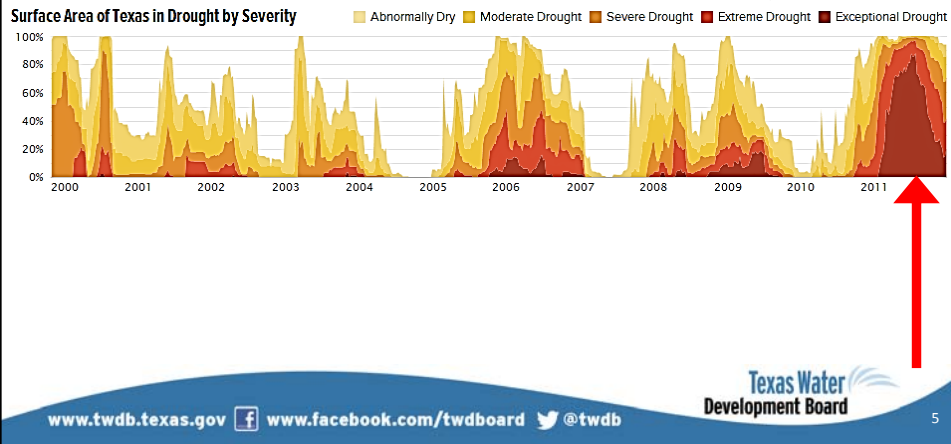
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State water planning

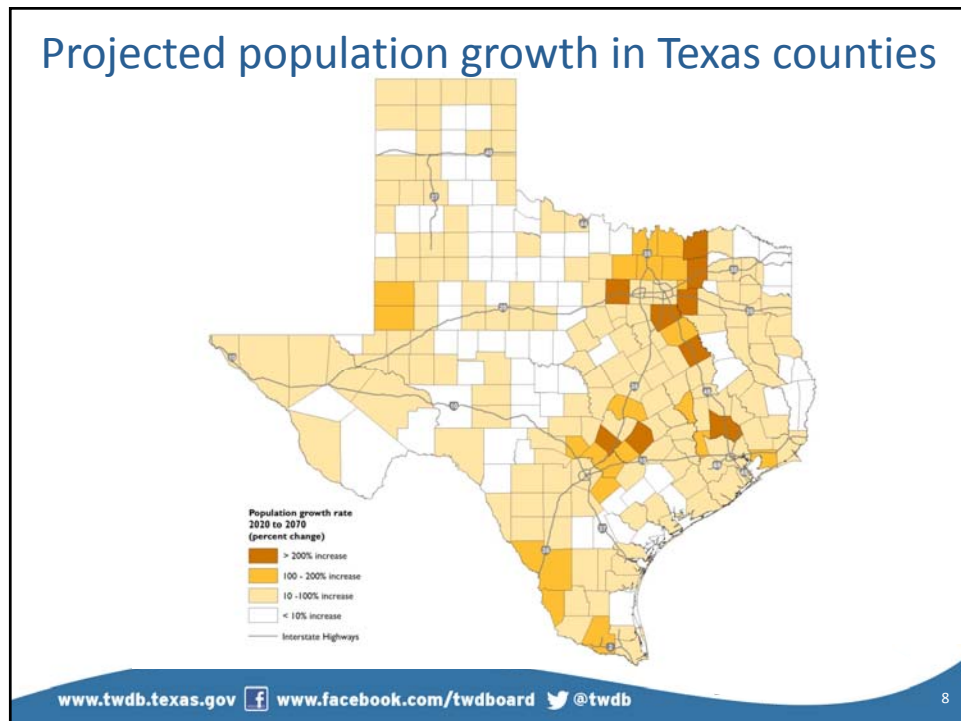
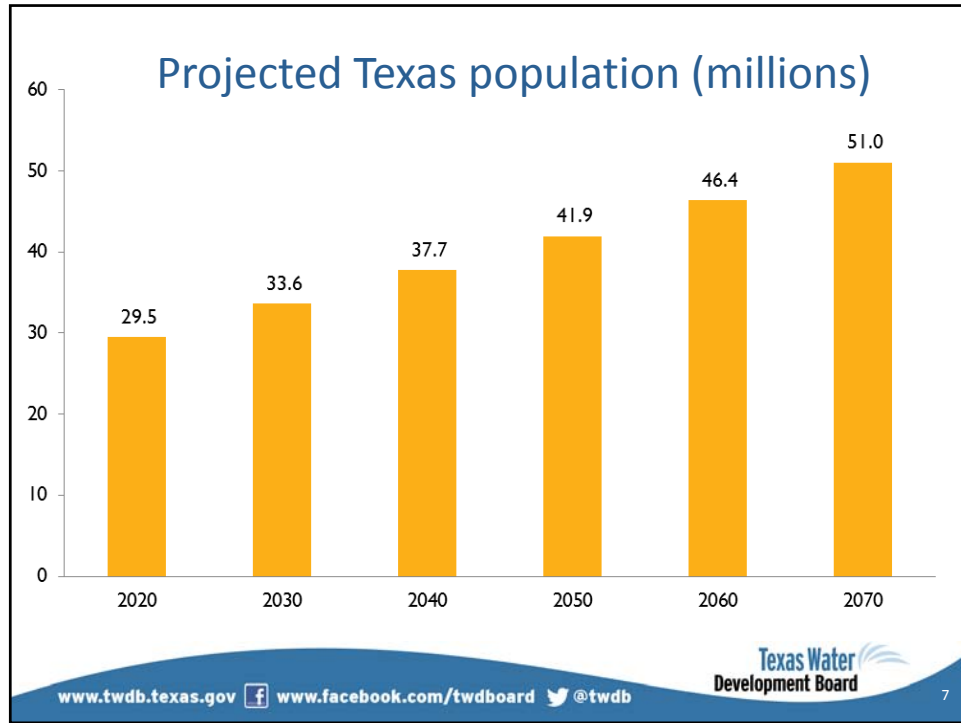


