



## **Water Planning Meeting AGENDA**

**November 16, 2017 at 12:30 p.m.  
Canyon Regional Water Authority  
850 Lakeside Pass  
New Braunfels, TX 78130**

1. Introductions and Certification of a Quorum by the Secretary
2. Approval of the Minutes from the November 17, 2016, March 1, 2016, May 26, 2016, August 25, 2016, December 7, 2016, March 1, 2017, August 24, 2017 Meetings
3. Region L Administrative Update and Recap of August 4, 2016 Meeting
4. Discussion and Appropriate Action Regarding Regional Water Alliance Budget
5. Discussion and Appropriate Action Regarding the Purpose and Future of the Regional Water Alliance, Including Meeting Times and Location
6. Texas Parks and Wildlife Presentation on Zebra Mussels
7. Presentation of the San Antonio Water System (SAWS) Water Management Plan
8. Adjourn

# **1. Introductions and Certification of a Quorum by the Secretary**

**2. Approval of the Minutes from the November 17, 2016,  
March 1, 2016, May 26, 2016, August 25, 2016, December  
7, 2016, March 1, 2017, August 24, 2017 Meetings**

# **Minutes from November 17, 2016**



**REGIONAL  
WATER  
ALLIANCE**

**Council of Representatives  
MEETING MINUTES**

**10:00 a.m. –November 17, 2015  
San Antonio River Authority,  
Salado Room  
100 E. Guenther Street  
San Antonio, TX 78204**

**Council of Representatives Present:**

Mike Taylor	Crystal Clear SUD
Brandon Payne	San Antonio Water System
Brandon Bradley	Cibolo Creek Municipal Authority
Humberto Ramos	Canyon Regional Water Alliance
Albert Strzelczyk	East Central SUD
Avery Lunsford	Universal City
Sam Willoughby	Schertz
Steve Raabe	San Antonio River Authority
LeAnn Piatt	City of Converse
Randy Schwenn	City of Marion
Patrick Sullivan	City of Alamo Heights

**Members, Guests & Administrative:**

Cole Ruiz	San Antonio River Authority
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**AGENDA ITEM NO. 1: Introductions and Certification of a Quorum by the Secretary**

A quorum was established for this meeting.

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

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

**AGENDA ITEM NO. 3: Regional Water Alliance Budget Update**

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

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

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

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

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

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

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

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

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

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

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

**AGENDA ITEM NO.6:      Other Business/ New Business**

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

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

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

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Avery Lunsford, Secretary

# **Minutes from March 1, 2016**



**REGIONAL  
WATER  
ALLIANCE**

**Council of Representatives  
MEETING MINUTES**

**10:00 a.m. – March 1, 2016  
San Antonio River Authority,  
Salado Room  
100 E. Guenther Street  
San Antonio, TX 78204**

**Council of Representatives Present:**

Mike Taylor	Crystal Clear SUD
Darren Thompson	San Antonio Water System
Brandon Bradley	Cibolo Creek Municipal Authority
Humberto Ramos	Canyon Regional Water Alliance
Alan Cockerell	Schertz-Seguin LGC
Pat Allen	Green Valley SUD
Avery Lunsford	Universal City
Sam Willoughby	Schertz
Patrick Sullivan	City of Alamo Heights
Atilano Aguero	Springs Hill WSC

**Members, Guests & Administrative:**

Cole Ruiz	San Antonio River Authority
Ron Ellis	Texas Water Development Board
Amber Briggs	Schertz-Seguin LGC
Jim Hooks	Schertz

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

A quorum was not established for this meeting.

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

This item was postponed to the May 26, 2016, meeting due to lack of quorum.

**AGENDA ITEM NO. 3: Regional Water Alliance Budget Update**

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



**AGENDA ITEM NO. 4: Update from the Texas Water Development Board (TWDB)**

Cole Ruiz, San Antonio River Authority (SARA), Ron Ellis to the Regional Water Alliance. Mr. Ellis is the new Region L liaison from the Texas Water Development Board (TWDB).

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

Additionally, Mr. Ellis provided information specific to the application timeline for SWIFT funding and the Fifth Cycle of water planning.

Mr. Ellis informed the RWA that a letter detailing changes to TWDB rules was issued to planning groups throughout the state. The rule changes were being made to effectuate recent legislation, clarify current rules, and update standards. TWDB will be seeking comments on those rule proposals in the coming months. The process by which the TWDB proposes rule changes requires an approval of any rule changes by the Board, and entails publishing those changes for public comment. Upon Board approval of any changes, a public comment period will be triggered where TWDB will solicit comments from stakeholders, including full Regional Water Planning Groups (RWPG) and individual entities. Mr. Ruiz indicated that he would forward the TWDB letter on potential rule changes to the RWA members via email.

