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EXECUTIVE COMMITTEE

Suzanne Scott
Chair / River Authorities
Tim Andruss
Vice-Chair / Water Districts
Gary Middleton
Secretary / Municipalities
Kevin Janak
At-Large / Electric Generating/Utilities
Adam Yablonski
At-Large/ Agriculture

MEMBERS

Gene Camargo
Water Utilities
Rey Chavez
Industries
Will Conley
Counties
Don Dietzmann
GMA 9
Art Dohmann
GMA 15
Blair Fitzsimons
Agriculture
Charlie Flatten
Environmental
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
Kevin Patteson
River Authorities
Iliana Peña
Environmental
Robert Puente
Municipalities
Steve Ramsey
Water Utilities
Weldon Riggs
Agriculture
David Roberts
Small Business
Roland Ruiz
Water Districts
Diane Savage
GMA 13
Greg Sengemann
Water Districts
Thomas Taggart
Municipalities
Dianne Wassenich
Public

DATE: October 29, 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, November 3, 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.

Enclosure

Agenda Packet for November 3, 2016

**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, November 3, 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,

1. Public Comment
2. Approval of the Minutes from the August 4, 2016, Meeting of the South Central Texas Regional Water Planning Group (Region L)
3. Selection of Representative to Fill Counties Vacancy on South Central Texas Regional Water Planning Group (SCTRWPG)
4. Status of Edwards Aquifer Habitat Conservation Plan (HCP) – Nathan Pence, Executive Director EAHCP
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)
6. Texas Water Development Board (TWDB) Communications
7. Chair's Report
8. 2021 Plan Enhancement Process: Recap of Guiding Principles Previously Discussed and Adopted
9. Discussion and Appropriate Action Adopting Guiding Principles on the Following Issues Identified Through the 2021 Plan Enhancement Process
 - a. The Role of the Planning Group in Influencing Water Development Plans of Water Suppliers
 - b. The Role of the Planning Group in Influencing Permitting Entities
10. Discussion and Appropriate Action Regarding the Following Components of the 2021 Plan Enhancement Process
 - a. The Adequacy of Evaluating the Plan's Effects on Freshwater Inflows to the San Antonio Bay
 - b. The Adequacy of Environmental Assessments of Individual Water Management Strategies
11. Discussion and Appropriate Action Setting the SCTRWPG Meeting Schedule for Calendar Year 2017

12. Texas A&M Institute for Renewable Natural Resources Land Trend/ Water Resources Study Presentation (Roel Lopez)
13. Discussion and Appropriate Action Authorizing the San Antonio River Authority to Provide Public Notice and Submit a Grant Application to the TWDB on Behalf of the SCTRWPG for Funding to Complete the Fifth Cycle of Regional Water Planning, and to Negotiate and Execute the Amendment to the TWDB Contract
14. Discussion and Appropriate Action Regarding Consultant's Work and Schedule
15. Administrator Update on Interlocal Agreement for Funding SCTRWPG Administrative Costs for the Fifth Cycle of Regional Water Planning
16. Possible Agenda Items for the Next Region L Meeting
 - a. Election of Officers
 - b. Adoption of Guiding Principles
 - c. TWDB Planning 101 Presentation
 - d. Commercial Scale Rainwater Harvesting Presentation from Region K Chair, John Burke
17. Public Comment

1. Public Comment

2. Approval of the Minutes from the August 4, 2016, Meeting of the South Central Texas Regional Water Planning Group (Region L)

**Minutes of the
South Central Texas Regional Water Planning
Group
August 4, 2016**

Chairwoman Suzanne Scott 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.

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

Voting Members Present:

Tim Andruss	Gary Middleton
Donna Balin	Con Mims
Gene Camargo	Robert Puente
Rey Chavez	Iliana Pena
Alan Cockerell	Steve Ramsey
Will Conley	David Roberts
Don Dietzmann	Roland Ruiz
Art Dohman	Dianne Savage
Blair Fitzsimons	Suzanne Scott
Vic Hilderbran	Greg Sengelmann
Kevin Janak	Thomas Taggart
John Kight	Dianne Wassenich
Russell Labus	Jonathan Stinson for Bill West
Glenn Lord	Adam Yablonski
Palini Whiting for Doug McGooky	
Dan Meyer	

Voting Members Absent

None

Non-Voting Members Present:

Ron Ellis, Texas Water Development Board (TWDB)
Marty Kelley, Texas Department of Parks and Wildlife
Ronald Fieseler, Region K Liaison
Don McGhee, Region M Liaison

Non-Voting Members Absent:

Dan Hunter, Texas Department of Agriculture
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 are available for the public at www.regionltexas.org.

All PowerPoint presentations and meeting materials referenced in the minutes are available in the meeting Agenda Packet at www.regionaltexas.org.

AGENDA ITEM NO. 1: COMMENTS FROM TEXAS WATER DEVELOPMENT BOARD (TWDB) DIRECTOR KATHLEEN JACKSON

Director Kathleen Jackson (TWDB), gave a presentation reviewing the 2017 State Water Plan. A copy of her PowerPoint presentation was provided in the agenda packet for this meeting, which is available at www.region1texas.org.

After the presentation, Robert Puente asked how the TWDB defines “demand management” (referring to slide nine of the PowerPoint presentation). Director Jackson responded that TWDB generally defines “demand management,” as “conservation,” giving the example of drought management.

Iliana Pena asked whether the TWDB looks at any metrics to gauge its impact on the environment. Director Jackson responded, saying that by studying the smallest forms of life, which are diatoms, you could relate to the water quality and health of an estuary. Drawing on that, Director Jackson explained that there should not be a separation between economic development and what is benefiting the environment, the two go hand-in-hand. Meeting environmental needs is an integral part of developing projects identified in the State Water Plan. Director Jackson also noted the important role played by the environmental flows process.

AGENDA ITEM NO. 2: PUBLIC COMMENT

Meredith McGuire spoke to the Planning Group about Melbourne, Australia’s water planning and conservations methods—which include rain water capture—and the issues associated with impervious cover.

Karen Wheeler spoke to the Planning Group about the City of Tucson, Arizona, who endorses “curb cuts” and other low impact development techniques, which could be used to capture rain water.

AGENDA ITEM NO. 3: APPROVAL OF THE MINUTES FROM THE MAY 5, 2016, MEETING OF THE SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP (SCTRWPG)

Dianne Wassenich made a motion to approve the minutes from May 5, 2016, meeting of the SCTRWPG. Greg Sengemann seconded the motion. There were no objections. The motion passed by consensus

AGENDA ITEM NO. 4: ELECTIONS TO FILL VACANCIES OF SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP (SCTRWPG) VOTING MEMBER TERMS EXPIRING AUGUST 2016

Chairwoman Scott presented the SCTRWPG Executive Committee’s recommendations to the Planning Group to fill the vacancies created by the terms ending August 2016.

First, the Executive Committee recommended the following individuals, who were nominated

without being contested. For the Municipalities interest category, the Executive Committee recommended Gary Middleton, Tom Taggart, and Robert Puente. For the River Authorities interest category, the Executive Committee nominated Con Mims and Kevin Patteson. For the Water Districts interest category, the Executive Committee nominated Russell Labus. For the Industries interest category, the Executive Committee nominated Rey Chavez. For the Electric Generating Utilities interest category, the Executive Committee nominated Kevin Janak.

John Kight made a motion to approve the recommendations of the SCTRWPG Executive Committee with regard to filling vacancies for the Municipalities, River Authorities, Water Districts, Industries, and Electric Generating Utilities interest categories. Will Conley seconded the motion. There were no objections. The motion passed by consensus.

Chairwoman Scott then presented the Executive Committee's recommendation with regard to the Agriculture and Environmental interest categories, both of which received more nominations than vacancies available. For the Agriculture interest category, the Executive Committee nominated Adam Yablonski and Weldon Riggs. For the Environmental interest category, the Executive Committee recommended Iliana Pena and Charlie Flatten.

Robert Puente made a motion that the Planning Group approve the Executive Committee's recommendations with regard to the Agriculture interest category. Gene Camargo seconded the motion. There were no objections. The motion passed by consensus.

Con Mims made a motion that the Planning Group approve the Executive Committee's recommendations with regard to the Environmental interest category. Rey Chavez seconded the motion. There were no objections. The motion passed by consensus.

With regard to the Counties interest category, Chairwoman Scott explained that three nominations were received for one vacancy, and that the Executive Committee interviewed all three nominees. However, two of the three nominees did not follow protocol in obtaining a nomination from either the County Judge or the County Commissioners Court, as prescribed on the public notice issued May 16, 2016. Having not realized the clerical technicality until immediately before the August meeting (therefore too late to reasonably require nominees to obtain such nominations), the Executive Committee thought it would be best to leave the decision on how to move forward with the full Planning Group. While Alan Cockerell was nominated by the Guadalupe Commissioners Court, the other nominees (Pat Calhoun and Curtis Campbell) received no such nominations from their respective County Commissioners Courts or Chief Officers.

After some discussion among Planning Group members, and review of the relevant TWDB rules and SCTRWPG Bylaws, Con Mims made a motion to authorize the San Antonio River Authority to post a new public notice soliciting nominations for the vacant Counties position on the SCTRWPG. Blair Fitzsimons seconded the motion. There were no objections. The motion passed by consensus.

AGENDA ITEM NO. 5: STATUS OF EDWARDS AQUIFER HABITAT CONSERVATION PLAN (HCP) – NATHAN PENCE, EXECUTIVE DIRECTOR EAHCP

In Nathan Pence's absence, Cole Ruiz briefed the Planning Group members on the upcoming HCP tour of the San Marcos Springs, which was being coordinated by staff at the Edwards Aquifer Authority.

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)

Chairwoman Scott told the Planning Group that the next meeting was being planned for an October or November date, which had not yet been confirmed.

AGENDA ITEM NO. 7: TEXAS WATER DEVELOPMENT BOARD (TWDB) COMMUNICATIONS

Ron Ellis provided some updates regarding recent TWDB actions. Notably, changes to the chapter 357 rule proposal were approved by the TWDB, and would be open for public comment through September 6, 2016. TWDB would be holding a Regional Financial Assistance Workshop in Uvalde on August 16, 2016 at the Texas Agri-Life Research & Extension Auditorium. Mr. Ellis announced that Jeff Walker was chosen to be the new Executive Director at the TWDB. The Water for Texas Conference is scheduled for January 23-25, 2017.

Mr. Ellis also reviewed the timeline for the population and demand projections

AGENDA ITEM NO. 8: CHAIR'S REPORT

There was no report from the Chair.

AGENDA ITEM NO. 9: DISCUSSION AND APPROPRIATE ACTION REGARDING CONSULTANT'S WORK AND SCHEDULE

A. PROPOSED WATER USER GROUPS (WUGS) FOR THE 2021 REGION L REGIONAL WATER PLAN

Brian Perkins, Black and Veatch, reviewed the Consultant's schedule and work. Handouts, including the timeline and Power Point presentation were provided in the agenda packets, and are available at www.regionltexas.org.

Additionally, Mr. Perkins gave a presentation on the new utility-based model of water planning, specifically within Region L. Specifically, Mr. Perkins provided a list of 16 new water user groups based on the new utility-based rules and 27 water user groups being reassigned from municipality-based to the utility provider. There were several facilities and private utilities that met the volumetric threshold for water user group inclusion within the SCTRWPG Area, which were not automatically included as water user groups. Tom Taggart made a motion to authorize the Administrator to submit the list of those facilities and private utilities that meet the threshold for water user group inclusion to the TWDB, on the condition that Mr. Perkins reach out to those entities and those entities are agreeable to inclusion. Diane Wassenich seconded the motion. Ronald Fieseler made the comment that the demands of those entities, should they not agree to inclusion as a water user group, would still be accounted for in the County Other category. There were no more comments about the motion. There were no objections. The motion passed by consensus.

B. BLACK AND VEATCH DISCLOSURE OF RELATIONSHIPS

Brian Perkins provided a list disclosing relationship with Black and Veatch, and their sub consultants. Mr. Perkins offered to answer any questions. The format of the list provided was generally accepted by all planning group members present.

AGENDA ITEM NO. 10: DISCUSSION AND APPROPRIATE ACTION REGARDING TWDB PROPOSED RULE CHANGES

Brain Perkins summarized the new TWDB rule changes, a presentation which was also included in the agenda packet and available online at www.regionltexas.org. After some discussion regarding various rule changes, Robert Puente made a motion to assign the task of developing comments on the TWDB rule changes to a workgroup, created specifically for that purpose. John Kight seconded that motion. Diane Wassenich expressed doubt in the ability of the workgroup come to an agreement on comments in such little time, as comments on the rules were due September 6, 2016. After a hand-raising vote, the motion failed.

Gary Middleton made a motion that the SCTRWPg not submit any comments as a planning group to the TWDB regarding their rule changes. Con Mims seconded the motion. There were no objections. The motion passed by consensus. Suzanne Scott encouraged individual entities to submit comments individually should they feel inclined.

The SCTRWPg recessed for lunch at 12:15 PM, and re-convened at 1:00 PM.

AGENDA ITEM NO. 11: RAINWATER HARVESTING PRESENTATIONS – BRIAN PERKINS, JOHN KIGHT & JACK HOLMGREEN

Brian Perkins, Black and Veatch, briefed the Planning Group on the role rainwater harvesting has played in terms of water management strategies in previous plans.

John Kight presented a Power Point presentation on the costs and feasibility of using rainwater harvesting systems on a residential level.

John Holmgreen gave a presentation on the benefits of rainwater as a resource at a municipal level.

All presentations and handout used during these presentations are available in the agenda packet provided online at www.regionltexas.org.

AGENDA ITEM NO. 12: DISCUSSION AND APPROPRIATE ACTION ADOPTION 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**

Chairwoman Scott briefed the Planning Group on the Executive Committee's recommendations following the May 5, 2016, SCTRWPg meeting discussion on the following components of the 2021 Plan Enhancement Process: 1) appropriateness and adequacy of how demand and need are

determined, 2) the role of regional water planning groups in influencing population growth and land use, and 3) conflicts of interests with respect to planning group members.

Chairwoman Scott asked for discussion or a motion to approve the first guiding principle addressing the appropriateness and adequacy of how demand and need are determined. The guiding principle read as follows:

The South Central Texas Regional Water Planning Group (SCTRWPG) generally defers to the Texas Water Development Board (TWDB) on matters related to population and water demand projections. However, the SCTRWPg retains the duty to review TWDB projections on a case by case basis. Where the SCTRWPg finds a discrepancy in TWDB's projections, and can adequately justify its findings by verifying one or more of the "criteria for adjustment," TWDB – in consultation with Texas Department of Agriculture, Texas Commission on Environmental Quality, and Texas Parks and Wildlife Department – may adjust population and/or water demand projections accordingly (see generally *General Guidelines for Fifth Cycle of Regional Water Plan Development*, Article 2. *Population and Water Demand Projections*). Consistent with Chapter 8 of the 2016 Regional Water Plan for Region L, the SCTRWPg supports greater TWDB flexibility through relaxation of current methodological assumptions holding regional and state population projection totals fixed (see Chapter 8.9.3 *Population and Water Demand Projections*). Water demand projections used in developing the Regional Water Plan should be consensus figures arrived at by using TWDB data along with local input from the cities, counties, and groundwater districts.

Gary Middleton made a motion to adopt the guiding principle as written. Con Mims seconded the motion. There were no objections. The motion passed by consensus.

Chairwoman Scott asked for discussion or a motion to approve the second guiding principle addressing the role of regional water planning groups in influencing population growth and land use. The guiding principle read as follows:

Where the concepts of population growth and land use necessarily interrelate with the Regional Water Plan, the SCTRWPg shall, to the greatest extent possible, develop strategies to meet future projected demands. However, it is neither the role, nor the responsibility of the SCTRWPg to influence population growth or land use. While the SCTRWPg has a duty to remain cognizant of the sensitive relationship between the Regional Water Plan, population growth and land use, decisions concerning permitting and influencing population growth are inherently local, and remain wholly independent from the regional water planning process.

Con Mims made a motion to adopt the second guiding principles as written. Gary Middleton seconded. There were no objections. The motion passed by consensus.

Chairwoman Scott asked for discussion or a motion to approve the third guiding principle addressing conflicts of interests with respect to planning group members. The guiding principle read as follows:

1. Active Planning Group Members

All disclosures pursuant to Article V, Section 6 of the SCTRWPG Bylaws, are within the purview of the planning group member or designated alternate who has the potential conflict of interest. Therefore, disclosures are the responsibility of the planning group member or designated alternate. If the voting member chooses to abstain from participation in deliberations, decisions, or voting, pursuant to Article V, Section 6 of the SCTRWPG Bylaws, the reason for abstention shall be noted in the minutes.

