

AGENDA

RIO GRANDE REGIONAL WATER PLANNING GROUP (RGRWPG) (REGION M)

10:30 A.M. WEDNESDAY, APRIL 7, 2021

LRGVDC MAIN CAMPUS
GOTOMEETING VIDEO CONFERENCE
INITIATED AND CHAIRED AT
301 W. RAILROAD ST., WESLACO, TEXAS

Members of the public can attend this meeting by calling 1-888-204-5987, Access code 5435817

PRESIDING: JIM DARLING, CHAIR

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1. Call to Order & Roll Call.....Chairman
 2. Consideration and **ACTION** to Approve January 6, 2021 Meeting MinutesChairman
 3. Public CommentChairman
 4. Presentation on Characterization of the Goodenough Spring Catchment Area.....Mauricio Flores
Southwest Research Institute
 5. Presentation on Edward-Trinity Plateau Brackish Resources Aquifer
Characterization System (BRACS) StudyEvan Strickland, P. G.
Innovative Water Technologies
 6. Presentation on Statewide Aquifer Storage Recovery (ASR) Study Andrea Croskrey, Geoscientist
Conservation & Innovative Water Technologies
 7. Discussion and **ACTION** on Status of Solicitation for Voting Member in
Electric Generating Utilities Category.....Chairman

8. Status Reports

ACTION MAY BE TAKEN ON ANY OF THE FOLLOWING ITEMS

- A. Financial Report.....Rick Carrera
LRGVDC
 - 1. Consideration and **ACTION** on Expenditure Report

- B. Status of Joint Groundwater Area Planning in GMA’s 13 & 16.....Armando Vela
GMA 16

- C. Status of No Charge Releases from the San Juan River.....Sonny Hinojosa
Vice Chair

- D. Reports from Other Regional Water Planning Groups
 - 1. Reports from Liaisons with: Region J, Tomas Rodriguez; Region L, Don McGhee,
and Region N, Commissioner David Fuentes

- E. Report on Water Conservation Plans and Drought Management Plans Filed with Region.....Chairman

- F. Report on Notices of Applications for Funding and Grants.....Chairman

- G. Report on Regional Water Resources Advisory Committee (RWRAC)Com. David Fuentes
RWRAC Chairman

9. Reports from Federal and State Agencies

ACTION MAY BE TAKEN ON ANY OF THE FOLLOWING ITEMS

- A. TWDB..... William Alfaro
Regional Water Planning
 - 1. Lower Rio Grande Flood Planning Region (LRG-15) Update
 - 2. Sixth Cycle of Regional Water Planning – Request for Applications (RFA)
 - 3. Sixth Cycle of Regional Water Planning – Website
 - 4. Pre-Planning Public Meeting
 - 5. Interregional Planning Council Update
 - 6. Update on Changes to Original Water Planning Rules
 - 7. Mining Water Use Study
 - 8. Reservoir Yield Uncertainty Study

B. IBWC Daniel Avila, P.E.
Acting Commissioner

C. TCEQ Watermaster Jose “Lupe” Luna
Rio Grande Watermaster

D. TPWD Willy Cupit
Coastal Ecologist

10. Consideration and **ACTION** to Schedule Next Business Meeting on July 7, 2021.....Chairman

11. New or Unfinished BusinessChairman

12. Adjourn

Agenda items may be considered, deliberated and/or acted upon in a different order than numbered above. The Board of Directors of the Rio Grande Regional Water Planning Group (RGRWPG) (Region M) reserves the right to adjourn into Executive (Closed) Session at any time during the course of this meeting to discuss any of the items listed on this agenda as authorized by the Texas Open Meetings Act. No final action will be taken in Executive Session.

PUBLIC INPUT POLICY

Public Input Policy: “At the beginning of each RGRWPG meeting, the RGRWPG will allow for an open public forum/comment period. This comment period shall not exceed one (1) hour in length, and each speaker will be allowed a maximum of three (3) minutes to speak. All individuals desiring to address the RGRWPG must be signed up to do so, prior to the open comment period. The purpose of this comment period is to provide the public an opportunity to address issues or topics that are under the jurisdiction of the RGRWPG as outlined within final implementation guidelines of Senate Bill 1, 75th Legislative Session (SB-1). For issues or topics which are not otherwise part of the posted agenda for the meeting, RGRWPG members may direct staff to investigate the issue or topic further. No action shall be taken on issues or topics which are not part of the posted agenda for the meeting. Members of the public may be recognized on posted agenda items deemed appropriate by the Chairman as these items are considered, and the same time limitation (3 minutes) applies.”