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

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

Mr. Ruiz, reported to the Regional Water Alliance (RWA) that the most recent Region L meeting was held on Thursday, February 11, 2016, and reviewed what transpired at the meeting.

Mr. Ruiz briefed the RWA, summarizing the Region L meeting agenda item by item. Mr. Ruiz noted that, concerning agenda item three, *Election of Officers and Executive Committee for Calendar Year 2016*, the planning group elected Suzanne Scott as Chair, Tim Andruss as Vice Chair, Gary Middleton as Secretary, and Adam Yablonski to fill one of two At-Large positions on the Region L Executive Committee. Mr. Ruiz added that the planning group will fill one remaining At-Large position at its next meeting on May 5, 2016.

Mr. Ruiz informed the RWA that the Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays basin and Bay Stakeholder Committee (BBASC) was in negotiations with several science teams to conduct studies in pursuit of environmental flows standards validation.

Mr. Ruiz told the RWA that, with respect to agenda item eight, recordings of meetings would be

posted on the Region L website in the future.

Mr. Ruiz reviewed agenda item nine, which spoke to conflicts of interest with respect to planning group consultants. Additionally, Mr. Ruiz informed the RWA that the planning group selected Black and Veatch to lead the consulting efforts for the Fifth Cycle of water planning. Brian Perkins, who previously worked for HDR as the consultant for Region L during the Fourth Cycle of the water planning, now works for Black and Veatch. Mr. Perkins will be the point of contact for Region L/RWA interrelated matters that concern the consultant.

Mr. Ruiz encouraged members to attend the next Region L meeting, as a pre-planning public meeting would be held to assess input on improving the process and end product. That meeting would be held on May 5, 2016.

Humberto Ramos suggested that the RWA consider contributing to the Region L Administrative budget. Mr. Ruiz added that RWA has an opportunity to contribute to the next Interlocal Agreement for the Fifth Cycle Administers Budget. Such decision would require action by the RWA.

**AGENDA ITEM NO.6: Other Business/ New Business**

Humberto Ramos suggested that the RWA develop a position on some of the issues being taken up by the Region L Planning Group.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

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Avery Lunsford, Secretary

# **Minutes from May 26, 2016**



**REGIONAL  
WATER  
ALLIANCE**

**Council of Representatives  
MEETING MINUTES**

**10:00 a.m. – May 26, 2016  
San Antonio River Authority,  
Salado Room  
100 E. Guenther Street  
San Antonio, TX 78204**

**Council of Representatives Present:**

Mike Taylor	Crystal Clear SUD
Brandon Payne	San Antonio Water System
Brandon Bradley	Cibolo Creek Municipal Authority
Humberto Ramos	Canyon Regional Water Alliance
Steve Raabe	San Antonio River Authority
Avery Lunsford	Universal City
James Hooks	City of Schertz
Patrick Sullivan	City of Alamo Heights

**Guests & Administrative:**

Cole Ruiz	San Antonio River Authority
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**AGENDA ITEM NO. 1: Introductions and Certification of a Quorum by the Secretary**

A quorum was not established for this meeting.

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

This item was postponed to the August 24, 2016, meeting due to lack of quorum.

**AGENDA ITEM NO. 3: Regional Water Alliance Budget Update**

Cole Ruiz, San Antonio River Authority (SARA), briefed the Regional Water Alliance (RWA) on the current status of the Regional Water Alliance Budget. Mr. Ruiz noted that the current RWA account has \$9,453.00, which does not include the most recent fees. Mr. Ruiz reviewed the previous spending trends of the RWA. Mr. Ruiz noted that FY 2016/2017 begins in June, and an update to the balance will be provided at the next RWA meeting, August 2016. Humberto Ramos asked what the current fees for membership were. Mr. Ruiz confirmed that the current fees were \$200, but that amount could be increased by RWA vote.

**AGENDA ITEM NO. 4:      Region L Administrative Update and Recap of the May 5, 2016 Meeting**

Mr. Ruiz, reported to the Regional Water Alliance (RWA) that the most recent Region L meeting was held on Thursday, May 5, 2016, and reviewed what transpired at the meeting.

Mr. Ruiz briefed the RWA, summarizing the Region L meeting agenda item by item. Beginning with the first agenda item, Mr. Ruiz informed the planning group that the Texas Water Development Board (TWDB) requires all regional water planning groups to hold a “pre-planning public meeting” to receive input from the public and stakeholders not represented on the planning group. That requirement was fulfilled at the May 5th Region L meeting. Several comments were submitted, all of which can be found on the meeting materials page at [www.regionltexas.org](http://www.regionltexas.org). Mr. Ruiz added that from now on, all Region L recording will be uploaded to Youtube.com, and posted on the Region L website. Minutes will also be available once they have been approved by the Planning Group.