SCTRWPG Bylaw Excerpt

Potential conflicts of interest shall be clearly stated by the voting member or designated alternate prior to any deliberation or action on an agenda item with which the joint member or designated alternate may be in conflict. Where the potential conflict is restricted to a divisible portion of an agenda item, the Chair may divide the agenda item into parts for deliberation and voting purpose. An abstention from participation in deliberations, decisions or voting and the reason therefore shall be noted in the minutes.

(see *SCTRWPG Bylaws*, Article V, Section 6, (b))

2. Nomination Process

Where the SCTRWPG is soliciting nominations to fill vacancies on the planning group, nominators shall provide information regarding the nominee's current employer, and provide a description of the nominee's experience that qualifies him/her for the position in the interest group being sought to represent.

Additionally, nominees shall agree to abide by the Code of Conduct, which is incorporated in the SCTRWPG Bylaws (see *SCTRWPG Bylaws*, Article V, Section 6). As per the Bylaws, the Executive Committee will conduct an interview process whereby nominees will be evaluated. Prior to the interview, nominees will be provided a copy of the Bylaws. During the interview process, nominees will be asked if they are willing to agree to the Bylaws, and specifically, if they are willing to comply with the Code of Conduct.

Con Mims requested changing "are within the purview of," to the "are the responsibility of" in the first line of the guiding principle. Gene Camargo made a motion to adopt the third guiding principles as edited. Glenn Lord seconded. There were no objections. The motion passed by consensus.

AGENDA ITEM NO. 13: DISCUSSION AND APPROPRIATE ACTION REGARDING THE FOLLOWING COMPONENTS OF THE 2021 PLAN ENHANCEMENT PROCESS

- a. THE ROLE OF THE PLANNING GROUP IN INFLUENCING WATER DEVELOPMENT PLANS OF WATER SUPPLIERS**
- b. THE ROLE OF THE PLANNING GROUP IN INFLUENCING PERMITTING ENTITIES**

Chairwoman Scott opened the floor for discussion on the role of the planning group in influencing water development plans of water suppliers. Discussion ensued. The entire discussion is available via the recording from August 4, 2016, meeting at www.region1texas.org. Below are some of the primary points made during that discussion from various Planning Group members:

- The Planning Group does not have a responsibility or role in influencing or interfering with water supplier plans, except where there are conflicts among entities.
- Where water suppliers intend to merge efforts in a water management strategy, it is the duty of those water user groups impacted by the merger to coordinate and agree upon the water management strategy.
- The Planning Group should avoid taking on the role of a hearing board.
- The Planning Group should not outright reject projects from inclusion in the Plan, without careful consideration.
- The Planning Group needs to have minimum standards for projects that are included in the Plan.

After the discussion, Linda Ximenes reviewed the items discussed. Chairwoman Scott told the Planning Group that, based on the discussion, the Administrator—working with the Executive Committee—would develop a guiding principle for this component of the 2021 Plan Enhancement Process. Those guiding principles will be presented at the November 3, 2016, SCTRWPG meeting for consideration with the goal of adoption.

Next, Chairwoman Scott opened the floor for discussion on the role of the planning group in influencing permitting entities. Discussion ensued. The entire discussion is available via the recording from August 4, 2016, meeting at www.regionltexas.org. Below are some of the primary points made during that discussion from various Planning Group members:

- The Planning Group does not have a responsibility or role in influencing or interfering with decisions made by permitting entities.
- From the GMA Permitting perspective, individual stakeholders should provide input from the river authorities, environmental groups, counties, etc. with regard to the GMA permitting process.
- The Planning Group decisions could inevitably and indirectly influence the decisions of permitting agencies, irrespective of its intent to do so.
- The Planning Group was not intended to be a regulatory agency.
- The Planning Group needs to have minimum standards for projects, and viable alternatives.
- The Planning Group may find it useful to increase educational outreach to the public to better portray its purpose.

After the discussion, Linda Ximenes reviewed the items discussed. Chairwoman Scott told the Planning Group that, based on the discussion, the Administrator—working with the Executive Committee—would develop a guiding principle for this component of the 2021 Plan Enhancement Process. Those guiding principles will be presented at the November 3, 2016, SCTRWPG meeting for consideration with the goal of adoption.

AGENDA ITEM NO. 14: ADMINISTRATOR UPDATE ON INTERLOCAL AGREEMENT FOR FUNDING SCTRWPG ADMINISTRATIVE COSTS FOR THE FIFTH CYCLE OF REGIONAL WATER PLANNING

Cole Ruiz briefed the Planning Group on the draft Interlocal Agreement for Funding the Region L Administrative Costs for calendar years 2017-2020. Mr. Ruiz encouraged Planning Groups members to commit their organizations to contributing to the fund. Mr. Ruiz also explained the timeline for adopting the Interlocal Agreement.

AGENDA ITEM NO. 15: POSSIBLE AGENDA ITEMS FOR THE NEXT REGION L MEETING

- A. REVIEW AND ADOPTION OF NEW GUIDING PRINCIPLES**
- B. 2021 PLAN ENHANCEMENT DISCUSSION ON 1) THE ADEQUACY OF EVALUATING THE PLAN'S EFFECTS ON FRESHWATER INFLOWS TO SAN ANTONIO BAY, 2) THE ADEQUACY OF ENVIRONMENTAL ASSESSMENTS OF INDIVIDUAL WMS'S, AND 3) A SET OF GUIDING PRINCIPLES TO SERVE AS BLUEPRINT FOR LONG-TERM SUSTAINABILITY.**
- C. TEXAS A&M INSTITUTE FOR RENEWABLE NATURAL RESOURCES LAND TREND/ WATER RESOURCES STUDY PRESENTATION**
- D. AUTHORIZATION FOR ADMINISTRATOR TO PROVIDE PUBLIC NOTICE AND SUBMIT A GRANT APPLICATION TO TWDB FOR FIFTH CYCLE FUNDING, AND TO NEGOTIATE AND EXECUTE THE AMENDMENT TO THE TWDB CONTRACT**

Chairwoman Scott reviewed the items that would be presented at the November Region L meeting, which included reviewing and adopting the guiding principles discussed today; and discussing the 2021 Plan Enhancement Process components, including the 1) the adequacy of evaluating the plan's effects on freshwater inflows to San Antonio bay, 2) the adequacy of environmental assessments of individual water management strategies, and 3) a set of guiding principles to serve as blueprint for long-term sustainability. Additionally, the Texas A&M Institute for Renewable Natural Resources was scheduled to present on a study regarding Texas land trends and water resources at the November meeting. Also scheduled for November, was Planning Group action authorizing the Administrator to provide public note and submit grant application to TWDB for fifth cycle funding.

The Planning Group would also consider filling the Counties vacancy at the November meeting.

AGENDA ITEM NO. 16: PUBLIC COMMENT

No comments were made.

Chairwoman Scott adjourned the meeting.

GARY MIDDLETON, SECRETARY

Approved by the South Central Texas Regional Water Planning Group at a meeting held on November 3, 2016.

SUZANNE SCOTT, CHAIR

3. Selection of Representative to Fill Counties Vacancy on South Central Texas Regional Water Planning Group (SCTRWPG)

South Central Texas Regional Water Planning Group

2021 Regional Water Plan Enhancement Process Guiding Principles

Appropriateness and Adequacy of How Demand and Need are Determined

Guiding Principle:

Discussed at SCTRWPG meeting on May 5, 2016, Adopted on August 4, 2016

The South Central Texas Regional Water Planning Group (SCTRWPG) generally defers to the Texas Water Development Board (TWDB) on matters related to population and water demand projections. However, the SCTRWPG retains the duty to review TWDB projections on a case by case basis. Where the SCTRWPG finds a discrepancy in TWDB's projections, and can adequately justify its findings by verifying one or more of the "criteria for adjustment," TWDB – in consultation with Texas Department of Agriculture, Texas Commission on Environmental Quality, and Texas Parks and Wildlife Department – may adjust population and/or water demand projections accordingly (see generally *General Guidelines for Fifth Cycle of Regional Water Plan Development*, Article 2. *Population and Water Demand Projections*). Consistent with Chapter 8 of the 2016 Regional Water Plan for Region L, the SCTRWPG supports greater TWDB flexibility through relaxation of current methodological assumptions holding regional and state population projection totals fixed (see Chapter 8.9.3 *Population and Water Demand Projections*). Water demand projections used in developing the Regional Water Plan should be consensus figures arrived at by using TWDB data along with local input from the cities, counties, and groundwater districts.

Role of Regional Water Planning Groups in Influencing Population Growth and Land Use

Guiding Principle:

Discussed at SCTRWPG meeting on May 5, 2016, Adopted August 4, 2016

Where the concepts of population growth and land use necessarily interrelate with the Regional Water Plan, the SCTRWPG shall, to the greatest extent possible, develop strategies to meet future projected demands. However, it is neither the role, nor the responsibility of the SCTRWPG to influence population growth or land use. While the SCTRWPG has a duty to remain cognizant of the sensitive relationship between the Regional Water Plan, population growth and land use, decisions concerning permitting and influencing population growth are inherently local, and remain wholly independent from the regional water planning process.

Conflicts of Interests With Respect to Planning Group Members

Guiding Principle:

Discussed at SCTRWPG meeting on May 5, 2016, Adopted August 4, 2016

1. Active Planning Group Members

All disclosures pursuant to Article V, Section 6 of the SCTRWPG Bylaws, are the responsibility of the planning group member or designated alternate who has the potential conflict of interest. Therefore, disclosures are the responsibility of the planning group member or designated alternate. If the voting member chooses to abstain from participation in deliberations, decisions, or voting, pursuant to Article V, Section 6 of the SCTRWPG Bylaws, the reason for abstention shall be noted in the minutes.

SCTRWPG Bylaw Excerpt

Potential conflicts of interest shall be clearly stated by the voting member or designated alternate prior to any deliberation or action on an agenda item with which the joint member or designated alternate may be in conflict. Where the potential conflict is restricted to a divisible portion of an agenda item, the Chair may divide the agenda item into parts for deliberation and voting purpose. An abstention from participation in deliberations, decisions or voting and the reason therefore shall be noted in the minutes.

(see *SCTRWPG Bylaws*, Article V, Section 6, (b))

2. Nomination Process

Where the SCTRWPG is soliciting nominations to fill vacancies on the planning group, nominators shall provide information regarding the nominee's current employer, and provide a description of the nominee's experience that qualifies him/her for the position in the interest group being sought to represent.

Additionally, nominees shall agree to abide by the Code of Conduct, which is incorporated in the SCTRWPG Bylaws (see *SCTRWPG Bylaws*, Article V, Section 6). As per the Bylaws, the Executive Committee will conduct an interview process whereby nominees will be evaluated. Prior to the interview, nominees will be provided a copy of the Bylaws. During the interview process, nominees will be asked if they are willing to agree to the Bylaws, and specifically, if they are willing to comply with the Code of Conduct.

[<<Prev Rule](#)[Next Rule>>](#)

Texas Administrative Code

TITLE 31	NATURAL RESOURCES AND CONSERVATION
PART 10	TEXAS WATER DEVELOPMENT BOARD
CHAPTER 357	REGIONAL WATER PLANNING
SUBCHAPTER A	GENERAL INFORMATION
RULE §357.11	Designations

(a) The Board shall review and update the designations of RWPA's as necessary but at least every five years, on its own initiative or upon recommendation of the executive administrator. The Board shall provide 30 days notice of its intent to amend the designations of RWPA's by publication of the proposed change in the *Texas Register* and by mailing the notice to each mayor of a municipality with a population of 1,000 or more or which is a county seat that is located in whole or in part in the RWPA's proposed to be impacted, to each water district or river authority located in whole or in part in the RWPA based upon lists of such water districts and river authorities obtained from the Commission, and to each county judge of a county located in whole or in part in the RWPA's proposed to be impacted. After the 30 day notice period, the Board shall hold a public hearing at a location to be determined by the Board before making any changes to the designation of a RWPA.

(b) If upon boundary review the Board determines that revisions to the boundaries are necessary, the Board shall designate areas for which regional water plans shall be developed, taking into consideration factors such as:

- (1) River basin and aquifer delineations;
- (2) Water utility development patterns;
- (3) Socioeconomic characteristics;
- (4) Existing regional water planning areas;
- (5) Political subdivision boundaries;
- (6) Public comment; and
- (7) Other factors the Board deems relevant.

(c) After an initial coordinating body for a regional water planning group is named by the Board, the RWPGs shall adopt, by two-thirds vote, bylaws that are consistent with provisions of this chapter. Within 30 days after the Board names members of the initial coordinating body, the executive administrator shall provide to each member of the initial coordinating body a set of model bylaws which the RWPG shall consider. The RWPG shall provide copies of its bylaws and any revisions thereto to the executive administrator. The bylaws adopted by the RWPG shall at a minimum address the following elements:

- (1) definition of a quorum necessary to conduct business;
- (2) method to be used to approve items of business including adoption of regional water plans or amendments thereto;
- (3) methods to be used to name additional members;
- (4) terms and conditions of membership;

(5) methods to record minutes and where minutes will be archived as part of the public record; and

(6) methods to resolve disputes between RWPG members on matters coming before the RWPG.

(d) RWPGs shall maintain at least one representative of each of the following interest categories as voting members of the RWPG. However, if a RWPA does not have an interest category below, then the RWPG shall so advise the EA and no membership designation is required.

(1) Public, defined as those persons or entities having no economic interest in the interests represented by paragraphs (2) - (12) of this subsection other than as a normal consumer;

(2) Counties, defined as the county governments for the 254 counties in Texas;

(3) Municipalities, defined as governments of cities created or organized under the general, home-rule, or special laws of the state;

(4) Industries, defined as corporations, partnerships, sole proprietorships, or other legal entities that are formed for the purpose of making a profit and which produce or manufacture goods or services and which are not small businesses;

(5) Agricultural interests, defined as those persons or entities associated with production or processing of plant or animal products;

(6) Environmental interests, defined as those persons or groups advocating the conservation of the state's natural resources, including but not limited to soil, water, air, and living resources;

(7) Small businesses, defined as corporations, partnerships, sole proprietorships, or other legal entities that are formed for the purpose of making a profit, are independently owned and operated, and have fewer than 100 employees or less than \$1 million in gross annual receipts;

(8) Electric generating utilities, defined as any persons, corporations, cooperative corporations, or any combination thereof, meeting each of the following three criteria: own or operate for compensation equipment or facilities which produce or generate electricity; produce or generate electricity for either wholesale or retail sale to others; and are neither a municipal corporation nor a river authority;

(9) River authorities, defined as any districts or authorities created by the legislature which contain areas within their boundaries of one or more counties and which are governed by boards of directors appointed or designated in whole or part by the governor or board, including, without limitation, San Antonio River Authority and Palo Duro River Authority;

(10) Water districts, defined as any districts or authorities, created under authority of either Texas Constitution, Article III, §52(b)(1) and (2), or Article XVI, §59 including districts having the authority to regulate the spacing of or production from water wells, but not including river authorities;

(11) Water utilities, defined as any persons, corporations, cooperative corporations, or any combination thereof that provide water supplies for compensation except for municipalities, river authorities, or water districts; and

(12) Groundwater management areas, defined as a single representative for each groundwater management area that is at least partially located within a RWPA. Defined as a representative from a groundwater conservation district that is appointed by the groundwater conservation districts within the associated groundwater management area.

(e) The RWPGs shall add the following non-voting members, who shall receive meeting notifications and information in the same manner as voting members:

- (1) Staff member of the Board to be designated by the EA;
 - (2) Staff member of the Texas Parks and Wildlife Department designated by its executive director;
 - (3) Member designated by each adjacent RWPG to serve as a liaison;
 - (4) One or more persons to represent those entities with headquarters located in another RWPA and which holds surface water rights authorizing a diversion of 1,000 acre-feet a year or more in the RWPA, which supplies water under contract in the amount of 1,000 acre-feet a year or more to entities in the RWPA, or which receives water under contract in the amount of 1,000 acre-feet a year or more from the RWPA; and
 - (5) Staff member of the Texas Department of Agriculture designated by its commissioner.
- (f) Each RWPG shall provide a current list of its members to the EA; the list shall identify the interest represented by each member including interests required in subsection (d) of this section.
- (g) Each RWPG, at its discretion, may at any time add additional voting and non-voting representatives to serve on the RWPG for any new interest category, including additional representatives of those interests already listed in subsection (d) of this section that the RWPG considers appropriate for water planning.
- (h) Each RWPG, at its discretion, may remove individual voting or non-voting members or eliminate RWPG representative positions in accordance with the RWPG bylaws as long as minimum requirements of RWPG membership are maintained in accordance with subsection (d) of this section.
- (i) RWPGs may enter into formal and informal agreements to coordinate, avoid conflicts, and share information with other RWPGs or any other interests within any RWPA for any purpose the RWPGs consider appropriate including expediting or making more efficient water planning efforts. These efforts may involve any portion of the RWPG membership. Any plans or information developed through these efforts by RWPGs or by committees may be included in a RWP only upon approval of the RWPG.
- (j) Upon request, the EA will provide technical assistance to RWPGs, including on water supply and demand analysis, methods to evaluate the social and economic impacts of not meeting needs, and regarding drought management measures and water conservation practices.