ITEM 2.

MINUTES

MINUTES

MEETING OF THE RIO GRANDE REGIONAL WATER PLANNING GROUP (RGRWPG) (REGION M)

10:30 A.M. WEDNESDAY, JANUARY 6, 2021

LRGVDC MAIN CAMPUS
VIA GOTOMEETING VIDEO CONFERENCE AND
FOLLOWING SOCIAL DISTANCING MANDATES DUE TO THE COVID-19 PANDEMIC
INITIATED AND CHAIRED AT 301 W. RAILROAD STREET
PRESIDING: TOMAS RODRIGUEZ, CHAIR

- DRAFT -

1. Call to Order and Roll Call

Chairman Tomas Rodriguez called the meeting to order at 10:35 a.m. and staff confirmed that a quorum of the voting membership was present online.

The following voting members were in attendance:

<u>Board Members</u>	<u>Category</u>
Tomas Rodriguez, Chairman	Public
Sonny Hinojosa, Vice Chairman	Water Districts
Don McGhee, Secretary	Industries
Frank Schuster, Executive Committee	Other
Nick Benavides, Executive Committee	Small Business
Glenn Jarvis	Other
John Bruciak	Municipalities
Mayor Jim Darling	River Authorities
Carlos Garza	Small Business
Dennis Goldsberry	Water Utility
Judge Joe Rathmell	Counties
Jaime Flores	Environmental
Armando Vela	Groundwater Management Area
Riazul Mia	Municipalities
Dale Murden	Agriculture
Dr. Neal Wilkins	Agriculture
Jorge Flores	Municipalities
Tom McLemore	Water Districts

The following voting member was not in attendance:

Commissioner David Fuentes	County
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2. Consideration and Action to Approve October 7, 2020 Meeting Minutes

Mr. Riazul Mia made a motion to approve the minutes of the October 7, 2020 meeting as presented. Mr. Glenn Jarvis seconded the motion, and upon a vote the motion carried unanimously.

3. Hear Public Comment

There were no requests to make public comment.

4. Discussion and Action on Election of Officers

According to the bylaws, officers will serve a term of one calendar year. The current officers are:

NAME	OFFICE	CATEGORY	COUNTY
Tomas Rodriguez	Chair	Public	Webb
Sonny Hinojosa	Vice Chair	Water Districts	Hidalgo
Don McGhee	Secretary	Industries	Cameron
Frank Schuster	Member-at-Large	Other	Hidalgo
Nick Benavides	Member-at-Large	Small Business	Webb

Mr. Tomas Rodriguez informed the Group that he would not like to be nominated for chair this year; and would like to continue to serve as a voting member. The remaining officers have indicated their willingness to continue serving in their current positions. Mayor Jim Darling was nominated for chair. ***Mr. Riazul Mia made a motion to elect the following slate of officers:***

NAME	OFFICE	CATEGORY	COUNTY
Mayor Jim Darling	Chair	River Authorities	Hidalgo
Sonny Hinojosa	Vice Chair	Water Districts	Hidalgo
Don McGhee	Secretary	Industries	Cameron
Frank Schuster	Member-at-Large	Other	Hidalgo
Nick Benavides	Member-at-Large	Small Business	Webb

Mr. Jorge Flores seconded the motion and upon a vote, the motion carried unanimously.

Former Chairman Rodriguez symbolically passed the gavel to newly elected Chairman Darling. Chairman Darling presented Mr. Rodriguez with a plaque recognizing his five (5) years of service as Region M Chair. Mr. Rodriguez thanked the Group and stated that it was great working with the Group and that it was a wonderful learning experience. Texas Water Development Board Director Brooke Paup presented Mr. Rodriguez with a recognition certificate from the Board.

5. Consideration and Action to Advertise for Request for Qualifications (RFQ) to Procure Technical Consultant(s) for 6th Cycle of Region M Regional Water Planning as Per the Scope of Work to be Approved by Texas Water Development Board (TWDB)

Mr. Carlos Garza made a motion to approve advertising for an RFQ to procure technical consultant(s) for the 6th Cycle of Region M Regional Water Planning as per the Scope of Work to be Approved by TWDB. Mr. Glenn Jarvis seconded the motion, and upon a vote the motion carried unanimously.