Mr. Ruiz informed the RWA that, pursuant to agenda item 4, of the May 5th agenda, Kevin Janak was selected by the Planning Group to serve on the Region L Executive Committee in the At-Large position.

Mr. Ruiz informed the RWA that the Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) had negotiated contracts with two of three science teams, which the BBASC selected to conduct studies in pursuit of environmental flows standards validation. The third contract was still being executed.

Mr. Ruiz provided a handout in the meeting materials of a PowerPoint presentation that was given by Ron Ellis (TWDB) at the Region L meeting. The information included in the presentation was a review of the 2017 State Water Plan. Mr. Ruiz provided a link (<https://2017.texasstatewaterplan.org/statewide>) to TWDB’s interactive website, which houses the 2017 State Water Plan. Mr. Ruiz reminded the RWA that Ron Ellis has made himself available to the RWA to answer any questions its members may have.

Mr. Ruiz provided information about the TWDB proposed rule changes, and provided a copy of the Planning Group’s recommendations regarding those rule changes. Once the rule changes are adopted, TWDB will open a public comment period. Should the RWA or its member entities wish to submit comments at that point, they may do so.

Mr. Ruiz briefed the RWA on the TWDB’s new method for determining population projections and water demand. Where in the past such determinations were made using a city/county based method, now TWDB has employed a utility based planning method.

Mr. Ruiz explained the Planning Group’s efforts to improve the planning process through, what has been identified as, the 2021 Plan Enhancement Process. Accordingly, the Planning Group has developed the idea of preparing a Guiding Principles document, which will serve as tool through the fifth cycle of planning. Over the next year and half, the Planning Group will address the issues identified through the 2021 Plan Enhancement Process and develop guiding principles on how the Planning Group will address such issues as they come to be.

Mr. Ruiz notified the RWA that the Planning Group is soliciting nominations to fill expiring terms, which will become vacant in August 2017. Information regarding the specific terms that were being expired was provided.

**AGENDA ITEM NO.6: Other Business/ New Business**

There was no new business or other business.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

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Avery Lunsford, Secretary

# **Minutes from August 28, 2016**



## REGIONAL WATER ALLIANCE

### **Council of Representatives MEETING MINUTES**

**10:00 a.m. – August 28, 2016**  
**San Antonio Water Systems,**  
**CR 145**  
**2800 U.S. Hwy. 281 North**  
**San Antonio, TX 78212**

#### **Council of Representatives Present:**

Mike Taylor	Crystal Clear SUD
Darren Thompson	San Antonio Water System
Brandon Bradley	Cibolo Creek Municipal Authority
Humberto Ramos	Canyon Regional Water Alliance
Avery Lunsford	Universal City
James Hooks	City of Schertz
Patrick Sullivan	City of Alamo Heights
Herb Williams	SS Water Supply Corporation
Pat Allen	Green Valley SUD
Albert Strzelczyk	East Central SUD

#### **Guests & Administrative:**

Cole Ruiz	San Antonio River Authority
Brandon Rohan	East Central SUD

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

A quorum was not established for this meeting.

An impromptu discussion ensued regarding the struggles of training employees to become licensed, and retaining employees. Some suggestions were made regarding salary, career development, and possible collaboration toward training.

#### **AGENDA ITEM NO. 2:      Approval of the Minutes from the November 17, 2015, March 1, 2016, and May 26, 2016, Meetings**

This item was postponed to the December 7, meeting due to lack of quorum.

#### **AGENDA ITEM NO. 3:      Regional Water Alliance Budget Update**

Cole Ruiz, San Antonio River Authority (SARA), briefed the Regional Water Alliance (RWA) on the current status of the Regional Water Alliance Budget. Mr. Ruiz noted that SARA, as Administrator for the Regional Water Alliance, budgeted \$6,000.00 for of the RWA funds for fiscal year 2016-2017. Mr. Ruiz explained that RWA members should not anticipate spending anywhere close to the budgeted amount, and that the budgeted amount could be adjusted if necessary. Mr. Ruiz also reviewed the



previous spending trends of the RWA, and potential future expenditures, which included the costs attributed to having the Region L Technical Consultant brief the RWA when water management strategies begin to be developed to meet water demands.