Source Note: The provisions of this §357.11 adopted to be effective August 12, 2012, 37 TexReg 5797

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Counties Nominees

Thomas Jungman

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: JUDGE WALTER R. LONG, JR.

ADDRESS: 210 WEST CALVERT, SUITE 160, KARNES CITY, TX 78118

PHONE: 830-780-3732 **FAX:** 830-780-4538 **EMAIL:** walter.long@co.karnes.tx.us

OCCUPATION COUNTY JUDGE

NOMINEE

NAME: THOMAS ANDREW JUNGMAN

ADDRESS: 1251 CR 184, KARNES CITY, TX 78118

PHONE: 830-780-3439 **FAX:** ----- **EMAIL:** Pending

INTEREST AREA: Underground And Above Ground Water Resources

COUNTY: KARNES

EMPLOYER: SELF EMPLOYED RANCHER; RANCHES IN MEDINA, KARNES, LAVACA,
AND VICTORIA COUNTIES

**PLEASE GIVE A BRIEF DESCRIPTION OF THE NOMINEE'S EXPERIENCE THAT
WOULD QUALIFY HIM/HER FOR THE POSITION IN THE INTEREST GROUP THEY SEEK TO
REPRESENT:** 25 YEARS AS A CHEMICAL ENGINEER AND 30 YEARS OWNING

AND OPERATING RANCHES IN SOUTH TEXAS

PLEASE LIST ANY PERTINENT AFFILIATIONS:

FARM BUREAU

TEXAS & SOUTHWEST CATTLE RAISERS ASSOCIATION

AMERICAN HEREFORD ASSOCIATION

DATE SUBMITTED: SEPTEMBER 8, 2016

PLEASE ATTACH ADDITIONAL INFORMATION IF DESIRED

Nominations must be received by **5:00 p.m., Friday, June 24, 2016**, 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.

THOMAS
ANDREW
JUNGMAN 1251
CR 184
Karnes City, Texas 78118
Home Telephone: (830) 780-3439

PERSONAL: D.O.B: 4-5-47 Single 5'9" 175 lbs. U.S. Citizen
EDUCATION: 1969 TEXAS A&M UNIVERSITY, College Station, Texas - B.S. Chemical Engineering
MISC.: Certificates: University - Industry Cooperative Education Program, Distinguished Student (Junior Year) **BUSINESS EXPERIENCE:**

1991 OLMOS CREEK RANCH, 1251 CR 184, Karnes City, Texas 78118

Owner/Operator of Purebred Cattle Ranch

Operated a ranch in Karnes County with 50 head of registered Polled Hereford cattle.

ACCOMPLISHMENTS:

- Expanded market to include North Texas and the Southeast part of U.S.A.
- Instituted herd performance testing
- Instituted quality control program with rigid selection pressure for fertility, efficiency, calving ease and good eyes, legs and udders.
- Instituted an artificial insemination program using the best bulls in the USA and Canada to improve and diversify the genetics of the herd
- Increased the top price for bulls sold by 50%
- Increased the top price for cow/calf pairs sold by 100%
- Consulted on the start-up of three ranches utilizing cattle from me and herds in Kentucky, Georgia, S. Carolina

1979 - 1991 AQUALON (A Division of Hercules)

1 Mill Street, Kenedy, Texas 78119

Department Superintendent (Specialties Dept.) (1981 - 1991)

The Kenedy plant uses guar (an agricultural product related to soy beans) to produce water soluble polymers for the oil and gas, paper, textiles, firefighting, and food industries. Basically it is used as a thickener. In the Specialties Department, guar is reacted in computer controlled processes to enhance its solubility and other characteristics.

An example is the reaction of guar with propylene oxide to form hydroxypropyl guar for use in hydraulic fracturing of natural gas wells.

ACCOMPLISHMENTS:

- Depending on demand for product, supervised up to 5 production units, 8 shift supervisors, and 40 operators.
- No lost time accidents in last 5 years.
- * Sales of products from this department totaled \$28M in the best years (70% of total plant sales and a higher percentage of the profits).
- * Cut reject rate in half compared to the years prior to 1981. The department's reject rate was the lowest in the plant for 6 of the last 8 years.

Process Engineer (1979 - 1981)

Provided engineering assistance as follows: plant trials of new products, troubleshooting production unit problems, process design performance evaluation of new equipment, statistical analyses to improve product quality.

ACCOMPLISHMENTS: Returned a product to on-test status after it had been below spec on viscosity for 6 months. A lot of variables were involved --- raw materials, chemical reagents, reaction time - temperature - pressure, and grinding and drying. Plant trials were set up. Kepner-Tregoe analysis was used to analyze data. After one week the problem was defined and the product was returned to specification levels.

THOMAS
ANDREW
JUNGMAN 1251
CR 184
Karnes City, Texas 78118
Home Telephone: (830) 780-3439

1978- 1979 **THE COSMIN CORP. Baltimore, MD.**

General Manager (Reporting to the president)

Cosmin produces ferrous sulfate (sales of \$2 million/yr.) for use in water treatment facilities and the fertilizer industry. My responsibilities included those of both Plant Manager and New Capital Projects Manager.

ACCOMPLISHMENTS:

- * Developed and designed water pollution control projects to bring the plant into compliance with government regulations. This included the successful presentation to and negotiations with the Maryland State Water Resources Association.
- * Authorized a loan application to the SBA for funding of environmental control projects. The loan was approved.

1974- 1978 **MONSANTO. Alvin, TX**

Operations Engineer (Sorbic Acid Unit) (1 year)

Responsible for operations in the sorbic acid unit. Duties included day-to-day problem solving and long-range planning for increasing the unit's output while maintaining product quality.

ACCOMPLISHMENTS:

Through debottlenecking and close attention to maintenance of existing machinery, the demonstrated production rate of the new sorbic acid unit was increased from 50% to 100% of design. Shutdown turnaround time was reduced. Also raw materials usage per pound of product was substantially reduced. For example, carbon filter media usage, the highest cost raw material, was reduced by 50%

Projects Engineer (Distribution Department) (3 years)

The Distribution Department is responsible for storing and transferring raw materials, intermediate products, and finished products. Facilities included 126 storage tanks and 75 loading/unloading stations for tank cars, tank trucks, and barges.

The first year was spent working day-to-day operations and small (\$200,000) projects. After being named senior engineer, I was given the following special assignments:

- Project Team Leader - supervised four engineers responsible for safety, cost reduction, and basic upkeep projects. The team also provided technical assistance to operations.
- Barge Dock Automation - designed and gained approval of a \$313,000 control system that met new U.S. Coast Guard regulations and at the same time increased operator productivity. The internal rate of return on investment was 50%.
- Tank Farm Automation - designed and gained approval of a project to automate the operations of the tank farm by computer control of transfers. The project cost was \$2,700,000 and was justified on an increase in operator productivity. The project payout was three years.

ACCOMPLISHMENTS:

Through innovative automation techniques the future manpower requirements of the department were reduced by 26 people.

1973- 1974 **SOUTHWEST LATEX COMPANY, Division of Dart Industries, Inc.**
Houston, TX

Plant Project Engineer

Responsible for all phases of engineering for a 23MM pound per year latex plant, including the following: process design and economic evaluation, writing of specifications, purchasing, supervision and approval of drawings, supervision of project construction and start-up, updating of unit SOP's, and generating the 1974

THOMAS
ANDREW
JUNGMAN 1251
CR 184
Karnes City, Texas 78118
Home Telephone: (830) 780-3439

through 1977 capital project plans.

ACCOMPLISHMENTS:

Thirty projects totaling over \$350M were completed. One \$25M project increased the plant's stripper-concentrator capacity by 30% eliminating the need to purchase another stripper-concentrator unit for the reactor expansion planned in 1976-1977.

1989 - 1972 CELANESE PLASTICS COMPANY, Bishop Texas

Celanese Plastics at Bishop produces a thermoplastic acetal copolymer using formaldehyde as the primary raw material. Distillation columns, extractors, reactors, dryers, blenders, extruders, etc. are utilized in their continuous-type process lines.

Process Engineer (1 1/2 years) Was involved in the following:

Installation and start-up of expansion equipment

Research into simplification of the existing process (long range development) Direction of pilot plant simplification experiments

Designing methods of allocating of utilities to the plastics plant units

Estimating future utilities usage for budgetary purposes

Operations Engineer (1 1/2 years)

Duties included:

Efficiency studies

Presentation of safety meetings to the entire plastics plant

Documentation of operating conditions during running of new polymer variations Solution of daily mechanical and product quality problems

Writing of daily unit operating instructions Supervision of equipment repairs and installations

Weekend duty and relief of unit supervisor during his absences

Presented operating information to Celanese's German affiliate during a joint manufacturing meeting

Supervised all phases of a polymer unit for three months

Summer, 1968 THE LUBRIZOL CORPORATION, Deer Park, Texas

Summer, 1967 Lubrizol produces industrial additives by batch process methods. Fall, 1966 Spring Fall, 1966,
Engineer Trainee (16 months)

Spring 1966 Worked four semesters as a Cooperative Education student. The initial periods were spent as an operator-helper. Duties during the latter two periods included adjustment of blends, calculation of unit efficiencies, correction of equipment breakdowns.

Summer 1965 STATE OF TEXAS, Highway Department, Hondo, Texas Duties included drafting and survey crew work.

References: Dale Keister, former Plant Manager, Aqualon, Kenedy, TX; 10392W Twin Lake Road, Hayward, WI, 54843, phone: (715) 462-4128

From: [Karnes County Judge](#)
To: [Cole Ruiz](#)
Date: Thursday, September 08, 2016 6:03:06 PM
Attachments: [2016_09_08_11_15_00.pdf](#)

The attachment is for Mr. Thomas Andrew Jungman as a nominee for the South Central Regional Water Planning Group. This submittal is from Karnes County.

Karnes County Judge

Walter R. Long Jr

Alan Cockerell

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: Commissioners Court of Guadalupe County

ADDRESS: 221 West Court, Justice Center, Seguin, Texas 78155

PHONE: (830) 303-8857 **FAX:** (830) 303-0250 **EMAIL:** DoreenL@co.guadalupe.tx.us

OCCUPATION: Governmental Entity

NOMINEE

NAME: Alan Cockerell

ADDRESS: P.O. Box 833, Seguin, Texas 78156

PHONE: (830) 401-2409 **FAX:** (830) 401-2481 **EMAIL:** acockerell@seguintexas.gov

INTEREST AREA: County

COUNTY: Guadalupe

EMPLOYER: City of Schertz

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

Alan has exhibited strength in leadership through his involvement in the regional water planning process as a voting member of Region L representing Agriculture since 2011. He is General Manager of the Schertz/Seguin Local Government Corporation and Executive Director of the Cibolo Valley Local Government Corporation. Alan recognizes the value of water as a natural and necessary resource and realizes the benefit of regional water planning. (for additional information please see attached)

PLEASE LIST ANY PERTINENT AFFILIATIONS:

Alan is a member of American Water Works Association, National Groundwater Association, and American Society for Quality, and continues to serve as the Regional Water Alliance council representative.

DATE SUBMITTED: **June 23, 2016**

PLEASE ATTACH ADDITIONAL INFORMATION IF DESIRED

Nominations must be received by **5:00 p.m., Friday, June 24, 2016** 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: Faxed to (210) 302-3692 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.

ALAN COCKERELL, P.E.

General Manager
Schertz/Seguin Local Government Corporation

Executive Director
Cibolo Valley Local Government Corporation

108 W. Mountain Street
Seguin, Texas 78155
(830) 401-2403

acockerell@sequintexas.gov

Alan Cockerell has held the position of General Manager for Schertz/Seguin Local Government Corporation (SSLGC) since October 2005. He also holds the position of Executive Director of the Cibolo Valley Local Government Corporation (CVLGC) since its inception in 2011. His career spans decades including experience in operations, manufacturing, quality assurance, engineering, planning and public relations. Alan is a Registered Professional Engineer in the State of Texas, Certified Quality Manager and Quality Auditor by the American Society for Quality.

Alan earned his Bachelors of Science in Agricultural Engineering and Masters of Agriculture in Agricultural Economics, each from Texas A & M University. He served in the Armed Forces and retired as a Lieutenant Colonel from the United States Army Reserves after 28 years of Commissioned Service.

Alan has exhibited strength in leadership through his involvement in the regional water planning process. He has focused on providing a balanced approach to protecting landowner rights along with development of water resources. He is completing his five year term on the Region L planning group as an Agriculture representative. Alan has also been a member of the Regional Water Alliance to assist other water user groups with planning activities. He has been involved in continued expansion projects, acquisition of necessary permits and negotiations of wholesale water contracts with other entities. Alan is actively involved in legislative processes both locally and on the state level. He recognizes the value of water as a natural and necessary resource and realizes the benefit of water planning for the benefit of all.

Alan is a member of American Water Works Association, National Groundwater Association, and American Society for Quality, and continues to serve as a Regional Water Alliance council representative.

Alan Cockerell requests your consideration for the opportunity to serve as a county representative for Region L.

**A RESOLUTION IN SUPPORT OF ALAN COCKERELL TO FILL A VACANT POSITION
ON THE SOUTH CENTRAL REGIONAL WATER PLANNING GROUP (REGION L)**


WHEREAS, the Cibolo Valley Local Government Corporation Board supports the nomination of Alan Cockerell, by the Guadalupe County Commissioner's Court, for the County Vacancy on the South Central Texas Regional Water Planning Group (Region L); and

WHEREAS, the Cibolo Valley Local Government Corporation Board recognizes that Alan Cockerell has the qualifications and would accept the vacant position.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE
CIBOLO VALLEY LOCAL GOVERNMENT CORPORATION:**

That Alan Cockerell be considered for the South Central Texas Regional Water Planning Group County Representative.

Passed and approved this the 23rd day of June, 2016.


Justin Murray, President

Attest:


Lesley Pedde, Secretary

OR

R. Alan Cockerell, Assistant Secretary

STATE OF TEXAS

COUNTY OF GUADALUPE

§
§
§

NO. 06072016-6A

COMMISSIONERS COURT

**A RESOLUTION IN SUPPORT OF ALAN COCKERELL
TO FILL A VOTING MEMBERSHIP VACANCY POSITION ON THE
SOUTH CENTRAL TEXAS REGIONAL WATER PLANNING GROUP (REGION L)**

WHEREAS, the Commissioners Court of Guadalupe County nominates Alan Cockerell for the Vacant County Position on the South Central Texas Regional Water Planning Group (Region L); and

WHEREAS, the Guadalupe County Commissioner's Court recognizes that Alan Cockerell has the qualifications and would accept the vacant position.

NOW THEREFORE, BE IT RESOLVED, by the Commissioners Court of Guadalupe County, that Alan Cockerell is hereby nominated as the Guadalupe County Representative for the South Central Texas Regional Water Planning Group (Region L) to fill a Voting Membership Vacancy Position.

Section 1: The above recited facts are true and correct and adopted herein for all purposes.

Section 2: A true and correct copy of this Resolution shall be forwarded to appropriate officials of the Region L/South Central Regional Water Planning Group.

PASSED AND APPROVED on the **7th** day of June **2016**.

ATTEST:



Teresa Kiel
Teresa Kiel
County Clerk

Jack Shanafelt
Jack Shanafelt
Commissioner, Pct. 2

Judy Cope
Judy Cope
Commissioner, Pct. 4

Kyle Kutscher
Kyle Kutscher
County Judge

Greg Seidenberger
Greg Seidenberger
Commissioner, Pct. 1

Jim O. Wolverton
Jim Wolverton
Commissioner, Pct. 3

SCHERTZ/SEGUIN LOCAL GOVERNMENT CORPORATION
STATE OF TEXAS
COUNTY OF GUADALUPE

**A RESOLUTION IN SUPPORT OF ALAN COCKERELL TO FILL A VACANT POSITION ON
THE SOUTH CENTRAL REGIONAL WATER PLANNING GROUP (REGION L)**

WHEREAS, the Schertz/Seguin Local Government Corporation Board supports the nomination of Alan Cockerell, by the Guadalupe County Commissioner's Court, for the County Vacancy on the South Central Texas Regional Water Planning Group (Region L); and

WHEREAS, the Schertz/Seguin Local Government Corporation Board recognizes that Alan Cockerell has the qualifications and would accept the vacant position.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE
SCHERTZ/SEGUIN LOCAL GOVERNMENT CORPORATION:**

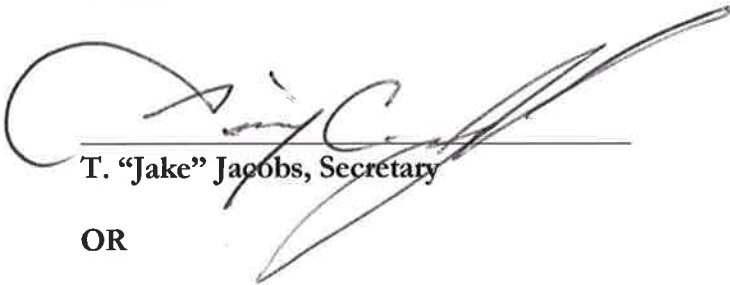
That Alan Cockerell be considered for the South Central Texas Regional Water Planning Group County Representative.