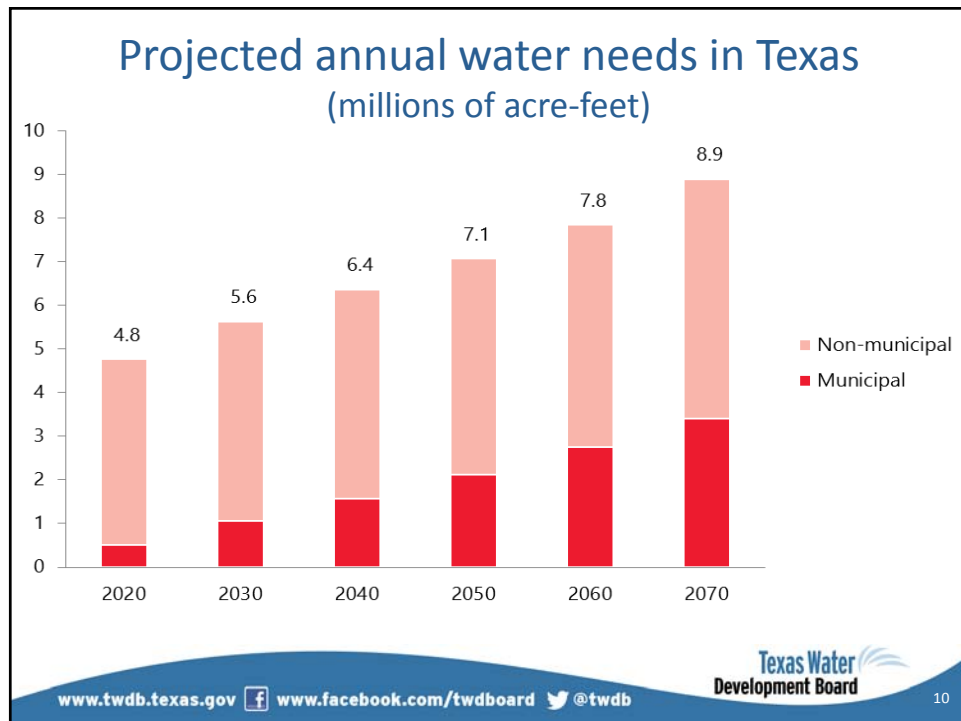
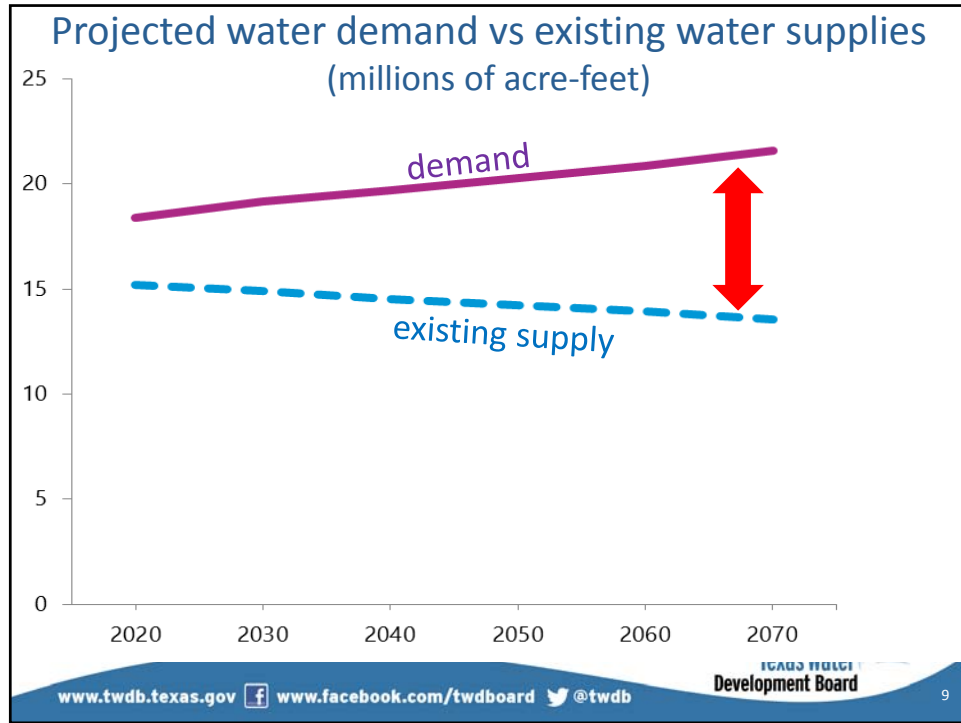
Why do we plan?

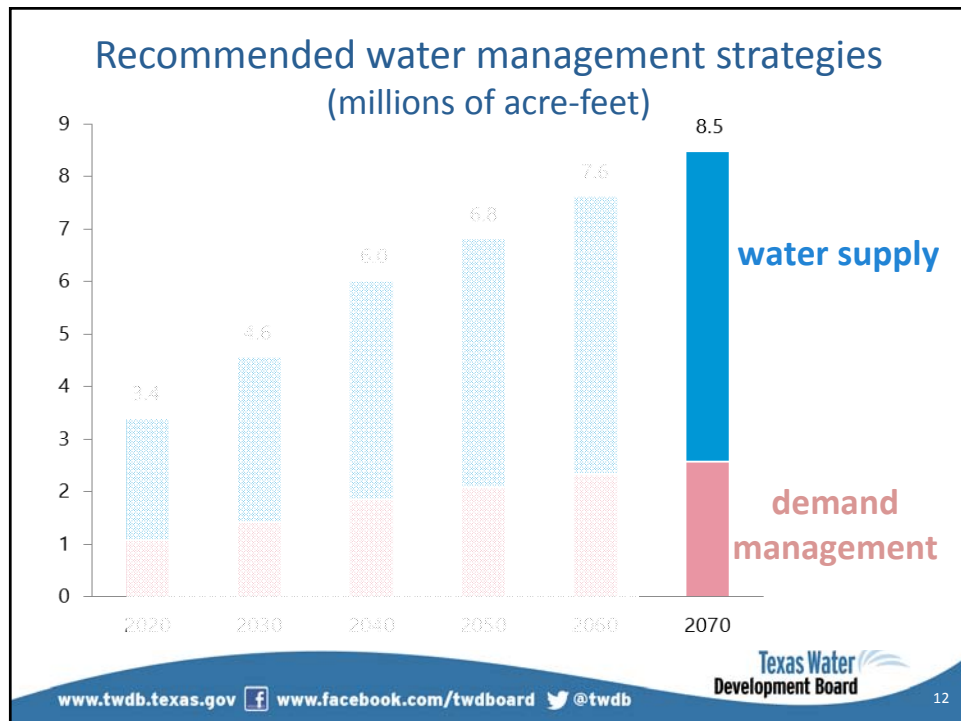
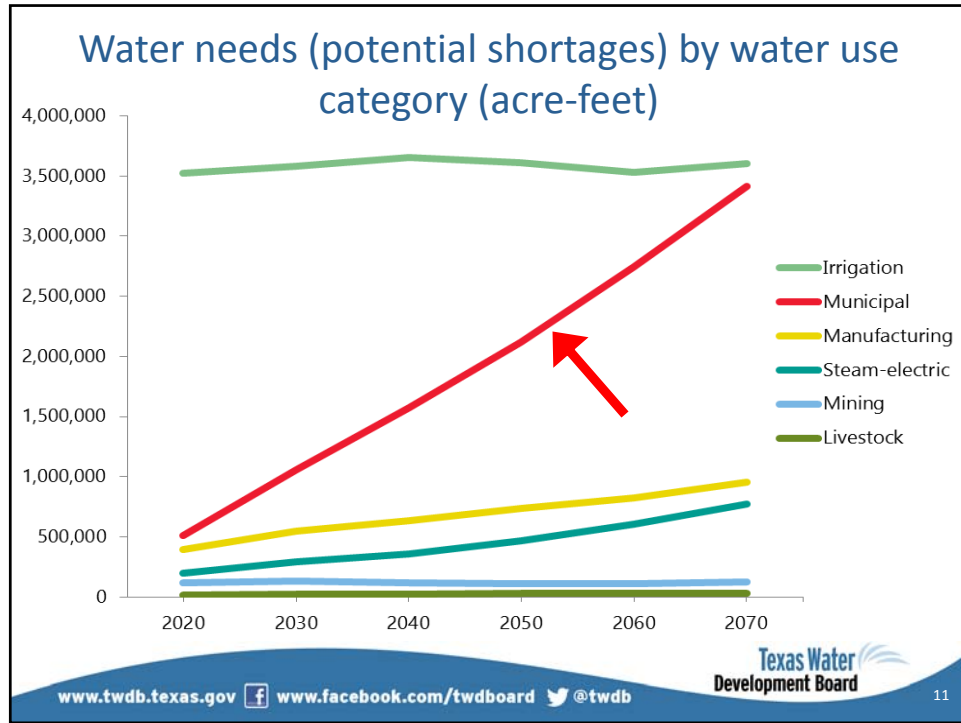


