

AGENDA ITEM 1

Public Comment

AGENDA ITEM 2

Approval of Minutes

Victoria County Groundwater Conservation District has requested a revision to Victoria County's irrigation projections to 21,215 ac-ft for years 2020 through 2060 based on documentation provided to them from irrigators in their county. Mr. Mims asked the Planning Group if they had any objections to asking TWDB to review the documentation provided by Victoria County and determine if it is adequate or not for the requested revision. There were no objections by the Planning Group.

Mr. Nelson stated additional requests for revisions to the projections must go through the Planning Group for approval, but TWDB will accept requested revisions from the Planning Group, with proper support documentation.

Mr. Mims asked the Planning Group if the previously approved Irrigation revisions requested by Goliad and DeWitt Counties at the August 2, 2012 meeting were still acceptable to the Planning Group. The Planning Group confirmed their recommendation for the requested revisions stands as approved.

Mr. Woods made a motion to approve Victoria County's request for increased Irrigation demands with a provision the Planning Group requests the right to revise the non-population water demand projections in the future, with proper documentation by requesting authority, so long as TWDB will accept the revisions. Evelyn Bonavita seconded the motion. The motion carried by consensus.

Mr. Perkins informed the Planning Group the draft projections for Calhoun County for Manufacturing did not cover Formosa Plastics need for 10,000 ac-ft. Mr. Perkins suggested the Planning Group keep the 2012 water demands projections which will account for the 10,000 ac-ft needed by Formosa Plastics rather than accept the TWDB projection for 2017. The Planning Group had no objections to this change.

Mr. Perkins also addressed one final issue in the Steam-Electric category that has occurred since our previous meeting. Exelon has pulled their Early Site Permit in Victoria County and will not require the additional water demand as reflected in the draft projections. However, Victoria County still reflects a need for Steam-Electric in later years and the draft projections reflect that need. Mr. Perkins asked the Planning Group if they would like to revise their previous approval of the draft projections for Victoria County, in the Steam-Electric category, or leave the draft projections as TWDB has stated. Mr. Mims asked if there were any objections to leaving the existing draft projections, approved by the Planning Group at the August 2, 2012 meeting, as they are currently stated. The Planning Group had no objections to leaving the draft projections as stated.

AGENDA ITEM NO. 10: Discussion and Appropriate Action Regarding Evaluation of Potentially Feasible Water Management Strategies

Mr. Perkins reviewed a listing of Potentially Feasible Water Management Strategies with the Planning Group. The listing includes WMSs presently listed in the 2011 RWP, as well as those WMSs HDR is aware of as potentially new WMSs and "dead" projects that will be pulled from the list. This listing will continue to be updated and presented to the Planning Group at each meeting and changes presented to the Planning Group. Mr. Perkins reminded the Planning Group in accordance with the TWDB Contract, HDR must draft scopes of work and budgets on identified potential WMSs and include the information into the Technical Memorandum to be submitted to TWDB. TWDB will provide a written notice to proceed to HDR to begin evaluating

WMSs. HDR may begin, at the Planning Group's discretion, to draft the scopes of work and budgets at any time.

Mr. Raabe suggested HDR revise the Potentially Feasible Water Management Strategies to reflect projects utilizing the same water source or projects that may drop from the list – a “re-categorized” list. Greg Sengelmann also asked if the list could reflect where the water is coming from and where it is going, if possible. Kevin Janak asked if the revised listing could be prioritized by potential project development so the Planning Group may see which projects are closer to becoming a reality than others, at a later date.

Mr. Mims asked HDR to revise the listing as suggested by Mr. Raabe and Mr. Sengelmann. Once the listing has been cleaned up and reflects projects in relation to water sources, a Work Group will form to study the WMSs reflected on the new list utilizing the Carrizo Aquifer as a water source to identify and describe the interrelationships of each, noting, in particular, how the use of each strategy affects the use of the others and present a report at the next meeting. Mr. Mims asked Mr. Sengelmann if he would chair the Work Group. Additional Work Group members are Mike Mahoney, Don Dietzmann and Will Conley. If possible, the Work Group will present a report at the next Planning Group meeting.