Passed and approved this the 23rd day of June, 2016.



Ken Greenwald, President

Attest:



T. "Jake" Jacobs, Secretary

OR

Bob Pees, Assistant Secretary

Curt Campbell

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: Darrel Lux

ADDRESS: 201 E. San Antonio Ave., Ste 122 Boerne, Texas 78006

PHONE: 830-2499343 **FAX:** 830-249-9478 **EMAIL:**

OCCUPATION Kendall County Judge

NOMINEE

NAME: Curt G. Campbell, P.E.

ADDRESS: 307 Lake View Dr, Boerne ,Texas

PHONE: 830-446-4564 **FAX:** **EMAIL:** ccampbell@westwardenv.com

INTEREST AREA: Counties

COUNTY: Kendall

EMPLOYER: Westward Environmental, Inc

PLEASE GIVE A BRIEF DESCRIPTION OF THE NOMINEE'S EXPERIENCE THAT WOULD QUALIFY HIM/HER FOR THE POSITION IN THE INTEREST GROUP THEY SEEK TO REPRESENT: See Attached

PLEASE LIST ANY PERTINENT AFFILIATIONS:

Board Member - Cow Creek Groundwater Conservation District, President - ASCE San Antonio Branch

DATE SUBMITTED: 06/24/16

PLEASE ATTACH ADDITIONAL INFORMATION IF DESIRED

Nominations must be received by **5:00 p.m., Friday, June 24, 2016**, 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.



COUNTY OF KENDALL

DARREL L. LUX

COUNTY JUDGE

Mike Fincke
Commissioner, Precinct 1

Richard W. Elkins
Commissioner, Precinct 2

Tommy Pfeiffer
Commissioner, Precinct 3

Chad Carpenter
Commissioner, Precinct 4

August 23, 2016

Suzanne Scott
Chair – South Central Texas Regional Water Planning Group
San Antonio River Authority
P.O. Box 839980
San Antonio, TX 78283-9980

Dear Ms. Scott:

I am pleased to nominate Mr. Curt Campbell, PE to represent the Counties interest group as a voting representative on the South Central Texas Regional Planning Group (Region L).

Mr. Campbell is a graduate of Texas Tech University and the University of Florida. He has spent his career focused on hydrology and hydraulics. Mr. Campbell is a current representative of the people of Kendall County on the Cow Creek Groundwater Conservation District Board.

As a graduate of Fredericksburg High School, Mr. Campbell has strong ties to the Texas Hill Country and its Rural Communities. Mr. Campbell's in-depth knowledge of surface and groundwater in the State of Texas would be a definite asset to the Texas Water Development Board.

He is a fifth-generation Texan with ties to Austin's 100. His professional experience and education in water systems planning and design make him specifically suited for this position.

Sincerely,

A handwritten signature in blue ink, appearing to read "D. L. Lux", is written over the word "Sincerely,".

Darrel L. Lux
Kendall County Judge

DLL:swp

CURT CAMPBELL, PE, CFM, LEED AP ND
Engineering Manager

EDUCATION:

MS – Systems Ecology &
Ecological
Engineering – Univ.
of Florida,
Gainesville, FL

MA & BS – Architecture,
Texas Tech Univ.,
Lubbock, TX

BS – Civil Engineering,
Texas Tech Univ.,
Lubbock, TX

CERTIFICATIONS

Professional Engineer
#69200 – State of
Florida,

#106851 – State of
Texas,

#22045 – State of
New Mexico

LEED AP ND #10510460
– USGBC

Floodplain Manager
#2311-12N – TFMA

MEMBERSHIPS

American Society of Civil
Engineers (ASCE):
San Antonio Branch
President 2015-2016
Texas Floodplain
Management
Association (TFMA)

ELECTED OFFICE HELD

Cow Creek Groundwater
Conservation District

PROFESSIONAL PROFILE

Mr. Campbell has over 12 years of experience as a civil engineering consultant with a primary focus on land development. He has been licensed as a Professional Engineer since January 29, 2009. As Engineering Manager at Westward, Mr. Campbell is responsible for the oversight of all engineering, geology, and natural resources projects. Mr. Campbell has performed many hydrologic analysis projects for land development and has taught the PE exam courses for hydrology and hydraulics through ASCE.

As a resident of Kendall County and a current board member for the Cow Creek Groundwater Conservation District, Mr. Campbell is invested in the long term sustainability of the Region's water resources. Mr. Campbell's professional experience has been primarily focused on water issues. He has worked with Public Water Systems, surfacewater treatment systems, industrial wastewater treatment systems, water reuse, wetland treatment systems, water availability, water resources protection, floodplain analysis, and water treatment and distribution systems.

Mr. Campbell is well qualified to represent the Counties Interest Group due to his position on the Cow Creek Groundwater Conservation District (CCGCD) board as a representative of the people of Kendall County. Mr. Campbell serves on the CCGCD permit review subcommittee, which evaluates the impacts of proposed wells on adjacent landowners and compliance with the overall rules and sustainability plan of the district. In addition, he has extensive experience working with counties throughout the state on development projects and has a working knowledge of county structures, rules, functions, and needs from a water perspective.

Mr. Campbell is knowledgeable of the water issues rural communities face, specifically those related to protecting the long-term sustainability of the resources necessary to maintain their quality of life and agricultural needs. Mr. Campbell's experience makes him exceptionally qualified to understand and evaluate the impacts and far reaching ramifications of various projects in the regional plan on rural communities and the people that rely on rural businesses to sustain their way of life.

CURT CAMPBELL, PE, CFM, LEED AP ND
Engineering Manager

EDUCATION:

MS – Systems Ecology &
Ecological
Engineering – Univ.
of Florida,
Gainesville, FL

MA & BS – Architecture,
Texas Tech Univ.,
Lubbock, TX

BS – Civil Engineering,
Texas Tech Univ.,
Lubbock, TX

CERTIFICATIONS

Professional Engineer
#69200 – State of
Florida,

#106851 – State of
Texas,

#22045 – State of
New Mexico

LEED AP ND #10510460
– USGBC

Floodplain Manager
#2311-12N – TFMA

MEMBERSHIPS

American Society of Civil
Engineers (ASCE):
San Antonio Branch
President 2015-2016
Texas Floodplain
Management
Association (TFMA)

ELECTED OFFICE HELD

Cow Creek Groundwater
Conservation District

PROFESSIONAL PROFILE

Mr. Campbell has over 12 years of experience as a civil engineering consultant with a primary focus on land development. He has been licensed as a Professional Engineer since January 29, 2009. As Engineering Manager at Westward, Mr. Campbell is responsible for the oversight of all engineering, geology, and natural resources projects. Mr. Campbell has performed many hydrologic analysis projects for land development and has taught the PE exam courses for hydrology and hydraulics through ASCE.

As a resident of Kendall County and a current board member for the Cow Creek Groundwater Conservation District, Mr. Campbell is invested in the long term sustainability of the Region's water resources. Mr. Campbell's professional experience has been primarily focused on water issues. He has worked with Public Water Systems, surfacewater treatment systems, industrial wastewater treatment systems, water reuse, wetland treatment systems, water availability, water resources protection, floodplain analysis, and water treatment and distribution systems.

Mr. Campbell is well qualified to represent the Counties Interest Group due to his position on the Cow Creek Groundwater Conservation District (CCGCD) board as a representative of the people of Kendall County. Mr. Campbell serves on the CCGCD permit review subcommittee, which evaluates the impacts of proposed wells on adjacent landowners and compliance with the overall rules and sustainability plan of the district. In addition, he has extensive experience working with counties throughout the state on development projects and has a working knowledge of county structures, rules, functions, and needs from a water perspective.

Mr. Campbell is knowledgeable of the water issues rural communities face, specifically those related to protecting the long-term sustainability of the resources necessary to maintain their quality of life and agricultural needs. Mr. Campbell's experience makes him exceptionally qualified to understand and evaluate the impacts and far reaching ramifications of various projects in the regional plan on rural communities and the people that rely on rural businesses to sustain their way of life.

Pat Calhoun

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: Goliad County Commissioners Court
ADDRESS: P.O. Box 677
PHONE: (361) 645-3337 FAX: (361) 645-3474 EMAIL: prulhoun@goliadcountytexas.gov
OCCUPATION: _____

NOMINEE

NAME: A.T. (Pat) Calhoun
ADDRESS: P.O. Box 677
PHONE: (361) 645-3337 FAX: (361) 645-3474 EMAIL: pcalhoun@goliadcountytexas.gov
INTEREST AREA: Counties
COUNTY: Goliad
EMPLOYER: Goliad County

PLEASE GIVE A BRIEF DESCRIPTION OF THE NOMINEE'S EXPERIENCE THAT WOULD QUALIFY HIM/HER FOR THE POSITION IN THE INTEREST GROUP THEY SEEK TO REPRESENT:

- ① Currently County Judge of Goliad County
② 20+ years involvement with water issues through NRCS
Uranium mining and Extension.

PLEASE LIST ANY PERTINENT AFFILIATIONS:

Goliad County Farm Bureau, TSRA Committeeman, NCBA
Committeeman

DATE SUBMITTED: 29 Aug 16

PLEASE ATTACH ADDITIONAL INFORMATION IF DESIRED

Nominations must be received by 5:00 p.m., Friday, June 24, 2016, 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.



WHEREAS, the South Central Texas Regional Water Planning Group (SCTRWPG) maintains two representative of the Counties interest category;

WHEARAS, the SCTRWPG has one vacant position representing the Counties interest category;

WHEARAS, the SCTRWPG issued a Notice to Public on August 11, 2016, soliciting nominations to fill the vacancy for the Counties interest category;

WHEARAS, the Goliad County Commissioner's Court is the county government for Goliad County;

WHEARAS, the Goliad County Commissioner's Court recognizes that Goliad County Judge Pat Calhoun possesses the qualifications for representing the Counties interest category as a voting member of the SCTRWPG; and

WHEARAS, Judge Pat Calhoun has agreed to accept the nomination for the vacant position and serve the role of a SCTRWPG voting member;

NOW THEREFORE, BE IT RESOLVED, by the Commissioner Court of Goliad County, that Judge Pat Calhoun is hereby nominated as the Goliad County representative on the SCTRWPG to fill the vacancy for the SCTRWPG Counties Interest Category.

Signed this date, 29th day of August, 2016.

A handwritten signature in cursive script, reading "Julian Flores", written over a horizontal line.

Julian Flores, Commissioner, Prct. 1

A handwritten signature in cursive script, reading "Alonzo Morales", written over a horizontal line.

Alonzo Morales, Commissioner, Prct. 2

A handwritten signature in cursive script, reading "Ron Bailey", written over a horizontal line.

Ron Bailey, Commissioner, Prct. 3

A handwritten signature in cursive script, reading "David Bruns", written over a horizontal line.

David Bruns, Commissioner, Prct. 4

August 22, 2016

Dear Ms. Scott,

I am pleased to have nominated Pat Calhoun, Goliad County Judge for the Counties position on the South Central Regional Planning Group, Region L. Judge Calhoun has a long history of public service and has expressed a strong desire to serve as a Region L Planner.

Judge Calhoun previously served his Country for many years as a United States Marine. Judge Calhoun has served Goliad County and Texas for many years in various positions with the Farm Bureau. Judge Calhoun has served and currently serves through several community service organizations. Judge Calhoun participates with the Goliad County Groundwater Conservation District and with the San Antonio River Authority on ground and surface water management.

Pat Calhoun, as Goliad County Judge, interfaces with all of the counties in Region L from Bexar County and south.

Judge Pat Calhoun will be a great asset to the Region L Planning Group.

Sincerely,

Art Dohmann

GMA-15 Representative to Region L

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

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)

GSA BBASC: Rough Timeline

- November 30, 2016
 - Have confirmation from current member on whether they intend to remain on the BBASC as an active member or resign.
- December 15, 2016
 - Issue public notice soliciting members to fill vacancies for respective interest categories.
- February 2017
 - Hold meeting to select new members
 - Update meeting rules
 - Elect officers
 - Discuss fate of the BBEST

6. Texas Water Development Board (TWDB) Communications

7. Chair's Report

**8. 2021 Plan Enhancement Process: Recap of Guiding Principles
Previously Discussed and Adopted**

2021 Plan Enhancement Process Schedule

May 2016	The appropriateness and adequacy of how demand and need are determined.	Discussed: May 5, 2016 Adopted: August 4, 2016
	The role of regional water planning groups in influencing population growth and land use.	Discussed: May 5, 2016 Adopted: August 4, 2016
	Defining conflicts of interests of planning group members	Discussed: May 5, 2016 Adopted: August 4, 2016
August 2016	The role of regional water planning groups in influencing water development plans of water suppliers.	Discussed: August 4, 2016 Adopted:
	The role of regional water planning groups in influencing permitting entities.	Discussed: August 4, 2016 Adopted:
November 2016	The adequacy of evaluating the Plan's effects on freshwater inflows to San Antonio Bay.	Discussed: Adopted:
	The adequacy of environmental assessments of individual WMS's.	Discussed: Adopted:
February 2017	How Water Management Strategies are categorized; e.g. Recommended, Alternate, Needing Further Study.	Discussed: Adopted:
	Establishing Minimum standards for Water Management Strategies included in the Plan	Discussed: Adopted:
	Maintaining management supplies while avoiding "over planning".	Discussed: Adopted:
May 2017	Identifying special studies or evaluations deemed important to enhance the 2021 Plan and identification of outside funding sources.	Discussed: Adopted:
	Address the role of reuse within the regional water plan.	Discussed: Adopted:
	The extent to which innovative strategies should be used.	Discussed: Adopted:

South Central Texas Regional Water Planning Group

2021 Regional Water Plan Enhancement Process Guiding Principles

Appropriateness and Adequacy of How Demand and Need are Determined

Guiding Principle:

Discussed at SCTRWPG meeting on May 5, 2016, Adopted on August 4, 2016

The South Central Texas Regional Water Planning Group (SCTRWPG) generally defers to the Texas Water Development Board (TWDB) on matters related to population and water demand projections. However, the SCTRWPG retains the duty to review TWDB projections on a case by case basis. Where the SCTRWPG finds a discrepancy in TWDB's projections, and can adequately justify its findings by verifying one or more of the "criteria for adjustment," TWDB – in consultation with Texas Department of Agriculture, Texas Commission on Environmental Quality, and Texas Parks and Wildlife Department – may adjust population and/or water demand projections accordingly (see generally *General Guidelines for Fifth Cycle of Regional Water Plan Development*, Article 2. *Population and Water Demand Projections*). Consistent with Chapter 8 of the 2016 Regional Water Plan for Region L, the SCTRWPG supports greater TWDB flexibility through relaxation of current methodological assumptions holding regional and state population projection totals fixed (see Chapter 8.9.3 *Population and Water Demand Projections*). Water demand projections used in developing the Regional Water Plan should be consensus figures arrived at by using TWDB data along with local input from the cities, counties, and groundwater districts.

Role of Regional Water Planning Groups in Influencing Population Growth and Land Use

Guiding Principle:

Discussed at SCTRWPG meeting on May 5, 2016, Adopted August 4, 2016

Where the concepts of population growth and land use necessarily interrelate with the Regional Water Plan, the SCTRWPG shall, to the greatest extent possible, develop strategies to meet future projected demands. However, it is neither the role, nor the responsibility of the SCTRWPG to influence population growth or land use. While the SCTRWPG has a duty to remain cognizant of the sensitive relationship between the Regional Water Plan, population growth and land use, decisions concerning permitting and influencing population growth are inherently local, and remain wholly independent from the regional water planning process.

Conflicts of Interests With Respect to Planning Group Members

Guiding Principle:

Discussed at SCTRWPG meeting on May 5, 2016, Adopted August 4, 2016

1. Active Planning Group Members

All disclosures pursuant to Article V, Section 6 of the SCTRWPG Bylaws, are the responsibility of the planning group member or designated alternate who has the potential conflict of interest. Therefore, disclosures are the responsibility of the planning group member or designated alternate. If the voting member chooses to abstain from participation in deliberations, decisions, or voting, pursuant to Article V, Section 6 of the SCTRWPG Bylaws, the reason for abstention shall be noted in the minutes.