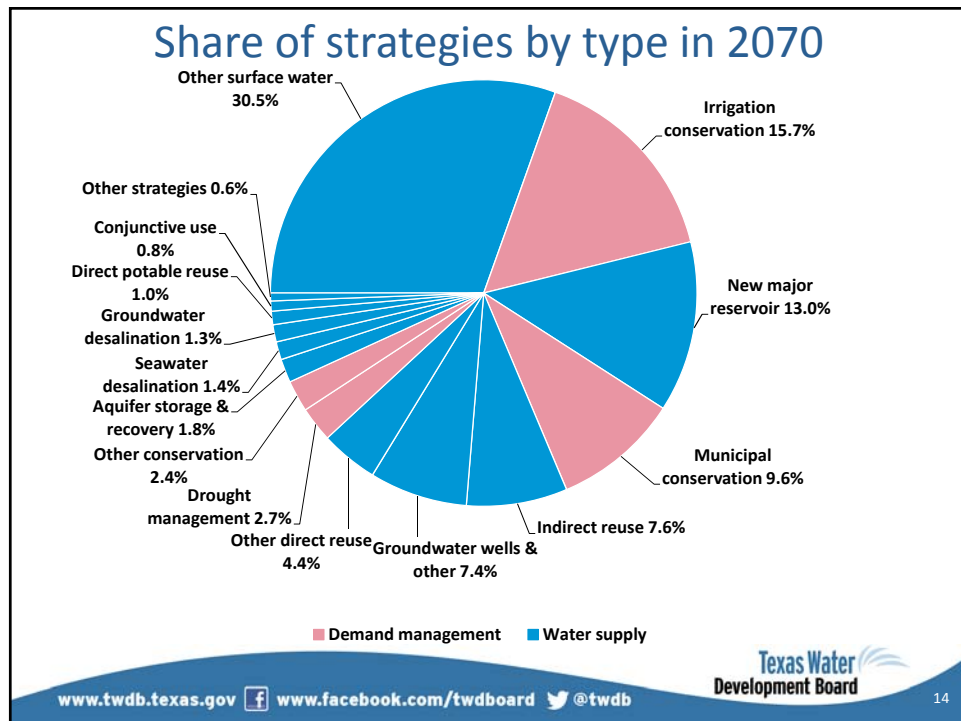
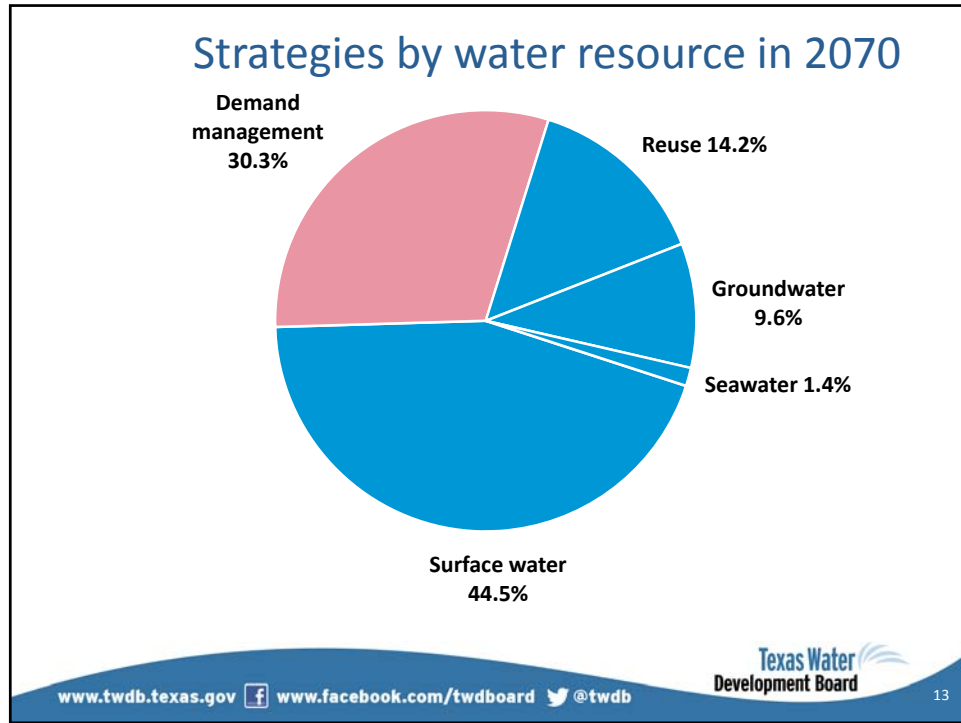
Planning (in a nutshell)

- 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

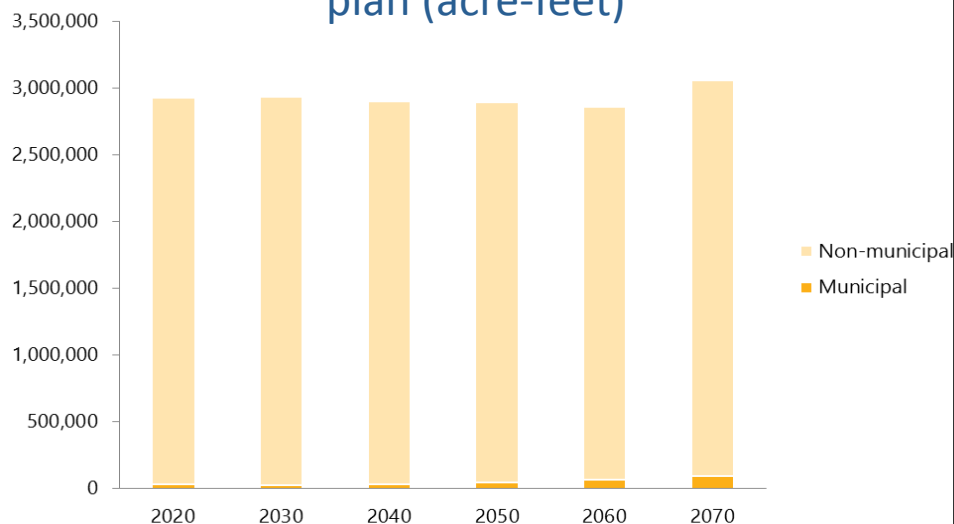
- Conservation makes up 28% of total 2070 strategies volume with approximately:
 - **811,000 AF/YR in municipal conservation**
 - **1.3 million AF/YR in irrigation conservation**
 - **203,000 AF/YR other conservation**
- Over \$3 billion in capital costs associated with conservation savings
- Recommended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