AGENDA ITEM NO. 11: Review/Approve Administrator's Budget for CY2013

Ms. Newberry presented a Statement of Administrative Costs for CY2012, as of September 30, 2012. We are currently trending under budget. Ms. Newberry reviewed a draft Administrator's Budget for CY2013 with the Planning Group, highlighting potential increased costs in 2013 for additional meetings and labor assistance for certain tasks in the TWDB contract. Mrs. Newberry recommended keeping the budget for 2013 at \$58,000. Mr. Naumann made a motion to approve the recommended Administrator's Budget for CY2013 at \$58,000. Mr. Taggart seconded the motion. The motion carried by consensus.

AGENDA ITEM NO. 12: Set Dates and Times for Regional Water Planning Group Meeting for 2013

Ms. Newberry presented a schedule of meeting dates, times and location to the Planning Group for 2013. The Planning Group will continue to meet quarterly on the first Thursday in February, May, August and November at SAWS' Customer Service Building, Room CR-145.

AGENDA ITEM NO. 13: Possible Agenda Items for the Next South Central Texas Regional Water Planning Group Meeting

Mr. Mims proposed the following agenda items for the February 7, 2013 meeting:

- EAHCP Update
- Status of SB3, Environmental Flows Process
- Election of Officers for Calendar Year 2013
- Report, Discussion and Appropriate Action from Work Groups
- Presentation and Discussion Regarding Population and Population-Related Water Demand Projections

AGENDA ITEM NO. 14: Public Comment

There was no public comment at this time.

There being no further business, the meeting adjourned by consensus at 2:00 p.m.

Recommended for approval.

GARY MIDDLETON, SECRETARY

Approved by the South Central Texas Regional Water Planning Group at a meeting held on March 14, 2013.

CON MIMS, CHAIR

AGENDA ITEM 3

Election of Officers for Calendar Year 2013

AGENDA ITEM 4

Status of Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas and San Antonio Bays Basin and Bay Stakeholder Committee and Expert Science Team (BBEST) and Nueces River and Corpus Christi and Bafin Bays Stakeholder Committee (BBASC) and Expert Science Team (BBEST)

AGENDA ITEM 5

Status of Edwards Aquifer Habitat Conservation Plan (HCP)

AGENDA ITEM 6

Report, Discussion and Appropriate Action from Work Groups

- EAA HCP Work Group – Tom Taggart, Chair
- Eagle Ford Shale Work Groups – Suzanne Scott, Chair
 - Presentation by UTSA Institute for Economic Development – Region L Eagle Ford Shale Population Projection Study, Dr. Thomas Tunstall, Ph.D., Research Director

Edwards Aquifer Habitat Conservation Plan Work Group

Charge: To recommend to the Planning Group how to use the Edwards Aquifer HCP as a water management strategy in this planning cycle and present a report at the February meeting.

Members:

Tom Taggart, Chair

Tommy Hill

Steve Ramsey

Chuck Ahrens

Steve Raabe

Added on 2/24/13:

Nathan Pence

Rick Illgner

Roland Ruiz

Eagle Ford Shale Work Group

Charge: To investigate, in general, how the Eagle Ford Shale operations may affect Region L planning, with specific attention to population projections in affected areas, water demands based on population projections, the amounts and sources of water being used for drilling, including fracking and present a report at the February 7 meeting.

Members:

Suzanne Scott, Chair

Donna Balin

Iliana Pena

Evelyn Bonavita

Tony Wood

Art Dohmann

Mike Mahoney

Greg Sengelmann

Don Dietzmann

*Note: Greg S. requested data be shared with GCD's

February 27, 2013

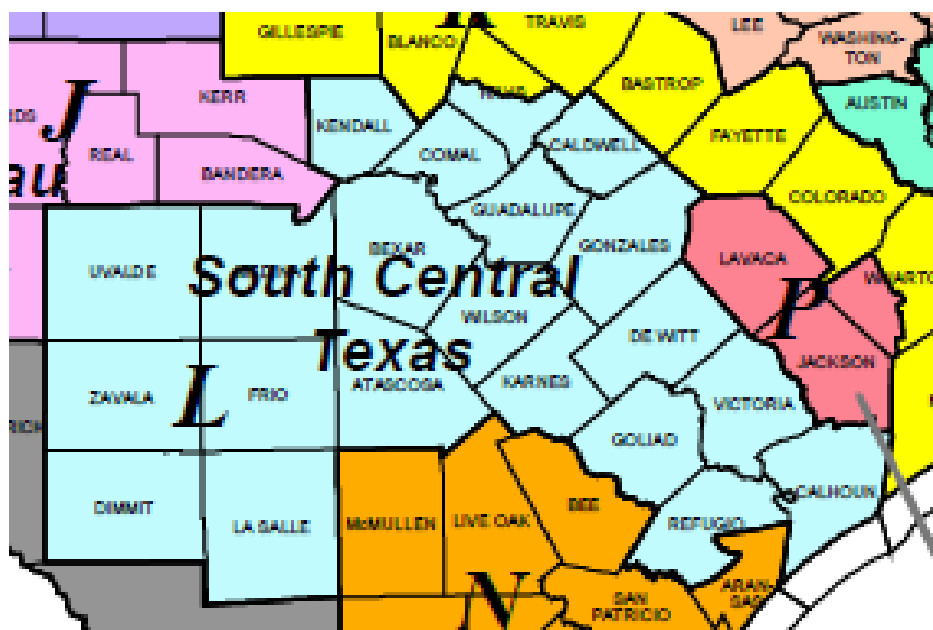
Ms. Suzanne B. Scott
General Manager
San Antonio River Authority
P.O. Box 839980
San Antonio, TX 78283-9980

RE: Region L Population Forecast Estimates

Dear Ms. Scott:

Based on conversations between the San Antonio River Authority (SARA) and the Center for Community and Business Research (CCBR), I am submitting this proposal to support SARA's need to forecast population growth for the Region L water area. We anticipate that SARA would benefit from an analysis reflecting an unanticipated population impact of the Eagle Ford Shale development activity on water usage for the area.

Region L consists of 21 counties that include Atascosa, Bexar, Caldwell, Calhoun, Comal, DeWitt, Dimmit, Frio, Goliad, Gonzales, Guadalupe, Hays (southern half), Karnes, Kendall, La Salle, Medina, Refugio, Uvalde, Victoria, Wilson and Zavala, which are outlined in the map below.



The Eagle Ford Workforce Analysis includes 12 of the Region L counties: Atascosa, Bexar, DeWitt, Dimmit, Frio, Gonzales, Karnes, La Salle, Uvalde, Victoria, Wilson and Zavala. In addition, the CCBR will develop a similar workforce estimate for Goliad and Guadalupe Counties, and incorporate it into population projections for Method I below.

In order to assist SARA, the CCBR at The University of Texas at San Antonio's Institute for Economic Development is proposing to produce a set of three population projections for Regional L counties based on the Eagle Ford Shale Workforce Analysis completed by the CCBR in October 2012. The first projection will be based on application of a population multiplier to the projected labor force. The second projection would be based on a ratio of housing units to labor force. Projections of housing units will then be converted into projected population in the Region L area. The third projection will be produced by determining a ratio of workforce to K-12 school enrollment. Projected enrollment will then be converted into projected population. . All three of these projection outputs would be compared to each other and against the State Demographer's one-half migration (0.5 - conservative) projections and migration (1.0 – more aggressive) projections. By using different methods to develop population projections, planners will have a set of cross-validated projections for a more robust projection of future water needs concerning residential population of the area.

PROPOSED STATEMENT OF SERVICES TO BE PERFORMED

We will provide three alternative forecast methodologies for the Regional L area in order to assist water use planning. In so doing, the research team shall:

Projection I

Region population projections based on UTSA Eagle Ford Shale workforce forecasts:

- Use county-level data contained in the Workforce Analysis for the Eagle Ford Shale for affected counties (Atascosa, Bexar, DeWitt, Dimmit, Frio, Goliad, Gonzales, Guadalupe, Karnes, La Salle, Uvalde, Victoria, Wilson and Zavala) to produce future population estimates based on number of workers forecast for 2021, and then extrapolate out to 2060. Labor force to population ratios (multiplier) will be determined by examining traditional ratios and ratios in other areas that have previously experienced rapid labor force growth resulting from extractive industry growth. Existing population estimates for the additional counties outside of the area of the Workforce Analysis will maintain the estimates provided by the State Demographer.