SCTRWPG Bylaw Excerpt

Potential conflicts of interest shall be clearly stated by the voting member or designated alternate prior to any deliberation or action on an agenda item with which the joint member or designated alternate may be in conflict. Where the potential conflict is restricted to a divisible portion of an agenda item, the Chair may divide the agenda item into parts for deliberation and voting purpose. An abstention from participation in deliberations, decisions or voting and the reason therefore shall be noted in the minutes.

(see *SCTRWPG Bylaws*, Article V, Section 6, (b))

2. Nomination Process

Where the SCTRWPG is soliciting nominations to fill vacancies on the planning group, nominators shall provide information regarding the nominee's current employer, and provide a description of the nominee's experience that qualifies him/her for the position in the interest group being sought to represent.

Additionally, nominees shall agree to abide by the Code of Conduct, which is incorporated in the SCTRWPG Bylaws (see *SCTRWPG Bylaws*, Article V, Section 6). As per the Bylaws, the Executive Committee will conduct an interview process whereby nominees will be evaluated. Prior to the interview, nominees will be provided a copy of the Bylaws. During the interview process, nominees will be asked if they are willing to agree to the Bylaws, and specifically, if they are willing to comply with the Code of Conduct.

- 9. Discussion and Appropriate Action Adopting Guiding Principles on the Following Issues Identified Through the 2021 Plan Enhancement Process**
 - a. The Role of the Planning Group in Influencing Water Development Plans of Water Suppliers**
 - b. The Role of the Planning Group in Influencing Permitting Entities**

The Role of the Planning Group in Influencing Water Development Plans of Water Suppliers

Guiding Principle:

Discussed at SCTRWPG meeting on August 4, 2016, Adopted:

The role the SCTRWPG is to ensure water needs are met with identified potentially feasible water management strategies. It is neither the responsibility, nor the role of the SCTRWPG to influence or interfere with local water planning decisions. In the absence of a potentially feasible water management strategy to meet an identified need, the SCTRWPG will evaluate and report the social and economic impacts of not meeting the identified need.

The Role of the Planning Group in Influencing Permitting Entities

Guiding Principle:

Discussed at SCTRWPG meeting on August 4, 2016, Adopted:

Decisions made at the planning group level are non-regulatory, and are intended for planning purposes only. While some decisions made by the SCTRWPG could inevitably affect some decisions made by the governing boards of permitting entities, it is neither the responsibility, nor the role of the SCTRWPG to influence or interfere with the regulatory decisions made by the governing boards of permitting entities.

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

- a. The Adequacy of Evaluating the Plan's Effects on Freshwater Inflows to the San Antonio Bay**
- b. The Adequacy of Environmental Assessments of Individual Water Management Strategies**

**11. Discussion and Appropriate Action Setting the SCTRWPG
Meeting Schedule for Calendar Year 2016**

**South Central Texas Regional Water Planning Group
(Region L)**

Potential Dates to Convene Meetings during Calendar Year 2017

***All meetings tentatively scheduled for 9:30 AM

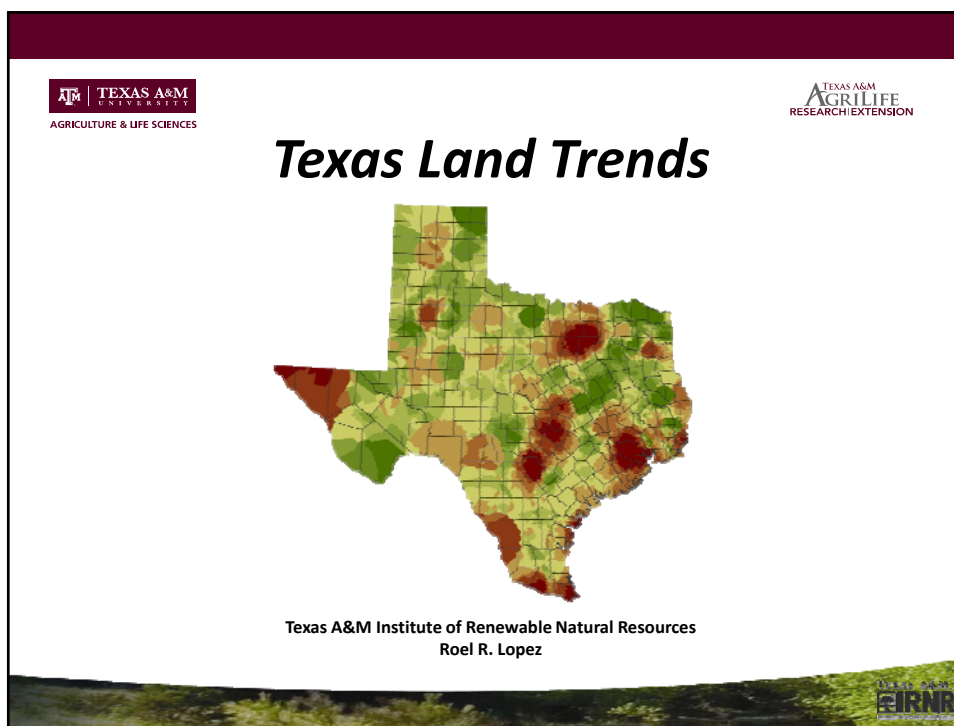
Q1: Thursday, February 2, 2017

Q2: Thursday, May 4, 2017

Q3: Thursday, August 3, 2017

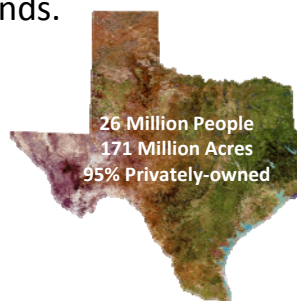
Q4: Thursday, November 2, 2017

**12. Texas A&M Institute for Renewable Natural Resources Land
Trend/ Water Resources Study Presentation (Roel Lopez)**



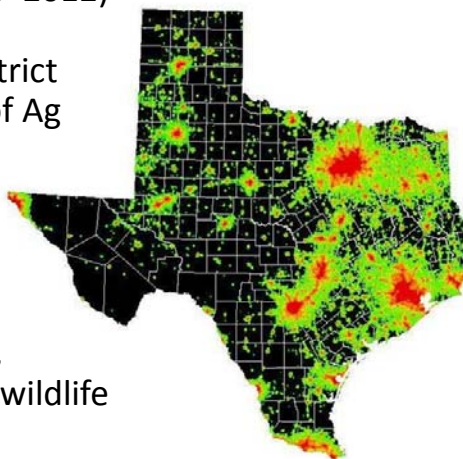
Value of Rural Lands

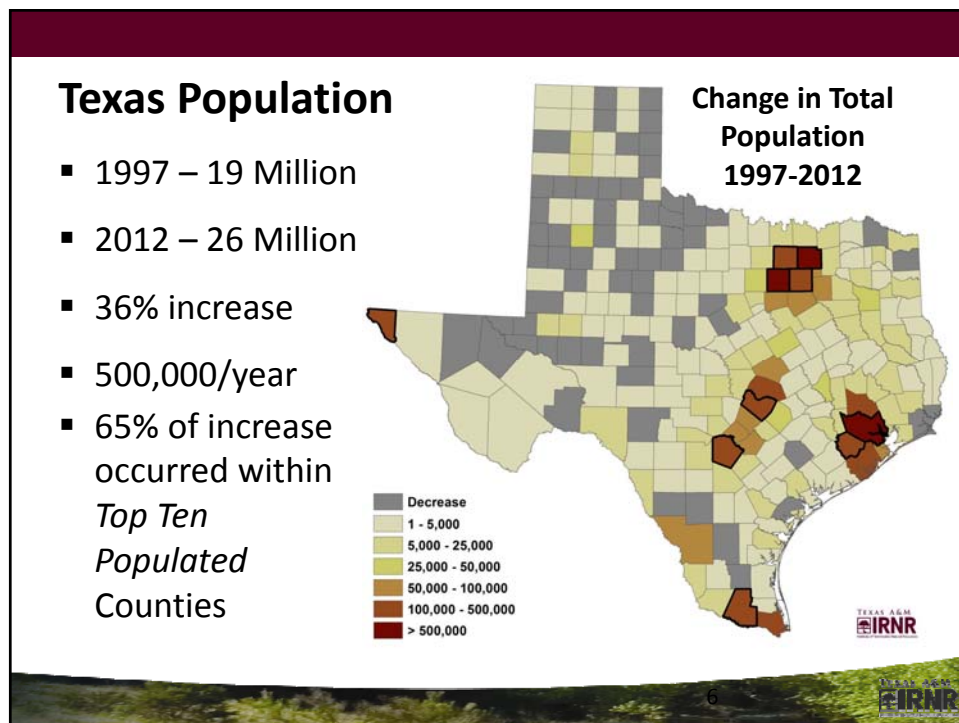
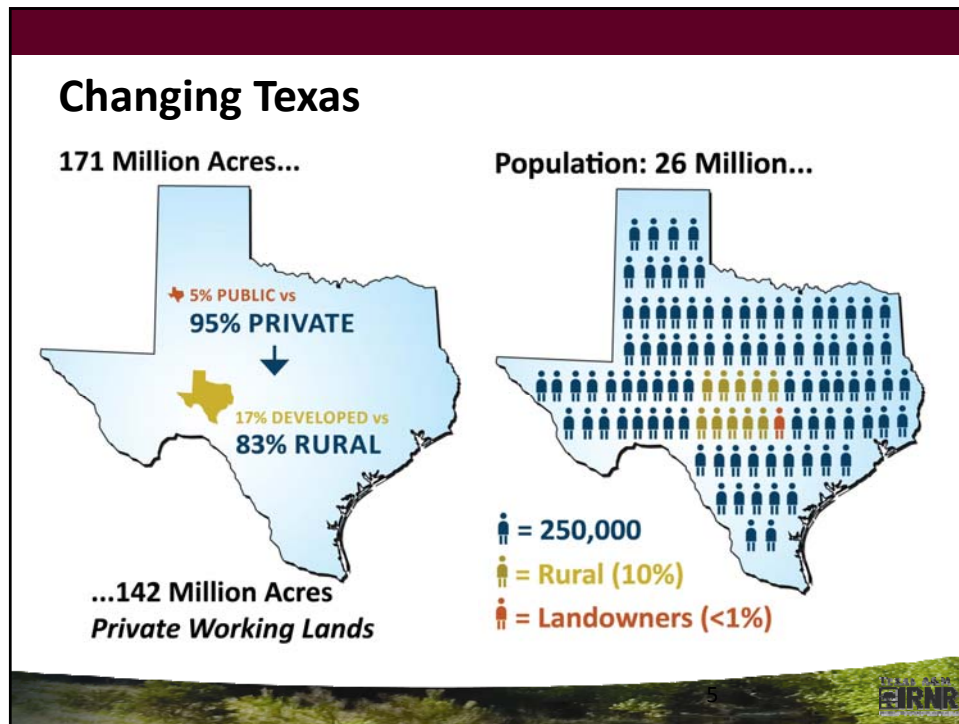
- Rural working lands play an unseen yet critical role in water/food sustainability and national/energy security.
- *Effective* conservation will require innovative solutions to sustaining private rural working lands.
- **Presentation Outline:**
 - Changes in human demographics
 - Changes in land uses
 - Changes in landowner values



Texas Land Trends – *The Data*

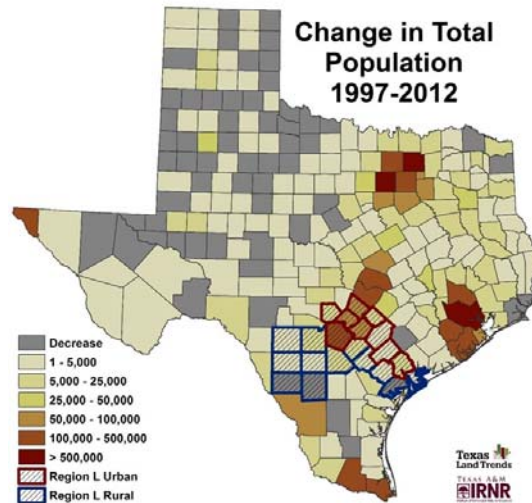
- Trends in land use (1997-2012)
- Primary datasets used
 - County Appraisal District
 - USDA NASS Census of Ag
 - Others
- Relationships among
 - Land Value
 - Land Ownership
 - Land Use
- **Working Lands** – farms, ranches, family forests, wildlife (e.g., 1D, 1D1)



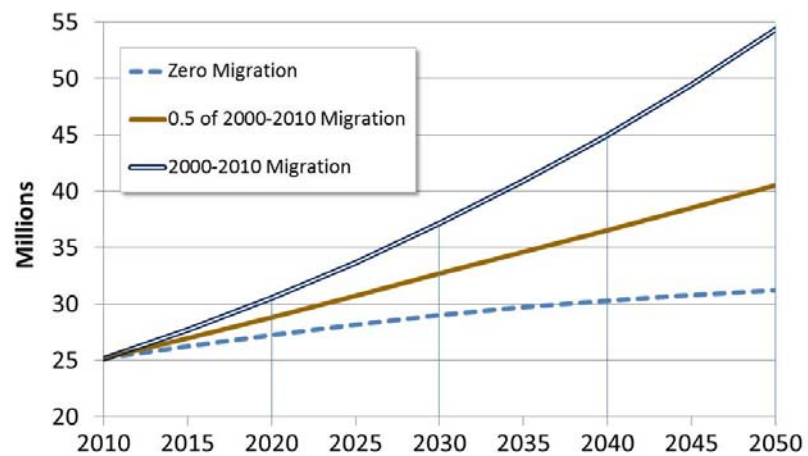


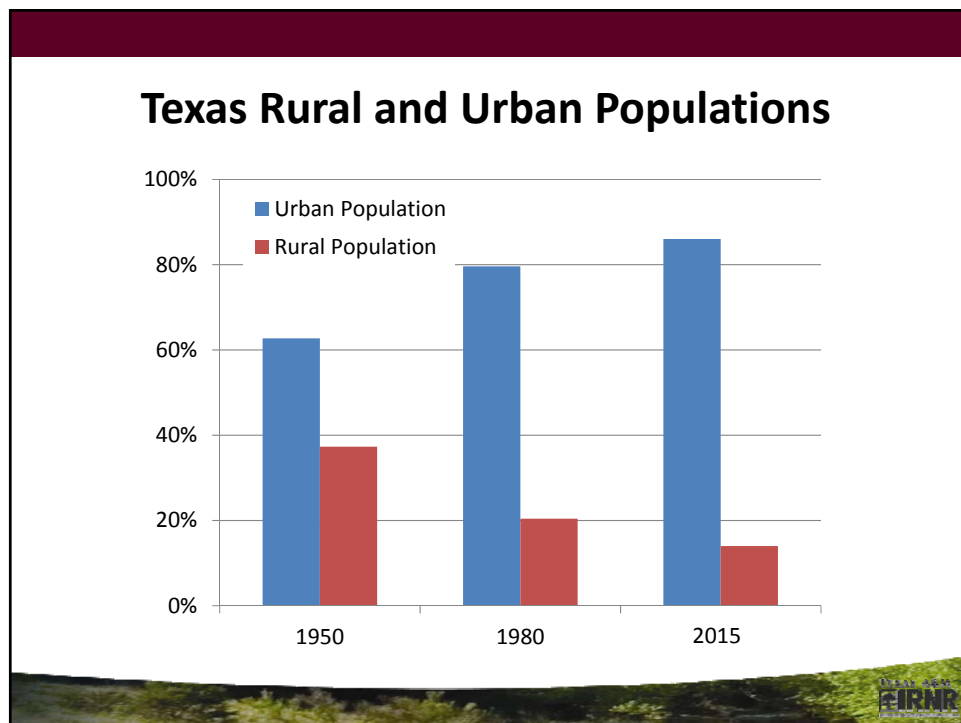
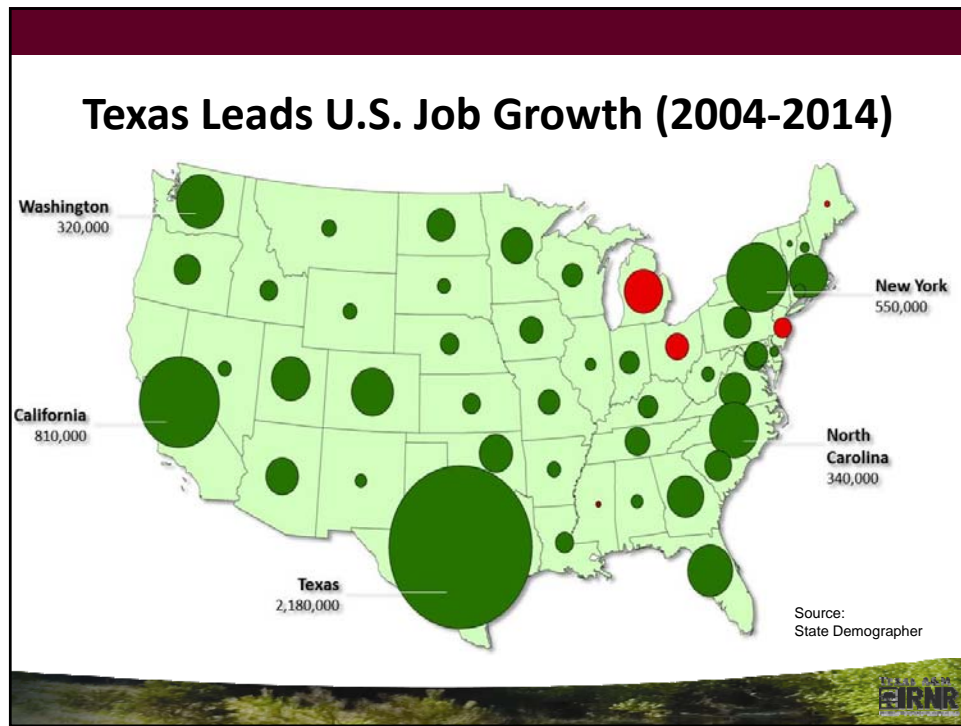
Region L