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Water supply needs that are unmet by the plan (acre-feet)



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Cost of not implementing the plan
\$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

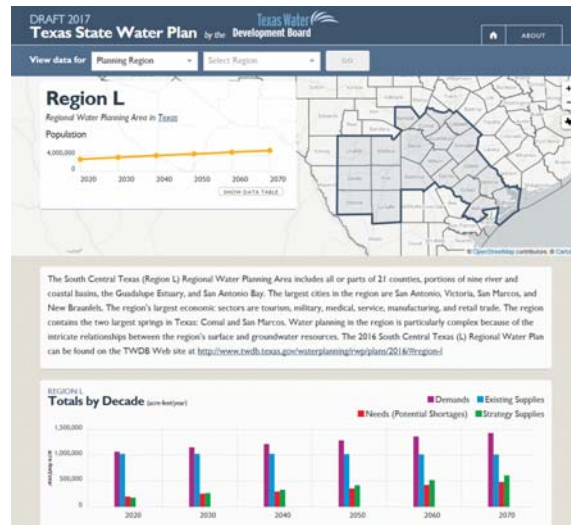


- 5 unique stream segments
- 11 unique reservoir sites
- Timing of joint groundwater and regional water planning processes

Timing of joint groundwater planning and regional water planning processes

- the next set of desired future conditions be adopted 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.

The Draft 2017
State Water Plan is
Interactive!



<https://2017.texasstatewaterplan.org/statewide>

www.twdb.texas.gov www.facebook.com/twdbboard [@twdb](https://twitter.com/twdb)

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Next steps



- 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

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Draft
2017 State Water Plan



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 **WATER** for **TEXAS**
2017 conference

January 24-26, 2017

**AT&T Conference Center,
Austin, Texas**

Hosted by the TWDB

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Agenda Item No. 8:

Chair's Report

Agenda Item No. 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

February 22, 2016

Re: Preliminary Input on Revisions to TWDB Water Planning Rules

Dear Stakeholder,

Texas Water Development Board staff is preparing to propose revisions to 31 Texas Administrative Code (TAC) Chapters 357 and 358. The attached revision topics are being considered to comply with recent legislation, to clarify certain agency planning requirements, or to address stakeholder concerns. The scope of the potential rule revisions will not necessarily be limited to these topics.

Before determining the scope and specific content of the draft rulemaking, we would like your input. If interested, please provide comments related to the attached rule revision topics or any other potential revisions associated with 31 TAC Chapter 357 or Chapter 358.

One of the revision topics is amending 31 TAC §357.32(d) to implement Senate Bill 1101, 84th Legislative Session, related to the use of modeled available groundwater in regional water plans. Another revision topic is a potential change to 31 TAC §357.21 to incorporate House Bill 3357, 84th Legislative Session, related to posting of public notice. We are seeking feedback on whether and how HB 3357 should apply to notice of Regional Water Planning Group meetings.

We are also seeking input on ways to provide greater flexibility in the use of modeled available groundwater values in the regional water plans.

If there are other changes to 31 TAC Chapters 357 or 358 that you believe may be appropriate, please submit them as well. Please provide your comments and any additional suggested revisions to RulesComments@twdb.texas.gov by April 8, 2016. Please put the words “2016 Planning Rulemaking” in the subject line. If you have any questions about the revisions or the rulemaking process, you may contact Temple McKinnon at (512) 475-2057 or temple.mckinnon@twdb.texas.gov.

Our Mission

To provide leadership, information, education, and support for planning, financial assistance, and outreach for the conservation and responsible development of water for Texas

Board Members

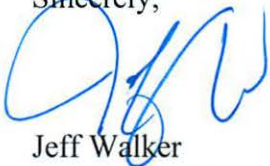
Bech Bruun, Chairman | Kathleen Jackson, Member | Peter Lake, Member
Kevin Patteson, Executive Administrator

February 22, 2016

Page 2

In parallel with this rule revision process and in accordance with Texas Water Code §16.051(d), we will review and update the planning guidance principles in §358.3, with input from the Texas Commission on Environmental Quality, Texas Department of Agriculture, and the Texas Parks and Wildlife Department.

Sincerely,



Jeff Walker
Deputy Executive Administrator
Water Supply & Infrastructure

Enclosure

TWDB Planning Rule Revisions under Consideration

Legislatively-mandated changes

- 1) 31 TAC §357.32(d) – Revise rule to incorporate the requirements of Senate Bill 1101, 84th Legislative Session, regarding the allowance of a regional water planning group (RWPG) to determine groundwater availability outside of the modeled available groundwater (MAG) for groundwater availability if no groundwater conservation districts exist with the regional water planning area.
- 2) 31 TAC §357.35 – Revise rule to require regional project prioritizations to accompany submittal of final adopted regional water plans and establish how and when they may be updated and resubmitted as required by House Bill (HB) 4, 83rd Legislative Session.

Process improvements under consideration

- 1) 31 TAC 357.32(d) - Revise rule to provide greater flexibility in groundwater availability volumes as incorporated numerically in the regional water plans (RWPs) under drought of record conditions while in accordance with Texas Water Code (TWC) §16.053(2)(a).
- 2) 31 TAC §357.51 – Revise rule to add a procedure for RWPGs to make minor corrections to their approved RWPs or the state water planning database.
- 3) 31 TAC §357.21(d) – Revise rule to move application for Board regional planning grant funding to a new subsection within §357.21. The objective is to re-establish the notice requirement in place prior to the last rule revision by eliminating the requirement to post Board funding applications in the Texas Register or on the Secretary of State’s website.

Clarifications under consideration

- 1) 31 TAC §357.34 - Revise rule to clarify that state and regional water plans must only include water management strategies and water management strategy projects that will, when implemented, actually reduce water use, save water, increase the efficient use of water, or deliver or treat additional water volumes to wholesale water providers or water user groups in any planning decade. Projects, or portions of projects, that do not meet this requirement would not be recommended in the state water plan and thus would not be eligible for funding from the State Water Implementation Revenue Fund of Texas (SWIFT program).
- 2) 31 TAC §357.32(c) – Revise rule to include language clarifying how run-of-river surface water supplies for municipal water user groups must be evaluated, for example, as “minimum monthly diversions”.
- 3) 31 TAC §357.51(a)(2) – Revise the rule to more explicitly describe how the Board considers and acts upon a petition to amend a regional water plan, if the RWPG does not act upon the petition.