6. Discussion and Consider Action on Status of Solicitation for Voting Member in Electric Generating Utilities Category

Chairman Darling asked if there were any potential nominees. Mr. John Bruciak was recognized and reported that he has tried to contact the Calpine plant in Hidalgo. He stated that it has been difficult because of the current pandemic situation, but that he will continue working on it.

7. Comments Regarding HCID #6 Expansion Project 2022

Ms. Sara Eatman, Black & Veatch reported that their staff has spoken with engineers involved in this project and they have verified that HCID #6 Expansion Project 2022 is already listed in the 2021 Rio Grande Regional Water Plan. The purpose of this project is to expand their services to cover a large portion of the Agua SUD service area. She thinks they may consider applying for funding and suggested that they check on what funding might be availability through TWDB. She also thinks there may be revisions to the project as it was listed, but not to the extent that it would require making a change to the 2021 Rio Grande Regional Water Plan or any sort of substitution.

8. Status Reports

Ms. Eatman was recognized to report on the following items:

A. Status on Current TWDB Contract Activities

1. **Discussion and Possible Action on Administration Budget Reconciliation**
Ms. Eatman reported that every Water Planning Cycle the LRGVDC has been unable to use all of the administration budget allotted by the TWDB. The contract allows for the balance of the administration budget to be moved to the consultant's line item to cover over expenditures. For the end of the 5th Cycle of Water Planning, Black & Veatch requests \$5,376.00 be moved from "Other Expenses (LRGVDC)" to "Subcontract Services (B&V)", and the unused \$1,000 in the "Voting Planning Member Travel" line item be moved to "Subcontract Service (B&V)". **Mr. Tomas Rodriguez made a motion to approve the Administration Budget Reconciliation as presented. Mr. Riazul Mia seconded and upon a vote, the motion carried unanimously.**
2. **2021 RWP Receipt and Approval Schedule**
Ms. Eatman reported that the 2021 Region M Regional Water Plan was received by the TWDB on November 3, 2020 and was deemed "Administratively Complete" on November 13, 2020. Approval of the Plan is anticipated to happen at the January 19 TWDB Board meeting.
3. **State Funding Program Requirements and TWP Amendment Process**
Ms. Eatman presented information on A Toolbox for Public Water Utilities, Eligible projects, various TWDB funding programs, and summarized the Regional Water Plan amendment process.

B. Financial Report

1. **Consideration and Action to Approve Budget & Expenditure Report**
Mr. Rick Carrera, LRGVDC was recognized and reported that as of November 30, 2020 there was an available cash balance of \$116,650.40. The 2020 budget balance was \$9,759.30. The budget for 2021 is \$19,250.00. **Judge Joe Rathmell made a motion to approve the Budget & Expenditure report. Mr. Don McGhee seconded the motion, and upon a vote the motion carried unanimously.**

- C. **Status of Joint Groundwater Area Planning in GMA's 4, 5, 7, 13, & 16**
There was no report available on this item.

- D. **Status of No Charge Releases from the San Juan River**
There was no new information to report on this item. Chairman Darling asked for more information on this topic for discussion at the next meeting.

E. Reports from Other Water Planning Groups

1. **Reports from Liaisons with Other Regions: Region J, Tomas Rodriguez; Region L, Don McGhee, and Region N, Commissioner David Fuentes**
There was no new information to report from other Water Planning Groups at this time.

- F. **Report on Water Conservation Plans and Drought Management Plans Filed with Region**
The list of plans received was in the meeting packet for review.

- G. Report on Notices of Applications for Funding and Grants
A current list of notices was provided in the meeting packet.

- H. Report on Regional Water Resource Advisory Committee (RWRAC)
Mr. Derek Katznelson reported that a subcommittee meeting is scheduled for next week and the next committee meeting is scheduled for February 3. Chairman Darling reported that these meetings are public meetings and invited the Group to attend. He stated that some of their attention has shifted to flood management primarily.