- 1997 – 2M
- 2012 – 2.6M
- Increase – 0.7M
- 34% increase
- 44,056/year
 - 40,368/year (Urban)
 - 3,688/year (Rural)



Texas Projections (2010-2050)

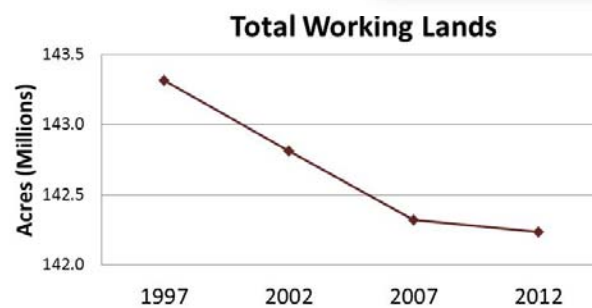


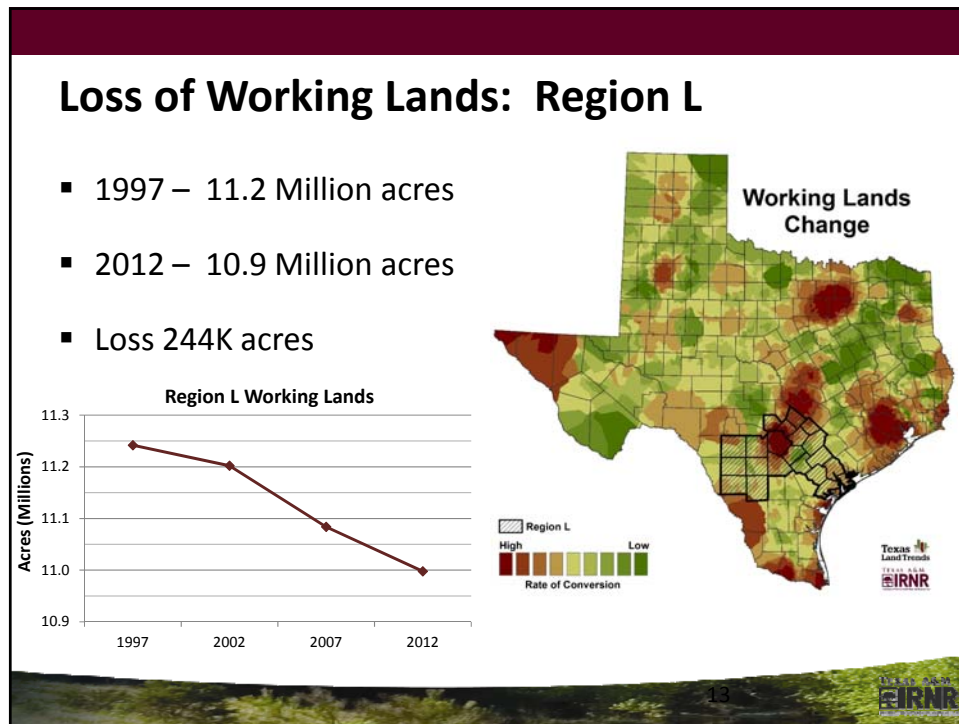




Working Land Loss

- 1997 – 143 Million acres
- 2012 – 142 Million acres
- Loss ~1 Million acres



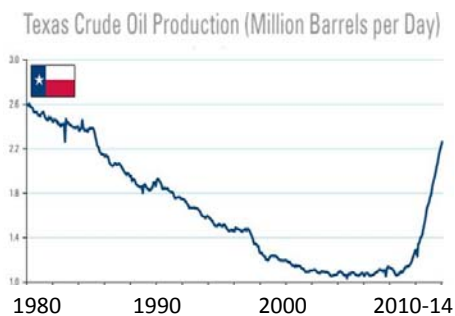


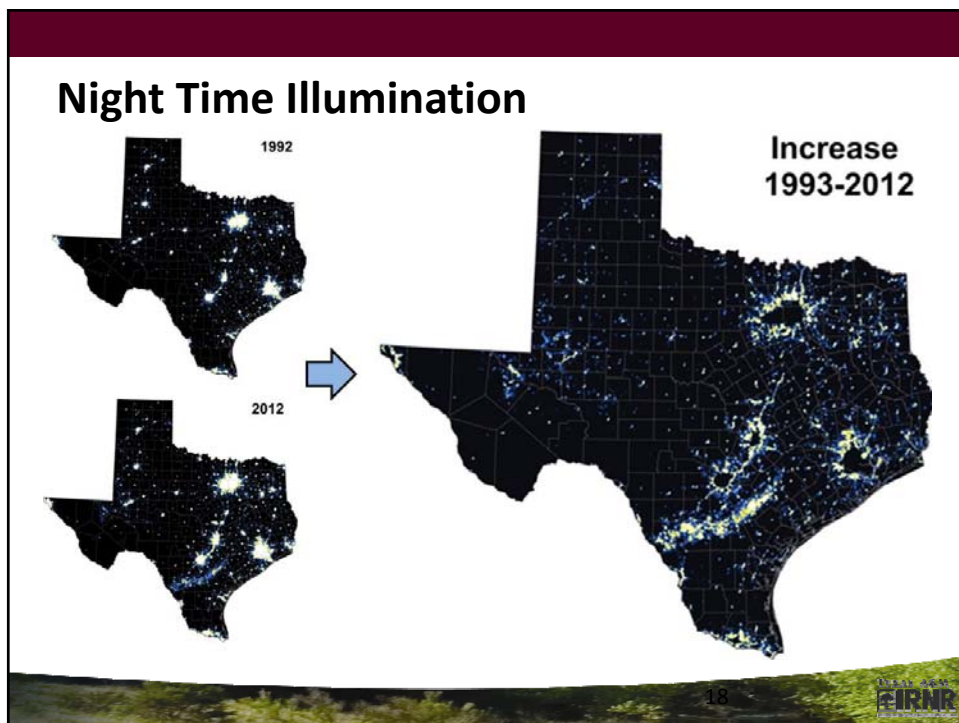
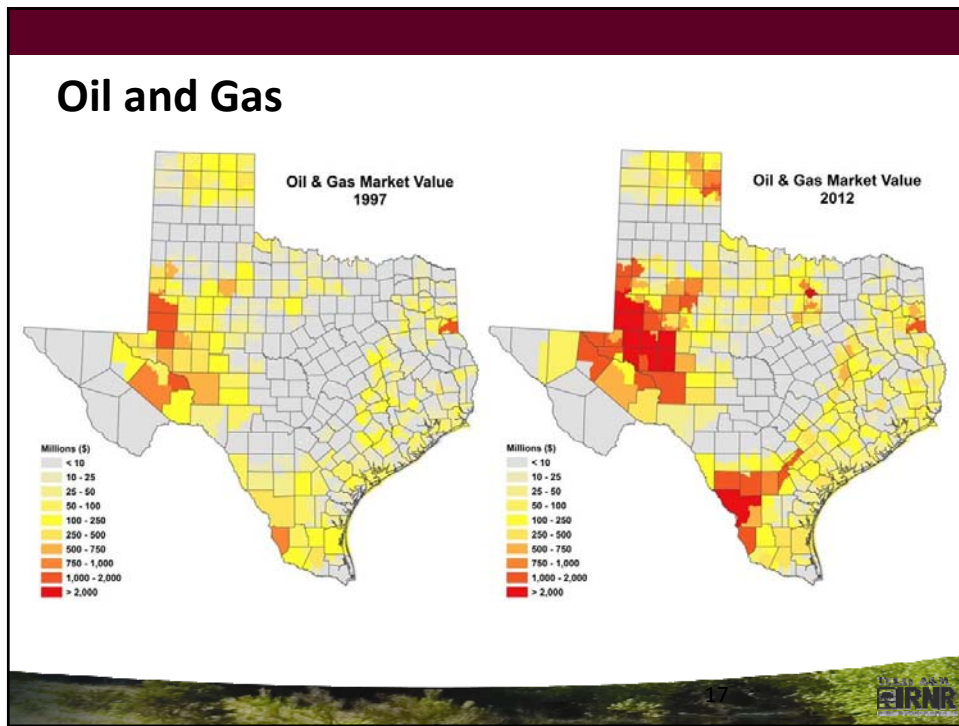
The Good....



Oil and Gas

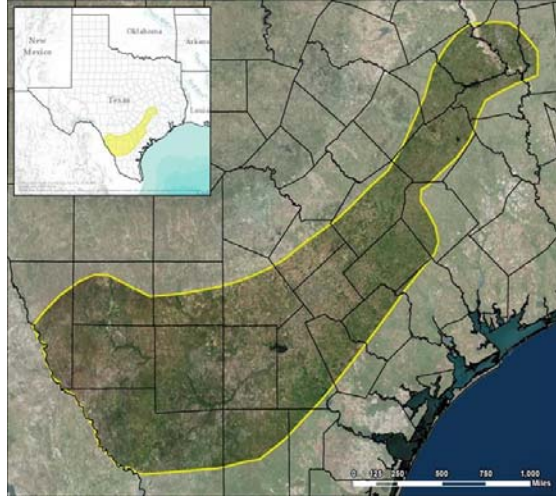
- *Game Changer*—Texas is leading crude oil production state in part to 3 large shale gas plays
 - Barnett, Haynesville and Eagle Ford
- U.S. oil production expected to exceed that of Saudi Arabia by 2017
- Eagle Ford Shale Story
 - \$87B in revenue (2014)
 - Since 2014, natural gas production has *doubled* and oil production has increased 6X.





Oil and Gas – *Eagle Ford Shale*

- Landsat 1993-2014 - CDA
- Estimated increase:
 - 23,000 well pads
 - 84,000 acres
 - 65% of construction occurred 2011-2014



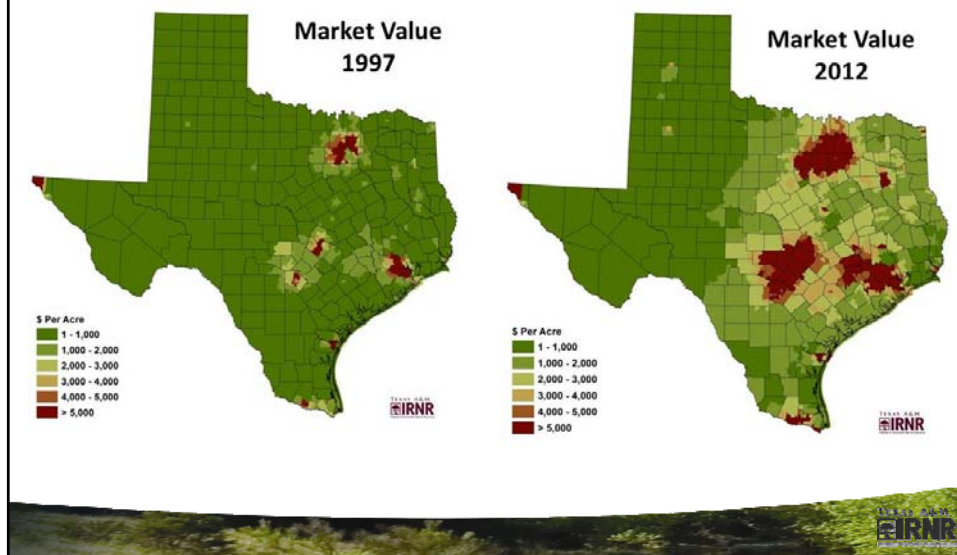
19

TNR
TNR

The Bad....

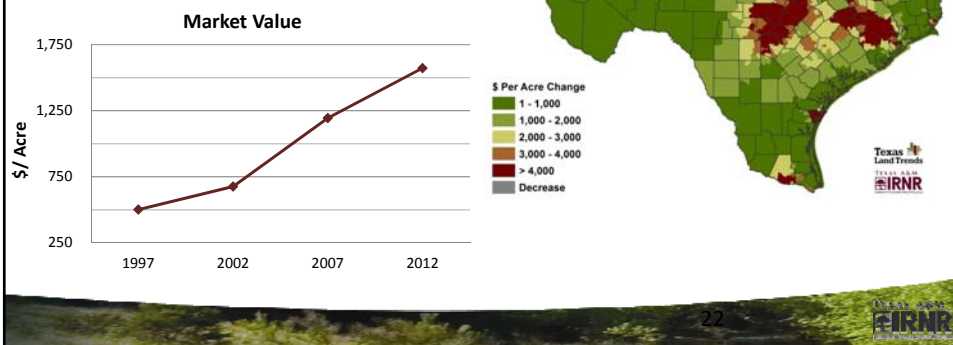
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Market Value - *Driver*



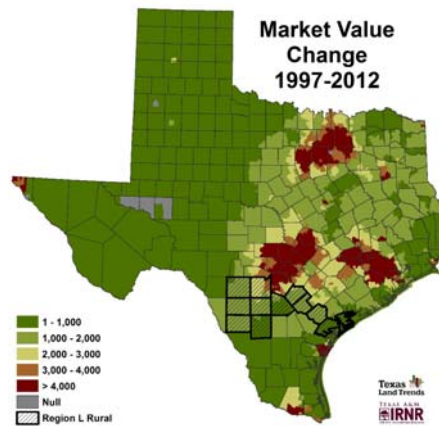
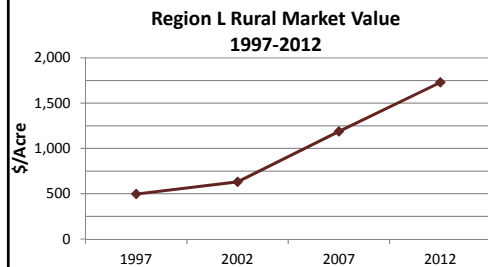
Market Value: Statewide

- 1997 – \$501/Acre
- 2012 – \$1,573/Acre
- Gain of \$1,072/Acre



Market Value: Region L Rural

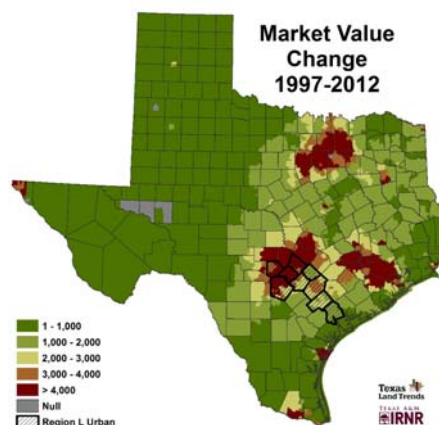
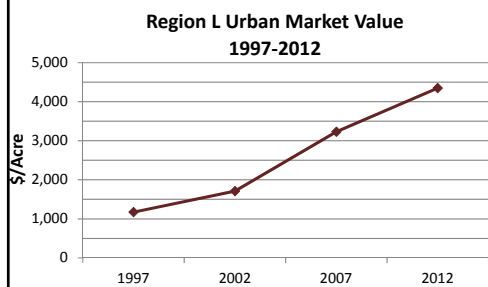
- 1997 – \$496/Acre
- 2012 – \$1,729/Acre
- Gain of \$1,233/Acre