- 4) 31 TAC §357.50 – Revise rule to add subsection clarifying the Board’s authority to approve a regional water plan with unmet municipal needs, if the RWPG has provided adequate justification.
- 5) 31 TAC §357.21(d)(5) – Revise rule to clarify what alternative formats, other than hard copies, may be used to make Initially Prepared Regional Water Plans available for public review. An example of an alternative format, for example, might include an internet web link accessible by computer available at public libraries rather than a hard copy of the document.
- 6) 31 TAC §357.21(d)(5) – Revise rule to clarify that making copies available in public libraries and county courthouses does not apply to adopted RWPs and that the minimum statutory requirement for adopted regional water plans is submittal to TWDB.
- 7) 31 TAC §357.21(b)(4) and (b)(5) – Consider revising rule to allow RWPGs to provide notice to county clerks in regional water planning areas, consistent with the options in HB 3357, 84th Legislative Session or to post public notices related to regional water planning on the RWPG’s internet website.

Definition revisions

- 1) 31 TAC §357.10(29)(A) – Revise definition of *water user group* to formalize the Board’s existing authority to develop population and municipal water demand projections for a water user group (WUG) to coincide with utility service area boundaries.
- 2) 31 TAC §357.10(13) - Refine definition of *firm yield* to better reflect planning practice.
- 3) 31 TAC §357.10(2) and (12) – Revise rules to more clearly define *availability* and *existing water supply* to reflect actual planning practice including, for example, eliminating the word “available” from the definition of *existing water supply*.
- 4) 31 TAC §357.10(26) – Update rule to align the definition of *water conservation measures* with SWIFT conservation terminology.
- 5) 31 TAC §357.10(30) – Revise the definition of *wholesale water provider* to clarify the process for designating an entity as a wholesale water provider.
- 6) 31 TAC §357.10 – Revise rule to include additional definitions for terms: *unmet need*, *recommended water management strategy project* (for prioritization purposes), and *drought management water management strategy*.



c/o San Antonio River Authority
P.O. Box 839980
San Antonio, Texas 78283-9980
(210) 227-1373 Office
(210) 302-3692 Fax
www.RegionLTexas.org

EXECUTIVE COMMITTEE

Suzanne Scott
Chair / River Authorities
Tim Andruss
Vice-Chair / Water Districts
Gary Middleton
Secretary / Municipalities
Donna Balin
At-Large / Environmental
Adam Yablonski
At-Large / Agriculture

MEMBERS

Gene Camargo
Water Utilities
Rey Chavez
Industries
Alan Cockerell
Agriculture
Will Conley
Counties
Don Dietzmann
GMA 9
Art Dohmann
GMA 15
Blair Fitzsimons
Agriculture
Vic Hilderbran
GMA 7
John Kight
Counties
Russell Labus
Water Districts
Glenn Lord
Industries
Doug McGookey
Small Business
Dan Meyer
GMA 10
Con Mims
River Authorities
Iliana Peña
Environmental
Robert Puente
Municipalities
Steve Ramsey
Water Utilities
David Roberts
Small Business
Roland Ruiz
Water Districts
Diane Savage
GMA 13
Greg Sengelmann
Water Districts
Thomas Taggart
Municipalities
Dianne Wassenich
Public
Bill West
River Authorities
Kevin Janak
Electric Generating/Utilities

Transmitted Via Electronic Mail: Temple.McKinnon@twdb.texas.gov

April 4, 2016

Temple McKinnon
Texas Water Development Board
P.O. Box 13231
Austin, TX 78711

RE: 2016 Planning Rulemaking

Dear Mrs. McKinnon,

The South Central Texas Regional Water Planning Group (Region L) Executive Committee met on March 23, 2016, to discuss and respond to a letter from the Texas Water Development Board (TWDB) dated February 22, 2016, concerning preliminary input on revisions to 31 Texas Administrative Code (TAC) Chapters 357 and 358.

The Executive Committee, on behalf of the full Region L Planning Group, supports the following measures as they relate to TWDB planning rule revisions currently under consideration.

- 31 TAC §357.21 (d)(5) – Revise rule to clarify what alternative formats, other than hard copies, may be used to make Initially Prepared Regional Water Plans (IPP) available for public review. Region L's experience with distributing IPP hardcopies (two per county) across 21 counties in South Central Texas involves exorbitant printing costs under a constrained budget, and at least two full days of staff time for delivery. Other costs incurred by the designated political subdivision (San Antonio River Authority) include the price of fuel for traveling across 21 counties, which is still significantly cheaper than commissioning a delivery service or US mail. Where such costs and staff time could be reduced, Region L supports a TWDB rule revision to that effect.
- 31 TAC §357.21 (b)(4) and (b)(5) – Revise rule to allow RWPGs to provide notice to county clerks within the regional water planning area, consistent with the options in HB 3357, 84th Legislature, or to post public notices related to regional water planning on the RWPG's internet website. Region L currently mails notices to 21 county clerks. Each clerk maintains different operating procedures, posting costs, and nuanced preferences. It costs over \$1,000 per planning cycle to post four notices per year for regular RWPG meetings. This does not include postage for mailing or staff time. By allowing designated political subdivisions to simply post public notices to an entity's website, whether it be of the political subdivision or the RWPG (or both), the RWPG would save significant time and money. Moreover, a TWDB rule revision would make notices, which include a copy of the meeting

agenda, more visible to stakeholders and the general public, thereby encouraging public participation in state and regional water planning. Region L also supports the continued practice of posting notices and agendas for RWPG meetings to the Texas Secretary of State Website, as currently required under 31 TAC §357.21(b)(5).

In addition to the aforesaid support for TWDB planning rule revisions currently under consideration, Region L supports the following recommendations.

- 31 TAC §357.10 – Consider adding a definition for “reservoir.” During the fourth cycle of regional water planning, Region L designated several stream segments as being of unique ecological value, and recommended the Legislature recognize those designations (see Chapter 8 Policy Recommendations & Unique Sites; Region L – 2016 Regional Water Plan: Volume 1). The former Region L Chair, Con Mims spearheaded an effort to pass HB 1016, 84th Legislature, which followed the Region L recommendation. HB 1016 proscribes state or political subdivisions of the state from financing the construction of “reservoirs” within the designated stream segment. Region L supports a revision to the TWDB rule definitions, which defines “reservoir” such that it excludes low water crossing or flood control structures from the proscribed infrastructure financed by an arm of the State.

Region L appreciates TWDB’s continued efforts to solicit stakeholder input to improve the water planning process. With each nuanced planning cycle, the evolving process unveils new areas for improvements in the rules and guidance. Region L is confident in TWDB’s leadership within the state water planning arena, and its efforts to remain cognizant of regional and state water planning issues. Should you or the Board have any questions or need clarification on the information herein, please feel free to contact Cole Ruiz at (210) 302-3293 or cruiz@sara-tx.org.

Sincerely,



Suzanne Scott,
Region L Chair

2021 Plan Enhancement Process Schedule

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

Agenda Item No. 10:

Texas Water Development Board Presentation on Utility-
Based Planning

Population and Water Demand Projections - 2021 Regional Water Plans

Kevin Kluge

Water Use Survey, Projections & Planning



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.





