

Senate Bill 1  
South Central Texas RWPG Staff Workgroup Meeting  
April 21, 2017 at 9:30 am  
San Antonio River Authority (Salado Room)

1. Review and Discuss Latest Efforts on 2021 Plan Enhancement Process
  - a. Guiding Principles Schedule
  - b. Topics to be Discussed at May 4, 2017, Meeting
2. Review and Discuss Consultant's Work and Schedule
3. Review and Discuss the Region L Agenda for May 4, 2017
4. Any Additional Items for Consideration

## 2021 Plan Enhancement Process Schedule

<b>May 2016</b>	The appropriateness and adequacy of how demand and need are determined.	<b>Discussed:</b> May 5, 2016 <b>Adopted:</b> August 4, 2016	<b>Guiding Principle Adopted</b>
	The role of regional water planning groups in influencing population growth and land use.	<b>Discussed:</b> May 5, 2016 <b>Adopted:</b> August 4, 2016	<b>Guiding Principle Adopted</b>
	Defining conflicts of interests of planning group members	<b>Discussed:</b> May 5, 2016 <b>Adopted:</b> August 4, 2016	<b>Guiding Principle Adopted</b>
<b>August 2016</b>	The role of regional water planning groups in influencing water development plans of water suppliers.	<b>Discussed:</b> August 4, 2016 <b>Adopted:</b> Nov. 3, 2016	<b>Guiding Principle Adopted</b>
	The role of regional water planning groups in influencing permitting entities.	<b>Discussed:</b> August 4, 2016 <b>Adopted:</b> Nov. 3, 2016	<b>Guiding Principle Adopted</b>
<b>November 2016</b>	The adequacy of evaluating the Plan's effects on freshwater inflows to San Antonio Bay.	<b>Discussed:</b> Nov. 3, 2016 <b>Adopted:</b>	<b>Assigned to Environmental Assessment Workgroup</b>
	The adequacy of environmental assessments of individual WMS's.	<b>Discussed:</b> Nov. 3, 2016 <b>Adopted:</b>	<b>Assigned to Environmental Assessment Workgroup</b>
<b>February 2017</b>	How Water Management Strategies are categorized; e.g. Recommended, Alternate, Needing Further Study.	<b>Discussed:</b> Feb 2, 2017 <b>Adopted:</b>	<b>Assigned to Minimum Standards Workgroup</b>
	Establishing Minimum standards for Water Management Strategies included in the Plan	<b>Discussed:</b> Feb 2, 2017 <b>Adopted:</b>	<b>Assigned to Minimum Standards Workgroup</b>
	Maintaining management supply while avoiding "over planning".	<b>Discussed:</b> Feb 2, 2017 <b>Adopted:</b>	<b>Assigned to Minimum Standards Workgroup</b>
<b>May 2017</b>	Identifying special studies or evaluations deemed important to enhance the 2021 Plan and identification of outside funding sources.	<b>Discussed:</b> <b>Adopted:</b>	
	Address the role of reuse within the regional water plan.	<b>Discussed:</b> <b>Adopted:</b>	
	The extent to which innovative strategies should be used.	<b>Discussed:</b> <b>Adopted:</b>	

## POPULATION & DEMAND SURVEY

- Emailed survey to ~145 contacts, representing 138 WUGs (Utilities and County-Other)
- Survey excerpt:

Population projection data comes from the Texas State Demographer on a county-wide basis (which analyzes county birth rates, mortality rates, and net migration rates). TWDB then uses this information, along with CCN information and other census data, to develop population projections at the utility level. Water demand projections are estimated using these population projections and a Base per capita water use, which then declines over time assuming implementation of plumbing codes in new construction.

KENDALL WEST UTILITY		Base GPCD = 120				
	Year 2020	Year 2030	Year 2040	Year 2050	Year 2060	Year 2070
Population	2505	6500	9000	12000	16000	18000
Water Demand (acft/yr)	312	1200	2000	3200	4200	6000
GPCD	115	115	110	110	110	110

\*GPCD = Gallons Per Capita Per Day

If you find the projections adequate, please reply to this email to indicate so. If you feel the population and/or water demand projections do not adequately approximate the future of your utility, please let us know so that we may follow up and work with TWDB to request adjustments. Final population and water demand projections for your utility will be made by TWDB in January 2018.