9. Reports from Federal and State Agencies

A. TWDB

Mr. William Alfaro was recognized and gave a presentation that covered the following topics:

1. 2021 SWIFT Funding Cycle
Mr. Alfaro informed the Group that the abridged application period is from 12/3/2020 – 2/1/2021 and applications are to be based upon 2021 RWP/2022 SWP.
2. Request for Application (RFA) for the Sixth Cycle
The first RFAs will be issued in the spring of 2021 and will include a checklist noting what information is required for the application, the region's initial budget, and the initial scope of work. The initial SOW will include Tasks 1, 2A, 2B, 8, and 10. TWDB is preparing a rule making update that would include a proposal to remove the 30-day public notice associated with the RFA.
3. Regional Water Planning Area Boundary Review Process
Mr. Alfaro reported that this review process is required every five years and the public comment period was opened through December 3, 2020. Board action is anticipated to occur in February.
4. Interregional Planning Council Status
The Council's report was submitted to TWDB in October 2020 and was distributed to the Regional Water Planning Groups, it is also available on the TWDB website. The Council developed recommendations regarding interregional coordination, best practices for future planning, and for planning water resources for the state as a whole. The recommendations targeted TWDB, the legislature, the Water Planning Groups and future Councils. TWDB staff presented a work plan to the Board at a November 2020 work session on how to address Council recommendations. Some of the Council's recommendations regarding coordination with other regions are proposed to be addressed during their next round of contracting and guidance.

One of the recommendations is regarding revising the Texas Open Meetings Act to allow for continued virtual meeting options for planning groups and their committees. This recommendation was included in the Board's legislative priorities report for the upcoming 87th Texas legislative session. Another recommendation is regarding the Water Planning Groups designated political subdivision to receive funding for certain direct labor eligible activities and will be addressed in the upcoming rules revisions for 2021.

The current Interregional Planning Council will dissolve upon adoption of the 2022 State Water Plan and nominations for the next Council will be solicited following the State Plan's adoption.

5. Regional Water Planning Rulemaking Update
Mr. Alfaro reported that rulemaking will begin in early 2021 to update RWP notice requirements and contract eligibility for limited direct labor costs.
6. Mining Water Use Study
TWDB contracted with Bureau of Economic Geology (BEG) to assess mining water use and update mining demand projections for 2026 RWP. The kickoff meeting was held on December 18, 2020 and their website has been launched.
7. Flood Update
Mr. Alfaro reported that the Flood Planning Groups have begun the process of designating their political subdivisions, procuring technical consultants, and adopting bylaws. They have also announced the appointees to this fledgling organization; of note to Region M are the appointments of voting member Mr. Riazul Mia and Commissioner David Fuentes. Former member Ms. Sonia Lambert was also appointed to the Lower Rio Grande Flood Planning Group (LRG-15).

B. IBWC

Commissioner Jayne Harkins was recognized and reported that as of December 31, 2020, two of the four pumps at the El Morillo Drain have been running, however there is water spilling into the Rio Grand that is fairly salty due to the fact that Mexico has started to irrigate crops. Water samples have been taken at the United Irrigation District that show high salinity measurements. She stated that the IBWC is monitoring this situation closely. She reported that the Mexican contractor has started some major maintenance work on El Morillo Drain. She specified that this is not work that will make the canal size larger, but it does include electrical upgrades at the pump station, vegetation removal, concrete repair, sediment removal, and wet wall improvement so that the pump station can operate more efficiently and effectively for longer periods of time. This work is currently underway and will take several months to complete.

Since she last reported at the October Region M meeting, the 5-year cycle has ended. Minute 325 was signed on October 21, 2020 and went into full force and effect that day. With that in place Mexico has moved water from their account to the US account; it took a couple of weeks to finalize all the accounting procedures but that has now been completed.

With that Minute in place, there are discussions taking place in workgroups. The technical work group met several times this past fall and has meetings scheduled this month. The IBWC is establishing other meetings with the Policy Workgroup and some meetings with TCEQ to begin working on other options with the goal of trying to have another Minute by the end of 2023.

C. TCEQ Watermaster

Mr. Anthony Stambaugh was recognized and gave the status of the reservoir levels.

D. TPWD

Mr. Willy Cupit stated that there was no new information to report at this time.