Projections Development

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



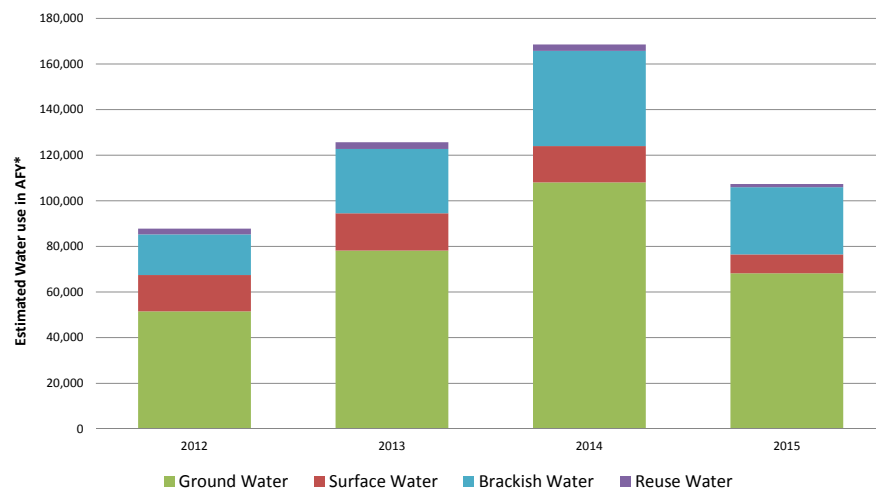
Irrigation, Manufacturing, and Power

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

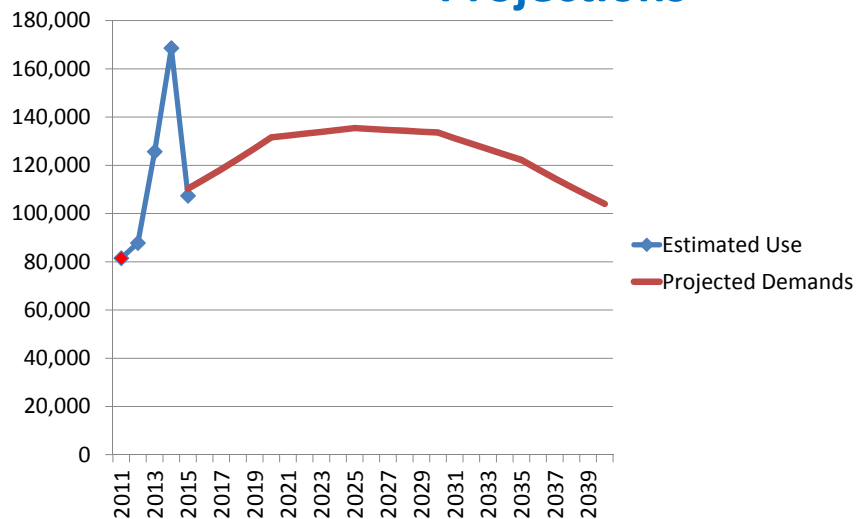
Livestock and Mining

- 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

Hydraulic Fracturing Water Use



HF Estimates vs UT-BEG Projections



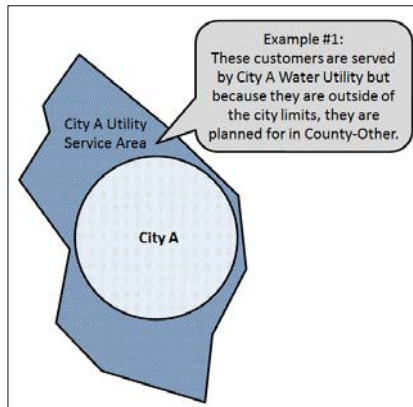
Population and Municipal

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

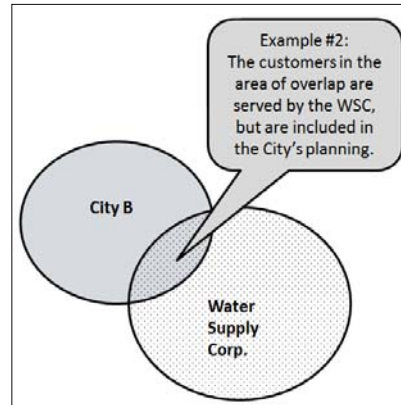
Problem: Utility service areas don't follow city boundaries.

Problems in Planning

City Utility



WSC Utility



Solution: Utility Water Planning

- Population – 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



WATER for TEXAS
2017 conference

January 24-26, 2017
AT&T Conference Center,
Austin, Texas
Hosted by the TWDB

WaterForTexas.twdb.texas.gov

Kevin Kluge
kevin.kluge@twdb.texas.gov
512-936-0829

Agenda Item No. 11:

Discussion and Appropriate Action Regarding
Consultant's Work and Schedule

2021 South Central Texas Regional Water Plan
Estimated Schedule
May 2016 RWPG Meeting

[illegible]

KEY:

-  *Scheduled Region L Meetings*
-  *Anticipated Region L Meetings*
-  *Currently Funded Tasks*
-  *Public Hearing(s) on 2021 IPP*
-  *Anticipated Activity*
-  *Activity Uncertainty*

CURRENT WATER PROJECTS WITHIN REGION L

PROJECT		CLIENT NAME	COMPLETION DATE	NOTES
B&V	Water Resources Integration Program	San Antonio Water System	Jul 2016	
	Brackish Wilcox Desalination Plant	San Antonio Water System	Dec 2016	
	Mid-Basin Water Rights Permit SOAH Hearing	Baker Botts/GBRA	May 2016	SOAH Hearing – Late May
	Braunig Power Plant Pipeline Design	CPS Energy	Dec 2016	Pipeline Design
	BEG Freshwater Mussel Study	State Comptroller/UT-BEG	May 2017	Water Rights Reliability Analyses

Agenda Item No. 12:

Discussion and Appropriate Action Regarding the
Following Components of the 2021 Plan Enhancement
Process

- c. Appropriateness and Adequacy of How Demand
and Need are Determined
- d. Role of Regional Water Planning Groups in
Influencing Population Growth and Land Use
- e. Conflicts of Interests With Respect to Planning
Group Members

Agenda Item No. 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

SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP
MEMBERS' TERMS OF OFFICE
May 5, 2016

Member Name	Position	Interest Represented	Term Expires
Executive Committee			
Suzanne Scott	Chair	River Authorities	2018
Tim Andruss	Vice Chair	Water Districts	2018
Gary Middleton	Secretary	Municipalities	2016
Donna Balin	At-Large	Environmental	2016
Adam Yablonski	At-Large	Agriculture	2016
Dianne Wassenich		Public	2018
Donna Balin		Environmental	2016
Iliana Pena		Environmental	2016
Will Conley		Counties	2018
John Kight		Counties	2016
Robert Puente		Municipalities	2016
Gary Middleton		Municipalities	2016
Tom Taggart		Municipalities	2016
Glenn Lord		Industries	2018
Rey Chavez		Industries	2016
Alan Cockerell		Agricultural	2016
Adam Yablonski		Agricultural	2016
Blair Fitzsimons		Agricultural	2018
Doug McGooky		Small Business	2018
David Roberts		Small Business	2018
Bill West		River Authorities	2016
Con Mims		River Authorities	2016
Suzanne Scott		River Authorities	2018
Roland Ruiz		Water Districts	2018
Greg Sengelmann		Water Districts	2018
Tim Andruss		Water Districts	2018
Russell Labus		Water Districts	2016
Steve Ramsey		Water Utilities	2018
Gene Camargo		Water Utilities	2018
Kevin Janak		Elec. Generating Utilities	2016
Vic Hilderbran		GMA 7	Indefinite
Don Dietzmann		GMA 9	Indefinite
Daniel Meyer		GMA 10	Indefinite
Diane Savage		GMA 13	Indefinite
Art Dohmann		GMA 15	Indefinite