**AGENDA ITEM NO. 4:      Region L Administrative Update and Recap of the May 5, 2016 Meeting**

Mr. Ruiz, reported to the Regional Water Alliance (RWA) that the most recent Region L meeting was held on Thursday, August 4, 2016, and reviewed what transpired at the meeting.

Mr. Ruiz briefed the RWA, summarizing the Region L meeting agenda item by item. Beginning with the first agenda item, Mr. Ruiz informed the planning group that Texas Water Development Board (TWDB) Director Kathleen Jackson gave a presentation on the 2017 State Water Plan.

Additionally, Mr. Ruiz informed the RWA of new members, who were recently selected to serve on the Region L Planning Group. Of the new members, Weldon Riggs and Charlie Flatten were selected to representing Agriculture and Environmental interests respectively.

Mr. Ruiz informed the RWA that, pursuant to agenda item 4, of the May 5th agenda, Kevin Janak was selected by the Planning Group to serve on the Region L Executive Committee in the At-Large position.

Mr. Ruiz informed the RWA that the Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) had negotiated contracts with all three science teams, and that a meeting was scheduled for September 27, 2016 at the Guadalupe-Blanco River Authority.

Mr. Ruiz provided information about the TWDB proposed rule changes, noting that the Region L Planning Group decided to not submit comments as a group, but encouraged members to submit comments individual if they saw fit.

Mr. Ruiz reviewed TWDB's new method for determining population projections and water demand. Where in the past such determinations were made using a city/county based method, now TWDB has employed a utility based planning method.

Mr. Ruiz added that two rainwater harvesting presentation were given to the Region L Planning Group, one regarding residential systems, and the another regarding a more commercial water management strategy. Mr. Ruiz offered to make those presentations available is requested.

Mr. Ruiz updated the RWA on the Planning Group's efforts to improve the planning process through the 2021 Plan Enhancement Process. The Planning Group has developed the idea of preparing a Guiding Principles document, which will serve as a tool through the fifth cycle of planning. Over the next year and half, the Planning Group will address the issues identified through the 2021 Plan Enhancement Process and develop guiding principles on how the Planning Group will address such issues as they come to be. So far, the Planning Group has discussed and developed guiding principles on several of those issues, including: 1) the appropriateness and adequacy of how demand and need are determined, 2) the roll of the Planning Group in influencing population growth and land use, and 3) conflicts of interests with respect to planning group members.

**AGENDA ITEM NO.6: Other Business/ New Business**

There was no new business or other business.

Adjourned.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

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Avery Lunsford, Secretary

# **Minutes from December 7, 2016**



**REGIONAL  
WATER  
ALLIANCE**

**Council of Representatives  
MEETING MINUTES**

**10:00 a.m. – December 7, 2016  
San Antonio Water Systems,  
CR 145  
2800 U.S. Hwy. 281 North  
San Antonio, TX 78212**

**Council of Representatives Present:**

Mike Taylor	Crystal Clear SUD
Darren Thompson	San Antonio Water System
Brandon Bradley	Cibolo Creek Municipal Authority
Humberto Ramos	Canyon Regional Water Alliance
James Hooks	City of Schertz
Patrick Sullivan	City of Alamo Heights
Allan Cockerell	Schertz-Seguin LGC

**Guests & Administrative:**

Cole Ruiz	San Antonio River Authority
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**AGENDA ITEM NO. 1: Introductions and Certification of a Quorum by the Secretary**

A quorum was not established for this meeting.

**AGENDA ITEM NO. 2: Approval of the Minutes from the November 17, 2015, March 1, 2016, May 26, 2016, and August 25, 2016 Meetings**

This item was postponed to the December 7, meeting due to lack of quorum.

**AGENDA ITEM NO. 3: Regional Water Alliance Budget Update**

Cole Ruiz, San Antonio River Authority (SARA), briefed the Regional Water Alliance (RWA) on the current status of the Regional Water Alliance Budget. Mr. Ruiz noted that SARA, as Administrator for the Regional Water Alliance, budgeted \$6,000.00 for of the RWA funds for fiscal year 2016-2017. Mr. Ruiz explained that RWA members should not anticipate spending anywhere close to the budgeted amount, and that the budgeted amount could be adjusted if necessary. Mr. Ruiz also reviewed the previous spending trends of the RWA, and potential future expenditures, which included the costs attributed to having the Region L Technical Consultant brief the RWA when water management strategies begin to be developed to meet water demands.

**AGENDA ITEM NO. 4: Region L Administrative Update and Recap of the November 3, 2016 Meeting**

Mr. Ruiz, reported to the Regional Water Alliance (RWA) that the most recent Region L meeting was held on Thursday, November 3, 2016, and reviewed what transpired at the meeting.