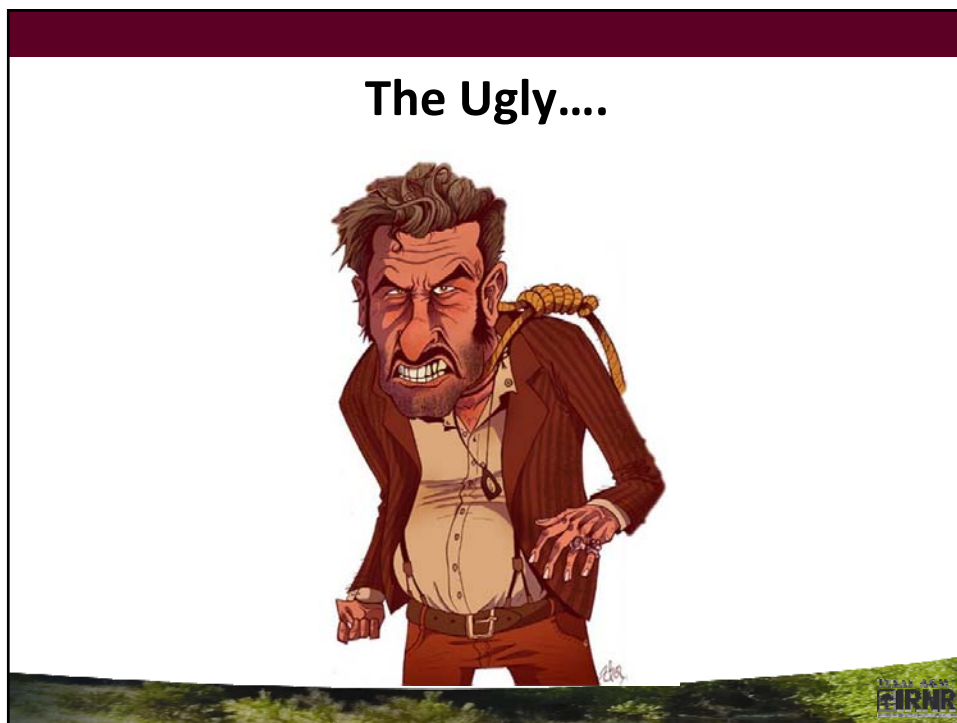
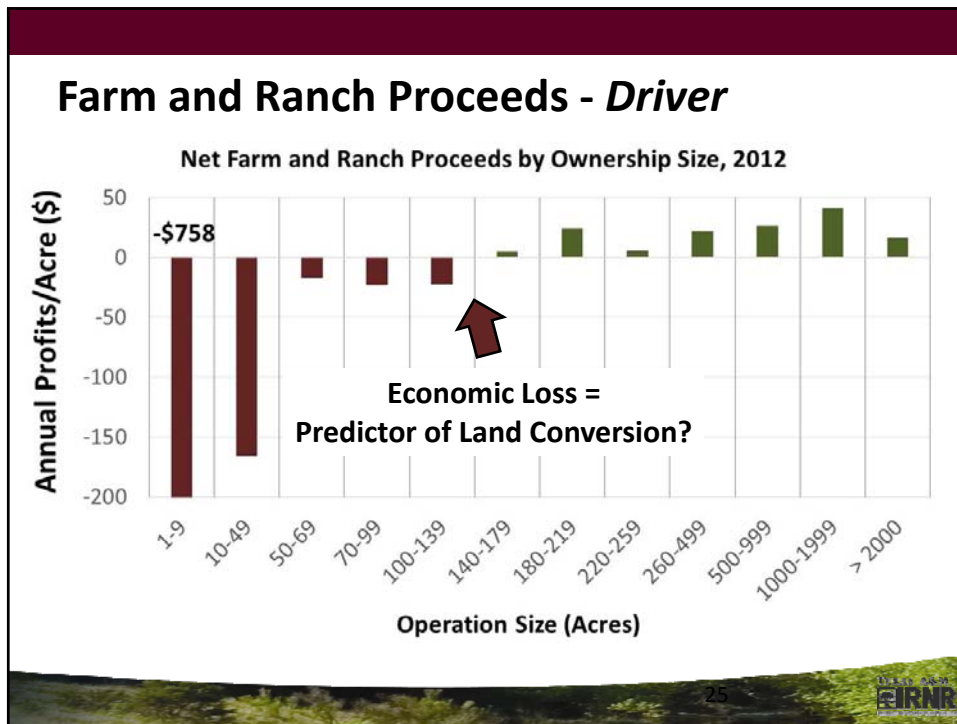
23

Market Value: Region L Urban

- 1997 – \$1,173/Acre
- 2012 – \$4,350/Acre
- Gain of \$3,177/Acre



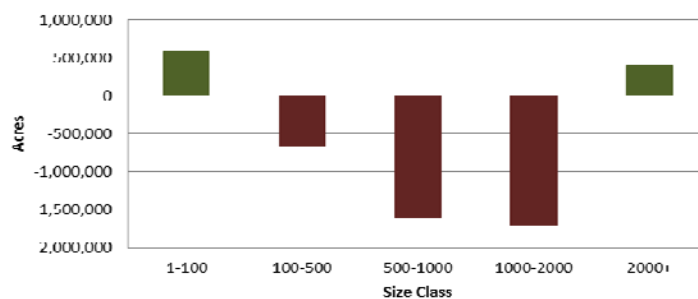
24



Ownership Size - Acres

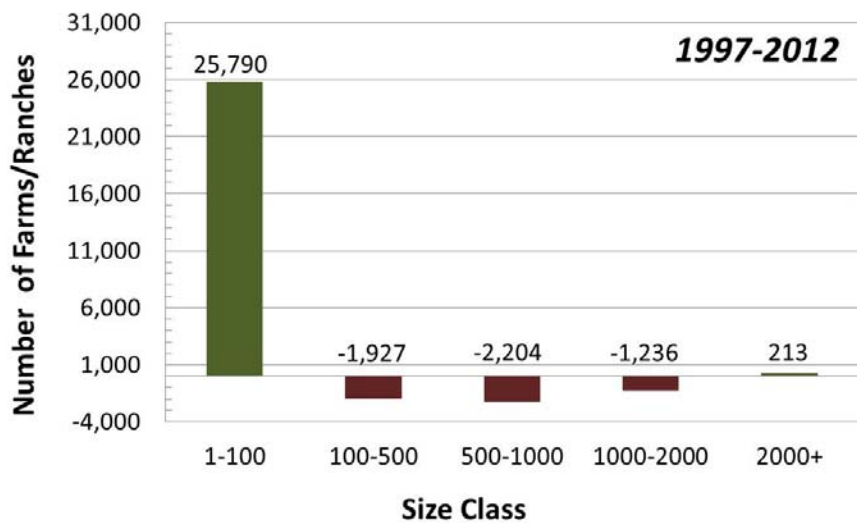
- Ownership size = fragmentation
- Increase (500K acres) of <100 acre farms
- Decrease (4M acres) of 100-2000 acre farms
- Increase (400K acres) of >2000 acre farms

Acres Change By Size Class (1997-2012)

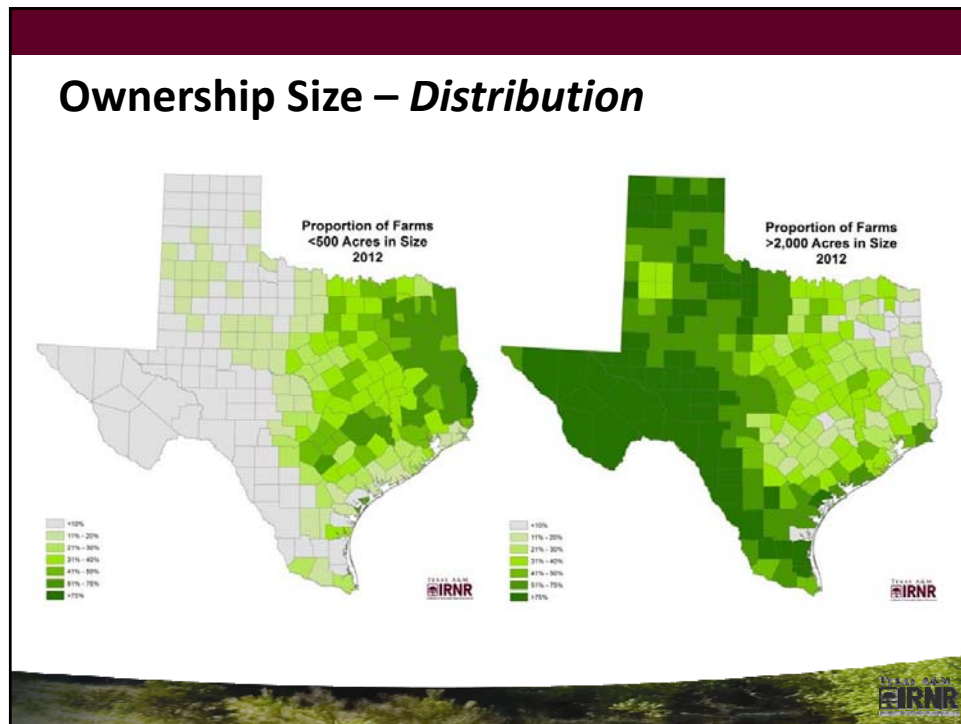


27

Ownership Size – Number



28



Landowner Demographics

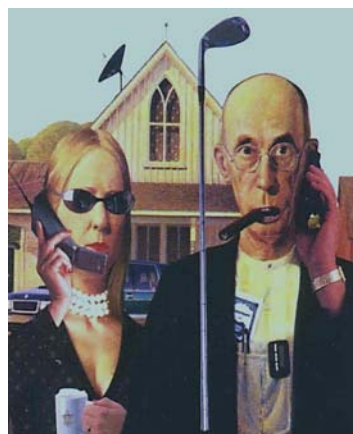
- In 2007, the average farmer – 57 years old; average forest landowners – 65 years old.
- During the next two decades, the U.S. will witness the largest intergenerational transfer of rural lands in its history.



U.S. Forest Service
FIRNR

Landowner Demographics

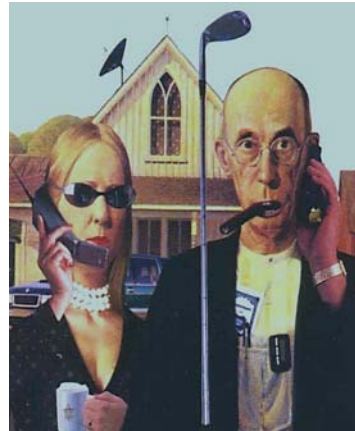
- Future private landowner?
- Younger generation less tied to the land.
- Concerns - estate taxes on holdings
- Buyers/developers who want to make a better return on their investments than farming or ranching can provide.



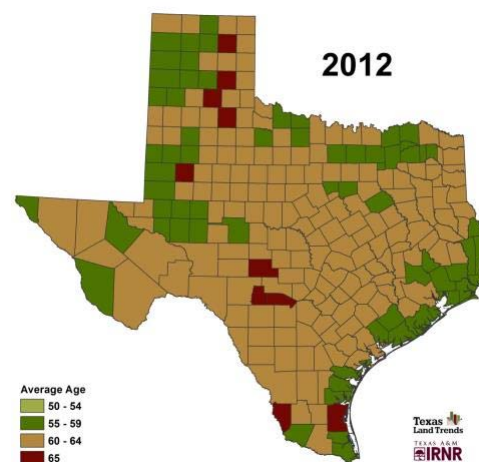
U.S. Forest Service
FIRNR

Landowner Demographics

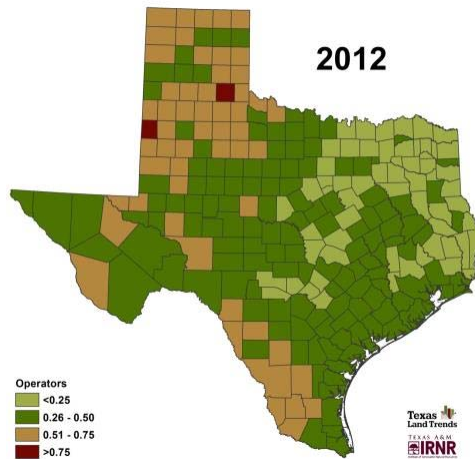
- Absentee ownerships
 - 45% of ownerships
- Part of farm
 - 42% of ownerships
- New ownerships (<10 yrs)
 - 25% of ownerships



Landowner Average Age



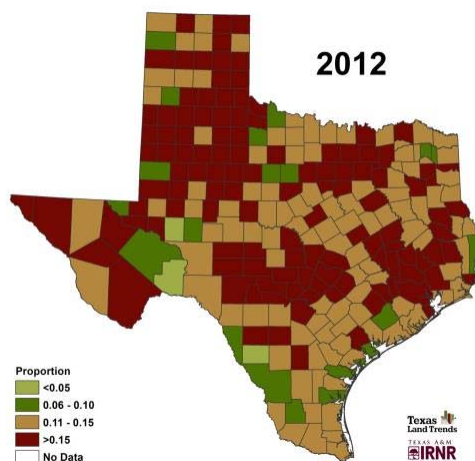
Absentee Operators (Ratio)



35

TEXAS A&M
IRNR

Female Operators (Ratio)



36

TEXAS A&M
IRNR



Why "Land" Matters?

"Water conservation starts where the first rain drop falls".

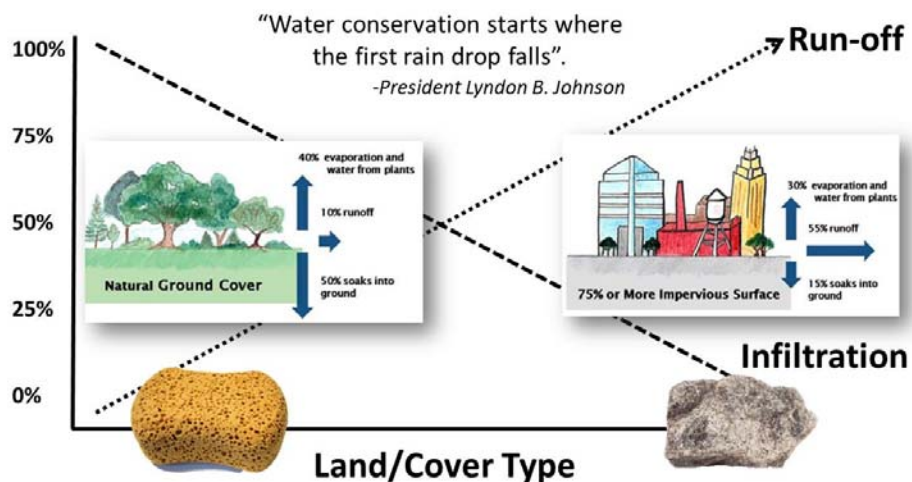
-President Lyndon B. Johnson



Versus

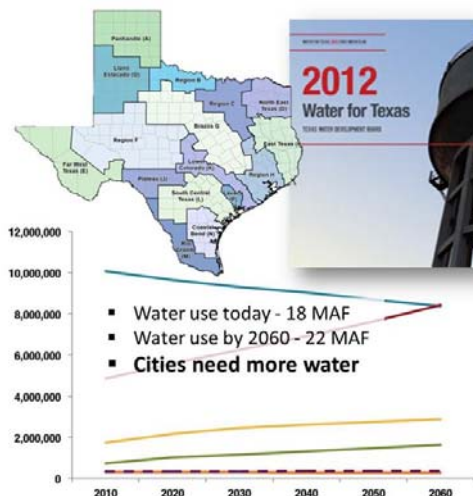


No Land, No Water



Water Demand and State Plan

- State water plan expected to generate 9 million acre-feet/year
- Implementation Costs = **\$53 billion**
– Up from \$30.7 billion in 2007



Land Conservation as Water Strategy?

- Should we consider the value of land conservation as a viable, cost-effective water strategy?
- Is “Land Infrastructure” as important as city infrastructure?
- Strategy in State Water Plan?



44K ac-ft annually

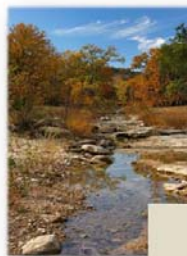
“Yesterday is not ours to recover, but tomorrow is ours to win or lose”.

-President Lyndon B. Johnson

TEXAS A&M
FIRNR

The Grand Challenges...

- **Changing Places** – Loss of working lands, fragmentation and conversion.
- **Changing Perspectives** – Aging landowners, different objectives, largest intergenerational transfer.
- **Changing People** – Increasing human population, shifts in ethnicity and urban residents.
- Communicate the public benefits of private lands...