ARTICLE V

VOTING MEMBERSHIP

Section 1 Composition

The initial voting members of the South Central Texas RWPG include the initial coordinating body appointed by the TWDB on February 19, 1998, plus the additional voting members appointed by the initial coordinating body to ensure adequate representation of the interests comprising the South Central Texas RWPA stated in Texas Water Code §16.053(c), if present and other interests determined by the South Central Texas RWPG, to include representatives appointed by Groundwater Management Areas in accordance with Section §16.053(c). Thereafter, the voting membership of the South Central Texas TWPG shall include persons added and exclude those removed as provided under this Article and any 31 TAC § 357.4(g)(4) member selected for voting membership under Article VI.

Section 2 Terms of Office

Except for members appointed by Groundwater Management Areas under Texas Water Code Section §16.053(c). Terms of office for voting members shall be five years

Section 3 Conditions of Membership

In order to be eligible for voting membership on the South Central Texas RWPG, a candidate must represent the interest for which a member is sought, be willing to participate in the regional water planning process, and abide by these Bylaws.

Section 4 Selection of Members

At least forty-five calendar days prior to the expiration of the term of a voting member, or within two weeks following a Planning Group meeting at which the Planning Group decides to replace a voting member, the South Central Texas RWPG will post public notice in a newspaper of general circulation in each county located in whole or in part in the South Central Texas RWPA soliciting nominations for a successor, identifying the particular interest for which nominations are sought, stating the conditions of membership, delineating the method for submitting nominations, and establishing a deadline for submission of nominations between thirty and forty-five calendar days from the date that public notice was posted. Members of the South Central Texas RWPG may also submit nominations in the manner prescribed in the public notice.

The Executive Committee will receive and process the nominations and after the deadline for submitting nominations, will recommend a nominee for the position to the voting membership as a whole, giving strong consideration to a consensus nominee from those individuals and entities that collectively represent that interest. The Executive Committee shall consider and report all nominations received but may consider only persons who meet the conditions of membership. The voting membership as a whole is not bound by the recommendation of the Executive Committee and may consider any nominee who meets the conditions of membership.

The voting members shall attempt to make a decision for a successor by consensus. If efforts to reach consensus fail, the Chair shall call for a vote on a nominee. An affirmative vote of a majority of the voting membership shall be required to elect a nominee as a new voting member. If voting fails to select a new voting member, the voting members shall consider other nominations until a

new member can be selected by consensus or affirmative majority vote of the voting membership.

In addition to selecting new voting members to fill vacancies caused by removal, resignation or the expiration of a term, the voting members may add members to ensure adequate representation of the interests comprising the South Central Texas RWPA by using the selection process set forth in this section. In both the consideration of nominees and the selection of new voting members, the Executive Committee and other voting members shall strive to achieve geographic, ethnic and gender diversity.

Outgoing voting members shall be given the opportunity to fully participate in the selection process for their successors and shall serve until successors take office. However, no member shall participate in a vote in which he/she is a nominee.

A membership created by a Groundwater Management Area in accordance with Texas Water Code §16.053(c) shall be maintained by that Groundwater Management Area. The Planning Group shall notify a Groundwater Management Area of a vacancy created by its appointed member.

Section 5 Attendance

All members shall make a good faith effort to attend all South Central Texas RWPG meetings and hearings. Records of attendance shall be kept by the Secretary at all South Central Texas RWPG meetings and hearings and presented as part of the minutes. Voting members of the South Central Texas RWPG who have missed three consecutive regular meetings, or at least one-half of all meetings in the preceding twelve months, shall be considered to have engaged in excessive absenteeism and are subject to removal from membership under Section 7 of this Article. The Planning Group shall notify any Groundwater Management Area of excessive absenteeism, as defined in this section, of a member appointed by that Groundwater Management Area under Texas Water Code §16.053(c) and request its consideration of replacing that member. Members are encouraged to notify the Chair if they will miss a meeting and/or send a designated alternate.

Section 6 Code of Conduct

Members and designated alternates of the South Central Texas RWPG shall ethically conduct the business of the South Central Texas RWPG and shall avoid any form or appearance of a conflict of interest, real or apparent, by observing the following:

- (a) No member or designated alternate of the South Central Texas RWPG shall knowingly:
 - (1) Solicit or accept gratuities, favors or anything of monetary value from suppliers or potential suppliers of services, materials or equipment, including subcontractors under recipient contracts or any other person who has a substantial financial interest in the regional water plan; or
 - (2) Participate in the selection, award or administration of a procurement where the member or designated alternate has a financial or other substantive interest in the organization being considered for award. Such conflict may be due to any of the following having a financial or familial relationship with the organization:
 - i) the member or designated alternate;

FROM: South Central Texas Regional Water Planning Group (Region L)

DATE: May 5, 2016

SUBJECT: Notice of Solicitation of Nomination to Fill Vacancies of the South Central Texas Regional Water Planning Group Voting Membership

NOTICE TO PUBLIC
REGIONAL WATER PLANNING GROUP (REGION L)

The South Central Texas Regional Water Planning Group (Region L), as established by the Texas Water Development Board in accordance with 31 TAC 357, is soliciting nominations to fill vacancies as voting members on the South Central Texas Regional Water Planning Group in the following interest areas: Environmental (2), Counties (1), Municipalities (3), Industries (1), Agricultural (2), River Authorities (2), Water Districts (1), and Electric Generating Utilities (1). Persons interested in Counties, River Authorities, and Water Districts' interest areas must be nominated by the governing board or chief executive officer of an entity within the respective interest area.

A nomination form must be completed and submitted for each nominee to be considered. For specific definitions and eligibility requirements in each of the areas of interest and to obtain a nomination form, please contact Cole Ruiz, (210) 302-3293 or cruiz@sara-tx.org.

The South Central Texas Regional Water Planning Area consists of 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.

Nominations must be received by 5:00 pm, Friday, _____, addressed to Suzanne Scott, Chair, South Central Texas Regional Water Planning Group, c/o San Antonio River Authority, Attn: Cole Ruiz, P.O. Box 839980, San Antonio, Texas 78283-9980, or emailed to cruiz@sara-tx.org.

SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP

Nomination for Interest Group (check one):

- ☐ Agriculture, ☐ Counties, ☐ Electric Generating Utilities,
☐ Environmental, ☐ Industries, ☐ Municipalities, ☐ River Authority, ☐ Water Districts

NOMINATOR

NAME: _____

ADDRESS: _____

PHONE: _____ FAX: _____ EMAIL: _____

OCCUPATION _____

NOMINEE

NAME: _____

ADDRESS: _____

PHONE: _____ FAX: _____ EMAIL: _____

INTEREST AREA: _____

COUNTY: _____

OCCUPATION: _____

PLEASE GIVE A BRIEF DESCRIPTION OF THE NOMINEE'S EXPERIENCE THAT WOULD QUALIFY HIM/HER FOR THE POSITION:

PLEASE LIST ANY PERTINENT AFFILIATIONS:

DATE SUBMITTED: _____

PLEASE ATTACH ADDITIONAL INFORMATION IF DESIRED

Nominations must be received by **5:00 p.m.**, _____ addressed to Suzanne Scott, Chair, South Central Texas RWPG, c/o San Antonio River Authority, Attn: Cole Ruiz, P.O. 839980, San Antonio, Texas 78283-9980; or email to cruiz@sara-tx.org

Questions regarding the nomination process may be sent to Cole Ruiz via email (above), or phone, (210) 302-3293.

Agenda Item No. 14:

Discussion and Appropriate Action Authorizing
Administrator to Negotiate and Execute Interlocal
Agreement for Funding Region L Administrative Costs
for calendar years 2017 – 2021

**INTERLOCAL AGREEMENT FOR FUNDING OF SENATE BILL 1
SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP
(REGION L) ADMINISTRATIVE COSTS**

This Agreement is made and entered into as of the date herein last specified by and between the San Antonio River Authority ("SARA"), a river authority established under the laws of the State of Texas, the Guadalupe-Blanco River Authority ("GBRA"), a river authority established under the laws of the State of Texas, the Nueces River Authority ("NRA"), a river authority established under the laws of the State of Texas, the Edwards Aquifer Authority, ("EAA"), a special district established under the laws of the State of Texas, the San Antonio Water System ("SAWS"), an independent agency established by the City of San Antonio City Council, ~~the Bexar Metropolitan Water District ("BMWD"), a water supply district established under the laws of the State of Texas,~~ Victoria County Groundwater Conservation District ("VCGCD"), a special district established under the laws of the State of Texas, Guadalupe County Groundwater Conservation District ("GCGCD"), a special district established under the laws of the State of Texas and the City of Victoria ("COV"), a Texas municipal corporation and home rule city, acting through its duly authorized City Manager, collectively referred to as the "PARTIES".

WHEREAS, the Texas Interlocal Cooperation Act, Tex. Gov't Code Ann. § 791.001 et seq., authorizes local political subdivisions to enter into agreements for the provision of governmental and administrative functions and services;

Whereas, the South Central Texas Regional Water Planning Group, established in accordance with Senate Bill 1, 75th Legislative Session, is charged with the development of a regional water plan to address the water needs of the South Central Texas Regional Water Planning Area;

Whereas, the South Central Texas Regional Water Planning Group submitted the 2016 Regional Water Plan for the South Central Texas Regional Planning Area (Region L) to the Texas Water Development Board on December 1, 2015;

Whereas, Senate Bill 1, 75th Legislative Session requires that the regional water plan be reviewed and revised, if necessary, every five years;

Whereas, the South Central Texas Regional Water Planning Group has entered into the Fifth Cycle of Regional Water Planning for the next five years as of January 1, 2016;

Whereas, SARA was designated as the contracting and administrative agency for the South Central Texas Regional Water Planning Group for the Fifth Cycle of Regional Water Planning on February 5, 2015;

Whereas, the Parties are within of the South Central Texas Regional Water Planning Area

Whereas, SARA, as the principal administrative office for the South Central Texas Regional Water Planning Group, will incur administrative costs on behalf of the South Central Texas Regional Water Planning Group for the interim phase of planning;

Whereas, the Parties have agreed to share the funding of the administrative costs;

For and in consideration of the foregoing and of the mutual benefits and obligations provided herein, the Parties do contract and agree as follows:

AGREEMENT

1. SARA will serve as the contracting and administrative agency for the Fifth Cycle of Regional Water Planning. SARA will account for its labor and direct expenses associated with administering the development of the Plan. SARA will provide the other contracting Parties with quarterly accounting reports of its administrative costs. Administrative costs incurred by SARA beginning January 1, 2017 are eligible for reimbursement.
2. The total administrative costs to be incurred by SARA for 2016 are estimated to be \$48,300.00.¹

¹ Estimate is based off the first year budget for the Fourth Cycle of Regional Water Planning (Calendar Year 2011). Total estimate includes Labor, Professional Services, and other miscellaneous costs incurred by the Administrative Agent.

3. For the duration of this agreement, SARA will provide an estimate of the anticipated administrative costs by December 15 of the calendar year preceding the year in which costs are being estimated for. The Parties shall agree upon the annual budget in writing on a per annum basis prior to being billed for quarterly administrative costs.
4. The Parties agree to share the administrative costs in the following percentages:

SAWS	35%
EAA	28%
GBRA	15%
SARA	10%
NRA	1%
VCGCD	2% (not to exceed \$1,500.00 annually)
COV	2% (not to exceed \$1,500.00 annually)
GCGCD	2% (not to exceed \$1,500.00 annually)
TOTAL	100%

The total amount of administrative costs for each year will not be exceeded without prior written authorization of the Parties.

5. The Parties may provide in kind services to help offset the administrative costs incurred by SARA to the extent practical.
6. Voluntary contributions will be solicited from other entities in the region. To the extent that such voluntary contributions are received in excess of the administrative costs, they will be used to offset, on a pro-rata basis, the amount of administrative costs to be shared by the Parties.
7. SARA will bill the parties for their respective share of the administrative costs on a quarterly basis. All Parties are committed to the full payment of their obligations.
8. This Agreement may be amended and/or extended by the mutual agreement of the

Parties.

9. Multiple original copies of this Agreement are being executed and shall be effective upon last signature. Each person executing this Agreement on behalf of a Party represents that he or she is a duly authorized officer of such Party with full power to execute this Agreement on behalf of each Party.
10. The Parties agree to prepare and execute all documents necessary to effect the terms of this Agreement.
11. No party may assign its rights and obligations under this Agreement without having first obtained the prior written consent of the other Parties which consent shall not be unreasonably withheld. This Agreement shall inure to the benefit of and be binding upon the Parties hereto and their respective successors and assigns.
12. Upon execution of this agreement, the previously executed agreement, *Interlocal Agreement for Funding of Senate Bill 1 South Central Texas Regional Water Planning Group Administrative Costs for the Fourth Cycle of Regional Water Planning*, will be null and void.
13. This Agreement is effective until December 31, 2021, contingent upon the availability of annual funding for the term of the contract. In the event that a party is unable to fulfill its obligations under this agreement as a result of lack of sufficient funding, no party shall have a right of action against other parties. Should this issue arise, a Party will file a Notice of Non-Renewal with the other parties at least 30 days prior to the date funding becomes unavailable.
14. Until changed by written notice thereof any notice required under this Agreement may be given to the respective Parties by first class mail, postage paid or by hand-delivery to the address of the other Parties shown below:

(INSERT MAILING LIST OF PARTIES)

Agenda Item No. 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

Agenda Item No. 16:

Public Comment