## POPULATION & DEMAND SURVEY RESPONSES

Entity	Population	Demand	GPCD	Notes
Alamo Heights	high			landlocked
Bexar County Other	ok	ok	ok	
City Of Cibolo				City to Utility transition may need to be corrected
City Of Marion				Concerns about population projection
City Of Natalia	ok	ok	ok	
City Of Victoria	ok	ok	ok	
City Of Yoakum	ok	ok	ok	
County Line SUD	low	low	low	Current population and demand exceed projection
Crystal Clear SUD	ok	ok	ok	
Dimmit County Other	ok			
East Central SUD	low	low	ok	
Fair Oaks Ranch	low		high	recent reduction in GPCD
Hondo	ok	ok	ok	
Kendall West Utility	low	low	high	expect 720% growth over planning period
Leon Valley	high	high		landlocked
Martindale WSC	low			expect higher growth rate due to development
Maxwell WSC	ok	ok	ok	
Refugio County Other	low	low		expect higher growth rate due to development
San Antonio Water System	ok	high	high	GPCD estimated is higher than targets
San Marcos	low	high	high	
Spring Hill	ok	low	low	Low GPCD estimate, projections don't seem to include a portion of their system
Sunko WSC	ok	ok	ok	
Wimberly WSC	high	ok	ok	Growth rate higher than historical



## FACE-TO-FACE MEETINGS

- SAWS
- SSLGC
- NBU
- Springs Hill WSC
- CRWA
- Boerne



## POPULATION & DEMAND SURVEY RESPONSE SUMMARY

26 responses from 24 entities (18% of WUGs in the region, representing 67% of the region's population)

	Population	Demand	GPCD
high	3	3	4
ok	11	9	10
low	7	5	2
<b>total</b>	<b>18</b>	<b>14</b>	<b>12</b>





**DRAFT**

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

TAKE NOTICE that a meeting of the South Central Texas Regional Water Planning Group as established by the Texas Water Development Board will be held on Thursday, May 4, 2017, 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.

1. New Member Orientation & Training (Planning 101) by Texas Water Development Board (TWDB)—Ron Ellis
2. Roll-Call
3. Public Comment
4. Approval of the Minutes from the February 2, 2017, Meeting of the South Central Texas Regional Water Planning Group (Region L)
5. Status of Edwards Aquifer Habitat Conservation Plan (HCP) – Nathan Pence, Executive Director EAHCP
6. Status of Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) and Expert Science Team (BBEST)
7. Texas Water Development Board (TWDB) Communications
8. Chair’s Report
9. Discussion and Appropriate Action Authorizing the Administrator to Request a Determination from the Executive Administrator of the TWDB as to Whether the Guadalupe-Blanco River Authority’s Proposed Substitution of an Alternative Water Management Strategy for a Recommended Water Management Strategy Constitutes a “Substitution,” “Minor Amendment,” or “Major Amendment” to the 2016 Region L Regional Water Plan
10. 2021 Plan Enhancement Process: Recap of Guiding Principles Previously Discussed and Adopted
11. Status of Environmental Assessment Workgroup’s Progress on the Following Components of the 2021 Plan Enhancement Process
  - a. The Adequacy Of Evaluating the Plan's Effects on Freshwater Inflows to San Antonio Bay
  - b. The Adequacy of Environmental Assessments Of Individual Water Management Strategies
12. Status of Minimum Standards Workgroup’s on the Following Components of the 2021 Plan

## Enhancement Process

- a. How Water Management Strategies are categorized
  - b. Establishing Minimum standards for Water Management Strategies included in the Plan
  - c. Maintaining Management Supply While Avoiding Over-planning
13. Discussion and Appropriate Action Regarding the Following Components of the 2021 Plan Enhancement Process
- a. The Role of Reuse Within the Regional Water Plan
  - b. Identifying Special Studies or Evaluations Deemed Important to Enhance The 2021 Plan and Identification of Outside Funding Sources
  - c. The Extent to Which Innovative Strategies Should Be Used
14. Discussion and Appropriate Action Regarding Consultant's Work and Schedule
15. Texas Comptroller of Public Accounts Presentation: Impact of Federal Listing of Freshwater Mussels as Endangered or Threatened Species – Kimberley A. Horndeski
- ~~16. Enhanced Customer Analysis Systems for Water Utilities – Michelle Camp, Watersoft Software~~
17. Possible Agenda Items for the Next Region L Meeting
- a. Amending 2016 Region L Regional Water Plan
  - b. Workgroup Updates
18. Public Comment