Projection II

- This Region L population projection will also be based on housing units in conjunction with persons-per-household multipliers in order to project population. In addition, ratios associated with the extractive industries workforce analysis may be used to uncover growth and mobility patterns, and housing unit type (e.g. apartments, single family, etc.) where possible.

Projection III

- This Region L population projection will be based on School Enrollment. In addition, persons-per-household multipliers, as well as, ratios associated with the extractive industries workforce analysis may be used to uncover growth and mobility patterns.

Each of these three projections will be compared to each other and to projections of populations of Region L counties in Texas produced by the Texas State Data Center and the Office of the State Demographer. Forecasts will be dependent on data from publicly available sources.

We budget project cost to be \$10,354 in professional and student labor, and supply, data, and other related costs. We conduct projects on a cost recovery rather than a for-profit basis. Should the actual cost be lower than what is estimated, that total would be reflected on the final billing.

We anticipate completing the revised population estimates and comparison within 8 weeks after receiving the go-ahead from SARA. The final report will contain the impact results, methodology, interpretation and summary, and presented in an electronic file as well as a physical report.

The findings and conclusions based on this methodology will be objective from the viewpoint of our research. I believe this objectivity is important for your purposes. We look forward to working with you on this project, which would provide a systematic approach to long-term economic planning for the Region L Water Plan.

Sincerely,

Thomas Tunstall, Ph.D.
Research Director
Institute for Economic Development
University of Texas at San Antonio
501 W Cesar E. Chavez Blvd,
San Antonio, Texas, 78207

Region L Funding for Population Forecast Estimates in Eagle Ford Shale	
Total Cost of Study:	\$8,418.00
Additional Cost for Goliad County Inclusion:	\$968.00
Total:	\$9,386.00
Additional Cost for Guadalupe County (added 2/27/13)	\$968.00
Total:	\$10,354.00
Contributions:	
EAA	(\$2,628.08)
GBRA	(\$1,407.90)
SARA	(\$1,906.60)
NRA	(\$93.86)
VCGCD	(\$187.72)
COV	(\$187.72)
Guadalupe CGCD	(\$1,155.72)
San Marcos	(\$1,000.00)
STEER	(\$1,786.40)
Balance Remaining Unfunded:	\$0.00

Carrizo Aquifer Water Management Strategy Work Group

Charge: To study water management strategies shown on the WMS list provided by Technical Consultants at February 2013 meeting that use or propose to use the Carrizo Aquifer as a water source to identify and describe the interrelationships of each, noting, in particular, how the use of each strategy affects the use of the others and present a report at the May 2013 meeting.

Members:

Greg Senglemann, Chair

Mike Mahoney

Jeanne Schnuriger

Alan Cockerell

Don Dietzmann

Will Conley

Note: Greg S. also asked if possible, to show where water was coming from and going to for all WMS'

AGENDA ITEM 7

Texas Water Development Board (TWDB) Communications

- Presentation on Revised Regional Water Planning Rules

AGENDA ITEM 8

Discussion and Appropriate Action Regarding Legislative Activities

AGENDA ITEM 9

Discussion and Appropriate Action Regarding Consultants Work and
Schedule

AGENDA ITEM 10

Discussion and Appropriate Action Regarding Submittal to the TWDB of Revised Non-Municipal Water Demand Projections for Mining as a Result of the Revised Bureau of Economic Geology (BEG) Report (Task 2A) and Steam – Electric Revision Request

AGENDA ITEM 11

Presentation and Discussion Regarding Population and Population-Related Water Demand Projections

AGENDA ITEM 12

Discussion and Appropriate Action Regarding Evaluation of Potentially Feasible Water Management Strategies (Task 4B), Draft Scope of Work and Budget for Submittal to TWDB and Inclusion in Technical Memorandum

AGENDA ITEM 13

Possible Agenda Items for the Next South Central Texas Regional
Water Planning Group Meeting

AGENDA ITEM 14

Public Comment