Mr. Ruiz briefed the RWA, summarizing the Region L meeting agenda item by item. Beginning with the first agenda item, Mr. Ruiz informed the RWA of new member, who was recently selected to serve on the Region L Planning Group. Goliad County Judge, Pat Calhoun was selected to represent the Counties interest category.

Mr. Ruiz informed the RWA that the Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) has asked current members to recommit to the BBASC or retire. Upon receiving responses from all of the current members. The Chair would open up nominations to fill vacancies.

Mr. Ruiz updated the RWA on the Planning Group's efforts to improve the planning process through the 2021 Plan Enhancement Process. The Planning Group has developed the idea of preparing a Guiding Principles document, which will serve as a tool through the fifth cycle of planning. Over the next year and half, the Planning Group will address the issues identified through the 2021 Plan Enhancement Process and develop guiding principles on how the Planning Group will address such issues as they come to be. So far, the Planning Group has discussed and developed guiding principles on several of those issues, including: 1) the appropriateness and adequacy of how demand and need are determined, 2) the roll of the Planning Group in influencing population growth and land use, and 3) conflicts of interests with respect to planning group members, 4) the role of regional water planning groups in influencing water development plans of water suppliers, and 5) the role of regional water planning groups in influencing permitting entities. At its November 3, 2016, meeting the planning group discussed 1) the adequacy of evaluating the Plan's effects on freshwater inflows, and 2) the adequacy of environmental assessments of indivial WMSs. A guiding principle for these two topics was to be adopted at the February 2, 2017, meeting.

Lastly, Mr. Ruiz briefed the RWA on action taken by the Planning Group authorizing the San Antonio River Authority to submit an application requesting grant funds for the remaining tasks involve with the fifth cycle or regional water planning.

#### **AGENDA ITEM NO.6: Other Business/ New Business**

There was no new business or other business. However, the RWA held an impromptu open discussion relating to the future of the RWA and brainstormed on how to bring members to quarterly meetings.

Adjourned.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

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Avery Lunsford, Secretary

# **Minutes from March 1, 2017**



**REGIONAL  
WATER  
ALLIANCE**

**Council of Representatives  
MEETING MINUTES**

**10:00 a.m. – March 1, 2017  
San Antonio River Authority**

**Council of Representatives Present:**

Mike Taylor  
Darren Thompson  
Brandon Bradley  
Humberto Ramos  
James Hooks  
Patrick Sullivan  
Allan Cockerell

Crystal Clear SUD  
San Antonio Water System  
Cibolo Creek Municipal Authority  
Canyon Regional Water Alliance  
City of Schertz  
City of Alamo Heights  
Schertz-Seguin LGC

**Guests & Administrative:**

Cole Ruiz

San Antonio River Authority

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

A quorum was not established for this meeting.

**AGENDA ITEM NO. 2:      Approval of the Minutes from the November 17, 2015, March 1, 2016, May 26, 2016, and August 25, 2016 Meetings**

This item was postponed due to lack of quorum.

**AGENDA ITEM NO. 3:      Region L Administrative Update and Recap of the November 3, 2016 Meeting**

Mr. Ruiz, reported to the Regional Water Alliance (RWA) that the most recent Region L meeting was held on Thursday, February 2, 2017, and reviewed what transpired at the meeting.

Mr. Ruiz informed the RWA that the Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) has asked current members to recommit to the BBASC or retire. Upon receiving responses from all of the current members. Nominations had been received, and the BBASC would be voting on nominees at the next possible meeting.

Mr. Ruiz updated the RWA on the Planning Group's efforts to improve the planning process through the 2021 Plan Enhancement Process. The Planning Group has developed the idea of preparing a Guiding Principles document, which will serve as a tool through the fifth cycle of planning. Over the next year and half, the Planning Group will address the issues identified through the 2021 Plan Enhancement Process and develop guiding principles on how the Planning Group will address such

issues as they come to be.

**AGENDA ITEM NO.6: Other Business/ New Business**

The RWA held an impromptu open discussion relating to the future of the RWA and brainstormed on how to bring members to quarterly meetings. Several members urged holding a workshop for water purveyors to become informed and involved in regional water planning. The group decided to schedule a brainstorming session to develop plans for a workshop to be held in April or May 2017.

Adjourned.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

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Avery Lunsford, Secretary



# **Minutes from August 24, 2017**



**REGIONAL  
WATER  
ALLIANCE**

**Council of Representatives  
MEETING MINUTES**

**10:00 a.m. – August 24, 2017  
San Antonio River Authority**

**Council of Representatives Present:**

Steven Siebert  
Atilon Agüero  
Humberto Ramos  
Megan Neuman  
Avery Lunsford  
Allan Cockerell

San Antonio Water System  
Springs Hill WSC  
Canyon Regional Water Alliance  
City of Marion  
City of Universal City  
Schertz-Seguin LGC

**Guests & Administrative:**

Cole Ruiz

San Antonio River Authority

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

A quorum was not established for this meeting.