TEXAS A&M
UNIVERSITY
AGRICULTURE & LIFE SCIENCES



TEXAS A&M
AGRI LIFE
RESEARCH/EXTENSION

*Promoting Private Lands Stewardship through
Research, Education, and Policy.*

<http://irnr.tamu.edu/>
<http://txlandtrends.org/>



TEXAS A&M
IRNR
Institute of Renewable Natural Resources

Roel R. Lopez
roel@tamu.edu



TEXAS A&M
IRNR
Institute of Renewable Natural Resources

13. Discussion and Appropriate Action Authorizing the San Antonio River Authority to Provide Public Notice and Submit a Grant Application to the TWDB on Behalf of the SCTRWPG for Funding to Complete the Fifth Cycle of Regional Water Planning, and to Negotiate and Execute the Amendment to the TWDB Contract

**14. Discussion and Appropriate Action Regarding Consultant's Work
and Schedule**

Estimated Schedule
November 2016 RWPG Meeting

KEY:

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

From: Cole Ruiz
To: ["Kevin Kluge"](#); [Ron Ellis](#); [Temple McKinnon](#)
Cc: [Brian Perkins](#); [Suzanne Scott](#); [Steve Raabe](#); [Phil Cook](#)
Subject: RE: Potential Municipal WUGs - 2021 Regional Water Plans
Date: Friday, September 30, 2016 11:24:00 AM
Attachments: [Potential WUGs_Final_20160628.xlsx](#)

Kevin, Ron, and Temple,

Brian Perkins, Black and Veatch (Technical Consultant for Region L), initiated contact with all the Investor Owned Utilities (IOUs) that meet the volumetric threshold for WUG inclusion within the South Central Texas Regional Water Planning Area. Mr. Perkins also reached out to a couple of Facilities (Texas State University and Joint Base San Antonio). Despite multiple efforts to contact these entities, many were unresponsive. However, several have expressed the desire to participate in the current planning process. Below is a list of the IOUs and Facilities interested in being included during the Fifth Cycle of Regional Water Planning for Region L.

IOUs:

- Air Force Village II Inc
- Aqua Texas
- Canyon Lake Water Service Company
- Kendall West Utility

Facilities:

- Texas State University

With regard to the attached potential WUGs list, please note that Von Ormy is served by SAWS, not Atascosa Rural WSC.

Thank you for allowing us the opportunity make these changes. If you have any specific questions regarding the nature of these changes, please contact Brian Perkins (copied here), or myself.

Many thanks,

Cole Ruiz | Intergovernmental Relations Coordinator

San Antonio River Authority | 100 East Guenther | San Antonio, TX 78204 |

Main:210.227.1373 | Direct:210.302.3293 | cruiz@sara-tx.org

From: Kevin Kluge [mailto:Kevin.Kluge@twdb.texas.gov]

Sent: Thursday, June 30, 2016 1:09 PM

To: cew@pgcd.us; curtis.campbell@rra.texas.gov; jo.puckett@dallascityhall.com; linda.price@wardtimber.com; jreyes@epcwid1.org; jgrant@crmwd.org; wllwilsoncattlecompany@gmail.com; mevans@nhcrwa.com; kholcomb@anra.org; jletz@co.kerr.tx.us; johnburke41@gmail.com; Suzanne Scott; trodriguez1943@yahoo.com; cserrato@STWA.org; WSB3@aol.com; ASpear@mail.ci.lubbock.tx.us; harrison4878@att.net; kingham@theprpc.org; curtis.campbell@rra.texas.gov; danna.prichard@rra.texas.gov; stacey.green@rra.texas.gov; RegionCWPG@trinityra.org; slobodinh@trinityra.org;

netmwd@aol.com; annetteg@riocog.org; marisaq@riocog.org; kwkrueger@crmw.org;
trey.buzbee@brazos.org; blake.kettler@Brazos.org; amy.muttoni@Brazos.org; jhouston@sjra.net;
corleys@ci.nacogdoches.tx.us; jgrinstead@co.kerr.tx.us; rbuck@ugra.org; david.wheelock@lcra.org;
stacy.pandey@lcra.org; jeff.fox@austintexas.gov; Steve Raabe; Cole Ruiz; kjones@lrgvdc.org;
rongarza@lrgvdc.org; dmorales@lrgvdc.org; rfrend@nueces-ra.org; Kdavila@spag.org;
Bsolis@spag.org; kgregory@lnra.org; sfk@freese.com; lissa.gregg@freese.com; kdm@bmiwf.com;
sfk@freese.com; radams@apaienv.com; adk@freese.com; kek@freese.com; tsmith@carollo.com;
jashworth@lbg-guyton.com; jbeach@lbg-guyton.com; jherrera@lbg-guyton.com; sfk@freese.com;
lissa.gregg@freese.com; ddunn@hdrinc.com; Jason.Afinowicz@freese.com;
philip.taucer@freese.com; rhunt@apaienv.com; csyvarth@apaienv.com;
spandana.tummuri@freese.com; jashworth@lbg-guyton.com; jbeach@lbg-guyton.com;
jherrera@lbg-guyton.com; jaime.burke@aec.com; perkinsrb@bv.com; eatmansr@bv.com;
perkinsrb@bv.com; kristi.shaw@hdrinc.com; paula.lemonds@hdrinc.com; hfrels@apaienv.com
Cc: Cindy Loeffler; Dan Hunter (Dan.Hunter@TexasAgriculture.gov); Jennifer Allis
(Jennifer.Allis@tceq.texas.gov); Matt Nelson; WSI-WUPP-PLANNERS; Yun Cho
Subject: Potential Municipal WUGs - 2021 Regional Water Plans

Hello,

As has been discussed in past conference calls and meetings, the 2021 Regional Water Plans (RWPs) will include Municipal Water User Groups (WUGs) based upon the approach of utility-based planning, as delineated by water provider service areas. This email and attached files identify the Municipal WUGs that will be included in the draft population and municipal water demand projections to be reviewed by the planning groups. Please direct any questions or comments regarding the listed Municipal WUGs to your TWDB project manager.

In order to clarify and provide greater consistency in the criteria for inclusion of municipal WUGs in the regional water planning process, the Executive Administrator (EA) of the Texas Water Development Board (TWDB) is prepared to recommend a proposed rulemaking to the Board Members for their consideration in July. This proposed rulemaking would include proposed amendments to 31 Texas Administrative Code §357.10(29), among other possible amendments. The rule changes are anticipated to be brought by the EA to the Board for consideration to be proposed and published in the Texas Register for a 30-day public comment period, with an associated public hearing, later in 2016. Final rules would not be effective until after the comment period and final consideration and potential adoption by the Board. In the 2016 RWPs, Municipal WUGs were determined by two different sets of criteria that did not reflect similar-sized entities: a population criteria for city-owned water utilities and a volumetric criteria for other water utilities. The possible rule changes would clarify the single criteria for all utilities included in the planning process. Proposed Municipal WUG criteria would be revised to include:

- Retail public utilities owned by a political subdivision providing more than 100 acre-feet per year (AFY) of water for municipal use;
- Privately-owned utilities that request inclusion as an individual WUG, provide more than 100-AFY for municipal use for each owned water system, and are approved for inclusion as an individual WUG by the RWPG;
- Water systems of state or federal-owned facilities that request inclusion as an individual WUG, provide more than 100-AFY for municipal use, and are approved for inclusion as an individual WUG by the RWPG;
- Collective reporting units (CRU), or groups of retail public utilities that have a common association and are requested by the RWPG.

The single 100 acre-foot threshold would be determined by either the 2011 or 2014 information submitted to the TWDB through the annual water use survey. The shift from the dual population/volume criteria to the single volumetric criteria would add more non-city water utilities to the planning process and would shift some small city utilities into the County-Other WUGs. Most of these changes would be taken into account in regional planning formula funding.

In order for private utilities, state/federal facilities, and CRUs to be included in the draft population and water demand projections, the regional water planning groups and their technical consultant must convey to the TWDB project manager by September 30th, 2016, a list of the private utilities, facilities, or CRUs that meet the previously-mentioned volumetric criteria, have demonstrated interest in participating in the current planning process, and are recommended by the planning group. Identification of private utilities and facilities by September 30th will allow staff to develop projections and include the entity into the planning database prior to the release of draft projections.

Private utilities, facilities and CRUs can be also be included during the draft projections review period (beginning January 2017), however this will require that the technical consultants develop and justify the projections for these entities and the associated adjustment of other WUG projections.

The attached Excel file contains 6 worksheets:

- Summary – Provides a count of potential Municipal WUGs that will be included in the draft population and water demand projections, includes counts of potential private utilities, facilities and CRUs.
- Water User Group – retail public utilities owned by a political subdivision that meet the 100 acre-foot criteria, not including private utilities, facilities, or CRUs.
- Facilities – Water systems serving state or federal facilities that meet the 100 acre-foot criteria.
- Private Utilities – Privately- owned utilities that meet the 100 acre-foot criteria.
- CRUs – Collective reporting units from the 2016 RWP and the combined utilities and public water systems.
- DB17_DB22 WUG Name Change – Identifies all of the Municipal WUGs from the 2016 RWPs that will have their name changed or will no longer be included as individual WUGs. The reasons for the change in WUG status are included in the worksheet. WUGs names have been changed to match Public Utility Commission Certificate of Conveyance and Necessity (PUC CCN) names, Organization Name from the TCEQ iWUD database, or the multi-survey organization name from the TWDB water use survey.

The working timeline and steps for developing draft water demand projections:

1. **July 2016** – TWDB to develop the lists of potential new municipal water user groups (WUGs) for each regional water planning area.
2. **By September 30th, 2016** – TWDB to receive requested additions of private utilities, facilities, or CRUs to the list of WUGs from the RWPGs.
3. **December 2016** – TWDB will release draft population and municipal water demand projections. The draft population projections will be the 2017 State Water Plan projections, adjusted to water provider service areas. The water demand projections will utilize the 2017 SWP base GPCD and water efficiency savings, as adjusted to water provider service areas.
4. **December 2016** – TWDB will also release draft livestock and mining demand projections at this time.
5. **June 2017** – It is anticipated that draft irrigation, manufacturing, and electric-power

generation demand projections will be released by TWDB at this time following review and potential revision of the demand methodologies for these categories of use.

6. **July 2017** – TWDB anticipates posting historical (2011 – 2015) utility GPCDs for potential alternative base year values.
7. **January 2018** – Anticipated deadline for TWDB to receive adjustment requests to projections from RWPGs. Requests must meet the revision criteria as outlined in the planning contract guidance.
8. **March 2018** – Anticipated date that projections for the 2021 RWPs will be taken to TWDB's governing Board for consideration for approval.
9. **September 2018** – Submittal date for Technical Memorandum which will identify water supply needs in the RWPA.
10. **March 2020** – Submittal date for IPP.
11. **September 2020** – Submittal date for RWP.

If you have any questions about the attached information or the timeline and process presented above, please feel free to contact your TWDB regional water planning project manager.

Sincerely,

Kevin Kluge
Water Use & Projections Manager

512-936-0829

**15. Administrator Update on Interlocal Agreement for Funding
SCTRWPG Administrative Costs for the Fifth Cycle of Regional Water
Planning**

INTERLOCAL AGREEMENT FOR FUNDING OF SENATE BILL 1 SOUTH
CENTRAL TEXAS REGIONAL WATER PLANNING GROUP
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 **San Antonio Water System (SAWS)**, an independent agency established by the City of San Antonio City Council, the **Edwards Aquifer Authority (EAA)**, a special district established under the laws of the State of Texas, the **Refugio Groundwater Conservation District (RGCD)**, a special district established under the laws of the State of Texas, the **Victoria County Groundwater Conservation District (VCGCD)**, a special district established under the laws of the State of Texas, the **Calhoun County Groundwater Conservation District (Calhoun County GCD)**, a special district established under the laws of the State of Texas, the **Cow Creek Groundwater Conservation District (Cow Creek GCD)**, a special district established under the laws of the State of Texas, the **Guadalupe County Groundwater Conservation District (GCGCD)**, a special district established under the laws of the State of Texas and the **City of San Marcos (CSM)**, a municipal corporation of the State of Texas, the **Hays Caldwell Public Utility Agency (HCPUA)**, a political subdivision of the State of Texas, the **Canyon Regional Water Authority (CRWA)**, a political subdivision of the State of Texas, the **Springs Hill Water Supply Corporation (SHWSC)**, a nonprofit water supply corporation, and the **Cibolo Valley Local Government Corporation (CVLCG)**, a local government corporation, 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;

NOW THEREFORE, 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 2017 are estimated to be

\$27,230.15.¹

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:

EAA -	22%
SAWS -	15%
GBRA -	15%
SARA -	10%
CRWA -	10%
HCPUA-	10%
NRA -	1%
SHWSC -	1%
Cow Creek GCD -	4% (not to exceed \$2,500.00 annually)
GCGCD -	2% (not to exceed \$1,500.00 annually)
CVLGC -	2% (not to exceed \$1,500.00 annually)
CSM -	2% (not to exceed \$1,500.00 annually)
RGCD -	2% (not to exceed \$1,500.00 annually)
VCGCD -	2% (not to exceed \$1,500.00 annually)
Calhoun County GCD -	2% (not to exceed \$1,500.00 annually)
 TOTAL	 100%

The total amount of administrative costs expended for each year will not exceed the budgeted administrative costs without the prior written authorization of the Parties.

¹ Estimate is based off the second year budget for the Fourth Cycle of Regional Water Planning (Calendar Year 2012). Total estimate includes Labor, Professional Services, and other miscellaneous costs incurred by the Administrative Agent.

5. The Parties may provide in kind services to help offset the administrative costs incurred by SARA to the extent practical. No credit to the amount due for administrative costs will be engendered by in kind services without the consent of the other Parties.
6. Voluntary contributions will be solicited from other entities in the region. To the extent that such voluntary contributions are received, such contributions 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 written agreement of the Parties.
9. SARA shall take all reasonable measures to manage expenses within the agreed upon budget. If expenditures exceed the budget for a given year, Parties agree to share the costs at the percentages agreed upon pursuant to Article 4 of this agreement. Should expenditures exceed a party's agreed upon contribution, the Parties agree to seek an equitable agreement to share the excess expenditures under Article 8 of this agreement.
10. 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.
11. The Parties agree to prepare and execute all documents necessary to effectuate the terms of this Agreement.
12. 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.
13. 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.

14. This Agreement is effective until December 31, 2020, 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.
15. 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:

SARA:

Ms. Suzanne B. Scott, General Manager
San Antonio River Authority
P.O. Box 839980
San Antonio, Texas 78283-9980

SAWS:

Mr. Robert R. Puente, President/CEO
San Antonio Water System
P.O. Box 2449
San Antonio, Texas 78298-2449

GBRA:

Mr. Kevin Patteson, General Manager/ CEO
Guadalupe-Blanco River Authority
933 E. Court Street
Seguin, Texas 78155

VCGCD

Mr. Tim Andruss, General Manager
Victoria County Groundwater Conservation
District
2805 N. Navarro Street, Suite 210
Victoria, TX 77901

NRA:

Mr. Con Mims, Executive Director
Nueces River Authority
P.O. Box 349
Uvalde, Texas 78802

RGCD:

Mr. Tim Andruss, General Manager
Refugio Groundwater Conservation District
c/o Mr. Tim Andruss, General Manager
Victoria County Groundwater Conservation
District
2805 N. Navarro Street, Suite 210
Victoria, TX 77901

EAA:

Mr. Roland Ruiz, General Manager
Edwards Aquifer Authority
900 E Quincy St.
San Antonio, TX 78215

Calhoun County GCD

Mr. Tim Andruss, General Manager
Calhoun County Groundwater Conservation
District
c/o Mr. Tim Andruss, General Manager
Victoria County Groundwater Conservation
District
2805 N. Navarro Street, Suite 210
Victoria, TX 77901

Cow Creek GCD

Mr. Micah Voulgaris, General Manager
Cow Creek Groundwater Conservation
District
201 E. San Antonio Avenue, Suite 100
Boerne, Texas 78006

CSM

Mr. Jared Miller, City Manager
City of San Marcos
630 E. Hopkins
San Marcos, TX 78666

HCPUA

Mr. Graham Moore, Executive Director
Hays Caldwell Public Utility Agency
1040 Highway 123
San Marcos, TX 78666

CRWA

Mr. David Davenport, General Manager
Canyon Regional Water Authority
850 Lakeside Pass
New Braunfels, Texas 78130

SHWSC

Ms. Jeanne Schnuriger, General Manager
Springs Hill Water Supply Corporation
5510 S. St. Hwy. 123 – Bypass
Seguin, TX 78155

CVLGC

Mr. Alan Cockerell, Executive Director
Cibolo Valley Local Government
Corporation
P.O. Box 833
Seguin, Texas 78156

GCGCD:

Mr. Ron Naumann, President
Guadalupe County Groundwater
Conservation District
P.O. Box 1221 Seguin, Texas 78156

16. Possible Agenda Items for the Next Region L Meeting

- a. Election of Officers**
- b. Discussion and Adoption of Guiding Principles**
- c. TWDB Planning 101 Presentation**
- d. Commercial Scale Rainwater Harvesting Presentation from
Region K Chair, John Burke**

17. Public Comment