**AGENDA ITEM NO. 2: Approval of the Minutes from the November 17, 2015, March 1, 2016, May 26, 2016, August 25, 2016, December 7 2016, and March 1, 2017 Meetings**

This item was postponed due to lack of quorum.

**AGENDA ITEM NO. 3: Region L Administrative Update and Recap of the November 3, 2016 Meeting**

Mr. Ruiz, reported to the Regional Water Alliance (RWA) that the most recent Region L meeting was held on Thursday, August 3, 2017, and reviewed what transpired at the meeting.

Mr. Ruiz informed the RWA that the Guadalupe, San Antonio, Mission, and Aransas Rivers and Mission, Copano, Aransas, and San Antonio Bays Basin and Bay Stakeholder Committee (BBASC) was in the process of updating its meeting rules, and would be seeking project proposals for the next biennium in the September 2017 timeframe.

Mr. Ruiz updated the RWA on the Planning Group's efforts to improve the planning process through the 2021 Plan Enhancement Process. The Planning Group has developed the idea of preparing a Guiding Principles document, which will serve as a tool through the fifth cycle of planning. Over the next year and half, the Planning Group will address the issues identified through the 2021 Plan Enhancement Process and develop guiding principles on how the Planning Group will address such

issues as they come to be. The process was implemented to address comments received from the public during the 2016 planning process.

Mr. Ruiz also briefed the RWA on the Guadalupe-Blanco River Authority's request, and the Planning Group's approval, to amend the 2016 Regional Water Plan by way of substitution. The revision entailed substituting an alternative water management strategy in the 2016 Plan, for two recommended water management strategies in the 2016 Plan.

**AGENDA ITEM NO.6: Other Business/ New Business**

The RWA held an impromptu open discussion relating to the future of the RWA and brainstormed on how to bring members to quarterly meetings. Members suggested moving the meeting location to Canyon Regional Water Authority. Several members offered up potential presentations that might draw more attendance, including a presentation on fresh water mussels, the Habitat Conservation Plan, and the SAWS Water Management Plan.

The RWA members generally agreed on a time and location for the next meeting, which would be held on November 16, 2017, at Canyon Regional Water Authority, at 12:30 p.m. The members also agreed to schedule a discussion regarding the RWA bylaws and the RWA's future.

Adjourned.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

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Avery Lunsford, Secretary

### **3. Region L Administrative Update and Recap of August 4, 2016 Meeting**

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

TAKE NOTICE that a meeting of the South Central Texas Regional Water Planning Group as established by the Texas Water Development Board will be held on Thursday, November 2, 2017, at 9:30 AM 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. Public Comment
2. Approval of the Minutes from the August 3, 2017, Meeting of the South Central Texas Regional Water Planning Group (Region L)
3. Status of Edwards Aquifer Habitat Conservation Plan (HCP) – Nathan Pence, Executive Director EAHCP
4. 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)
5. Texas Water Development Board (TWDB) Communications
6. Chair's Report
7. Discussion and Appropriate Action Setting the SCTRWPG Meeting Schedule for Calendar Year 2018
8. Discussion and Appropriate Action Authorizing the Administrator to Request Written Approval from the Executive Administrator of the TWDB that the San Antonio Water System's (SAWS) Proposed Revision to the 2016 SCTRWPG Regional Water Plan Constitutes a Minor Amendment, or a Determination of Whether SAWS's Proposed Action Constitutes a Substitution or Major Amendment
9. Presentation on the SAWS Water Management Plan
10. Discussion and Appropriate Action Regarding the Status of Draft Population and Demand Projections
11. 2021 Plan Enhancement Process: Recap of Guiding Principles Previously Discussed and Adopted
12. Discussion and Appropriate Action Regarding the Adoption of the Environmental Assessment Workgroup's Recommendations
13. Discussion and Appropriate Action Regarding the Adoption of the Minimum Standards Workgroup's Recommendations
14. 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
- 15. Discussion and Appropriate Action Regarding Consultant's Work and Schedule
- 16. Discussion and Appropriate Action Regarding Hydrologic Assumptions
- 17. Discussion and Appropriate Action Regarding the Process by Which the SCTRWPG Considers Potentially Feasible Water Management Strategies
- 18. Evergreen Underground Water Conservation District Presentation on Weather Modification as a Potential Innovative Water Management Strategy
- 19. Possible Agenda Items for the Next Region L Meeting
- 20. Public Comment

## November 2017 RWPG Meeting

**KEY:**

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

**Attachment A**  
**2021 South Central Texas Regional Water Plan**

**Hydrologic Assumptions and Operational Procedures for  
Assessment of Groundwater and Surface Water Supply**

**Surface Water**

1. WAM Run 3 for all Surface Water Rights Modeling
  - a. Full exercise of existing surface water rights
  - b. Zero effluent discharges unless specifically required by a surface water right (hydropower, industrial rights, City of Victoria, etc.)
2. Operation of Canyon Reservoir at firm yield in accordance with CA #18-2074E, including subordination of all senior Guadalupe River hydropower permits to Canyon Reservoir
3. Delivery of GBRA's present contractual obligations from Canyon Reservoir to points of diversion
4. Firm supply of surface water rights based on monthly availability
5. New water rights evaluated in accordance with Environmental Flow Standards
6. Operation of power plant reservoirs (Braunig, Calaveras, and Coletto Creek) subject to authorized consumptive uses at the reservoir, with makeup diversions as needed to maintain full conservation storage to the extent possible subject to senior water rights, instream flow constraints, and/or applicable contractual provisions
7. Operation of Choke Canyon Reservoir/Lake Corpus Christi (CCR/LCC) System at safe yield subject to TCEQ Agreed Order regarding freshwater inflows to the Nueces Estuary
8. Period of record for simulations:
9. Guadalupe-San Antonio River Basin (1934-89, Critical Drought = 1950s)
10. Nueces River Basin (1934-97, Critical Drought = 1990s)

**Groundwater**

1. Reliability of Edwards Aquifer permits and resulting springflows consistent with Habitat Conservation Plan (Phase I) developed through the Edwards Aquifer Recovery Implementation Program for the period 1947-1989 (using the latest MODFLOW model). Pre-1947 (1934-1946) withdrawals, critical period management, and resulting springflows consistent with SB 3 (80<sup>th</sup> Texas Legislature) using GWSIM-IV and historical Edwards Aquifer recharge estimates developed by EUWD/HDR.



2. Reliability of existing groundwater permits and availability to new groundwater strategies in the Carrizo-Wilcox, Trinity, Gulf Coast, and other minor<sup>1</sup> aquifers will be in accordance with Modeled Available Groundwater estimates, as calculated by TWDB on or before June 1, 2018.
3. The SCTRWPG will use the process established during the 2016 Planning Cycle (Section 8.3.1 of the 2016 SCTRWP) to determine the amount of groundwater allocated to individual groundwater permits.

### **Reuse/Recycle Water**

1. Source water available for a reuse water management strategy will be determined based on the estimated amount of water returned to a utility's WWTPs for each decade, less the amount of reuse water already being utilized as existing supply
  - a. The amount of water returned to a utility's WWTP will be estimated at 50% of the utility's projected water demands, adjusted for water conservation and drought management strategies, unless site-specific information is available
  - b. Example:  $[50\% * (\text{projected water demands for a utility} - \text{conservation WMS volumes} - \text{drought management WMS volumes})] - \text{existing reuse supply}$

<sup>1</sup>Where a DFC has been established

**Attachment B**  
**2021 South Central Texas Regional Water Plan**  
**Hydrologic Models**

Primary Models

- Guadalupe-San Antonio River Basin Water Availability Model (GSA WAM)<sup>1</sup>
- Nueces River Basin Water Availability Model (Nueces WAM)<sup>1</sup>
- Flow Regime Application Tool (FRAT)<sup>1</sup>
- MODFLOW Model of the Edwards Aquifer
- Southern Carrizo-Wilcox-Queen City-Sparta Groundwater Availability Model (GAM)<sup>2</sup>
- Central Carrizo-Wilcox-Queen City-Sparta GAM<sup>2</sup>
- Gulf Coast Groundwater Availability Model<sup>2</sup>
- Trinity Groundwater Availability Model<sup>2</sup>
- Any additional currently-approved WAM<sup>1</sup> or GAM<sup>2</sup> necessary

Additional Models

- Lower Nueces River Basin & Estuary Model (NUBAY)
- HSPF Models of the Edwards Aquifer Recharge Zones
- GWSIM-IV Model of the Edwards Aquifer

<sup>1</sup>*Latest version of WAMs and FRAT will be downloaded from the TCEQ Website by May 1, 2018*

<sup>2</sup>*Latest version of GAMs will be downloaded from the TWDB Website by May 1, 2018*

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# 2021 South Central Texas Regional Water Plan

## *Identification of Potentially Feasible Water Management Strategies<sup>1</sup>*

**Draft – October 23, 2017**

In the development of the 2021 South Central Texas Regional Water Plan (SCTRWP), the process for Identification of Potentially Feasible Water Management Strategies outlined below will be followed<sup>2</sup>:

- 1) SCTRWPG recognizes that the 2021 SCTRWP is an update of the 2016 SCTRWP.
  - a) There are updated population and municipal water demand projections based on the data from the State Demographer's Office.
  - b) The Texas Water Development Board (TWDB) has shifted population and water demand projections away from city-based WUGs to utility-based WUGs.
  - c) There are updates in the methodologies for calculating non-municipal water demand projections.
  - d) The groundwater availability will incorporate the Modeled Available Groundwater (MAG) values from the Groundwater Management Area (GMA) process.
  - e) TWDB allows for a MAG Peaking Factor.
  - f) The Edwards Aquifer Habitat Conservation Plan has been approved and is being implemented successfully.
  - g) Environmental Flow Standards by TCEQ are defined for the river basins of the South Central Texas Regional Planning Area.

These changes will affect the demand projections, existing supplies, and/or new supplies from Water Management Strategies (WMSs). Hence, the SCTRWPG will be evaluating WMSs from the 2016 SCTRWP to determine if they are still viable in the 2021 SCTRWP.

- 2) Current water planning information, including specific WMSs of interest, will be solicited from Water User Groups (WUGs) and Wholesale Water Providers (WWPs) in Summer 2018.
  - a) Solicitation of planning information will include a draft list of WMSs deemed potentially feasible to meet projected needs.
  - b) Draft list will generally include the recommended WMSs in the 2016 SCTRWP, WMSs in local water plans, and/or other strategies perceived to be of interest to WUGs/WWPs.

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<sup>1</sup> Schedule shown is subject to change based on the availability of the fundamental data/decisions in Item 1 and/or TWDB discretion.

<sup>2</sup> Pursuant to the regional water planning rules which state: "Before a regional water planning group begins the process of identifying potentially feasible water management strategies, it shall document the process by which it will list all possible water management strategies and identify the water management strategies that are potentially feasible for meeting a need in the region."

## DRAFT

- c) WUGs/WWPs will be encouraged to classify each water management strategy on their draft list as recommended, alternative, or rejected.
- 3) Considering information responsive to the solicitation and information from required technical evaluations, lists of potentially feasible WMSs will be prepared and comments received beginning with the August 2018 meeting of the SCTRWPG. Additional information may follow in subsequent SCTRWPG meetings.
- 4) Additional WMSs may be brought forth to the SCTRWP, so long as the WMS is presented to the SCTRWPG by the May 2019 SCTRWPG meeting.
- 5) The SCTRWPG will use the 'Minimum Standards for Water Management Strategies, Designation of Recommended and Alternative Strategies, and Establishment of Management Supply' guiding principle in the development of the Regional Water Plan.

#### **4. Discussion and Appropriate Action Regarding Regional Water Alliance Budget**

**San Antonio River Authority**  
**Project Expenditure Status Report**  
as of 11/30/2017

**Project ID: 0020**

**Regional Water Alliance**

**Regional Water Alliance**

Key: 0020322018 Regional Water Alliance FY18

<b>Object - Description</b>	<b><u>Budget</u></b>	<b><u>Actual</u></b>	<b><u>Encumbrance</u></b>	<b><u>Remaining</u></b>
7325 - Contracted & Other Services	2,000.00	0.00	0.00	2,000.00
7581 - Meeting Expense	1,000.00	18.38	0.00	981.62
7791 - Labor	1,625.00	0.00	0.00	1,625.00
.	4,625.00	18.38	0.00	4,606.62
Total JL Key	4,625.00	18.38	0.00	4,606.62
<b>Total Project:</b>	<b>\$4,625.00</b>	<b>\$18.38</b>	<b>\$0.00</b>	<b>\$4,606.62</b>
<b>Total Regional Water Alliance:</b>	<b>4,625.00</b>	<b>18.38</b>	<b>0.00</b>	<b>4,606.62</b>
<b>Total Report:</b>	<b>\$4,625.00</b>	<b>\$18.38</b>	<b>\$0.00</b>	<b>\$4,606.62</b>

**5. Discussion and Appropriate Action Regarding the Purpose  
and Future of the Regional Water Alliance, Including  
Meeting Times and Location**

## **6. Texas Parks and Wildlife Presentation on Zebra Mussels**



## **7. Presentation of the San Antonio Water System (SAWS) Water Management Plan**

## 8. Adjourn