10. Discussion, Consideration, and ACTION to Schedule Next Business Meeting on either March 3, 2021 or April 7, 2021

Dale Murden made a motion to schedule the next business meeting on Wednesday, April 7, 2021 at 10:30 am via GoToMeeting. Mr. Riazul Mia seconded and upon a vote the motion carried unanimously.

11. New or Unfinished Business

There being no further business to come before the Group, Chairman Darling adjourned the meeting at 11:33 a.m.

Jim Darling, Chair

ITEM 8. B.

**FINANCIAL
REPORT**

Period 1/1/2021 to 3/19/2021

Region M 2021 Budget & Expenditure Report

Budget Item	Budget 2021		FY '21 Jan- Mar 19 Expense	Budget Remaining
Salaries: (to include fringe & indirect)	\$14,000.00		\$1,723.32	\$12,276.68
Website Maintenance	\$1,000.00		\$150.00	\$850.00
Travel	\$500.00		\$0.00	\$500.00
Consumable Supplies	\$200.00		\$0.00	\$200.00
Printing	\$500.00		\$3.10	\$496.90
Communications Phone /Internet	\$300.00		\$0.00	\$300.00
Postage	\$100.00		\$0.00	\$100.00
Sponsorships/other	\$2,650.00		\$0.00	\$2,650.00
Total	\$19,250.00		\$1,876.42	\$17,373.58
Interest Income			\$453.32	
Cash Available at Date	1/1/2021		3/19/2021	
Cash Available	\$114,330.08		\$112,906.98	

ITEM 8. C.

**NO CHARGE
RELEASES FROM
THE SAN JUAN
RIVER**

March 19, 2021

Chairman Darling,

The RGRWPG has had on its meeting Agenda an item regarding the status of no charge pumping from the Rio San Juan. What prompted this item was an action that took place in 2015. In 2015, Mexico released flood flows through the Rio San Juan and historically these flows were made available to Texas diverters downstream of its confluence with the Rio Grande as no charge pumping. "No charge" meaning that the diversion of these flows were not charged (deducted) from the water right holders storage account in the Amistad/Falcon Reservoir system.

The International Boundary & Water Commission (IBWC) acted upon a request by the state of Texas to give Mexico 1944 Treaty delivery credit for any diversions of these flood flows. This action is not consistent with the terms of the Treaty.

To support this inconsistency of the 1944 Treaty, the TCEQ Rio Grande Watermaster charged the water right storage accounts in the Amistad/Falcon Reservoir system the volumes of water diverted from these flood flows. This action is not consistent with TAC Chapter 303 – Operation of the Rio Grande.

Overwhelming support was provided to a group that represents the majority of the water rights in the Amistad/Falcon Reservoir system and suit was brought against the TCEQ to reverse the action of charging the water rights storage accounts for water that was not released from storage. This lawsuit currently sits in the 13th Court of Appeals pending ruling on a jurisdictional plea.

I leave it up to you whether to keep this agenda item or I can simply update the group should action ever occur. Since the 2015 occurrence, the TCEQ has adamantly opposed giving Mexico credit for any tributary flows other than those specified in the Treaty and have declined to accept any Rio San Juan water.

Sonny Hinojosa

ITEM 8. E.

WATER CONSERVATION AND DROUGHT CONTINGENCY PLANS

Water Conservation & Drought Contingency Plans Received

Since January 2010, the following plans have been received:

The highlighted entities have not sent an updated Plan

- San Ygnacio MUD Water Conservation & Drought Contingency Plan (7/29/2010)
- Bruni Rural Water Supply Corporation Drought Contingency & Emergency Water Demand Management Plans (1/24/2011)
- Jim Hogg County W.C. & I.D. No. 2 Water Conservation and Drought Contingency Plan (3/31/2011)
- City of San Juan Water Conservation Plan (8/17/2011)
- Segundo Navarro Drilling, Ltd Water Conservation Plan (10/25/2011)
- Union Water Supply Corporation Drought Contingency Plan (11/29/2011)
- Brush Country Groundwater Conservation District Draft Groundwater Management Plan (6/27/2011)
- Zapata County Waterworks Conservation & Drought Contingency Plan (5/28/2013)
- City of Roma Water Conservation & Drought Contingency Plan (6/17/2014)
- Hidalgo County Irrigation District #16 Water Conservation & Drought Contingency Plan (7/15/2014)
- Zapata County Water Works Conservation Plan (Updated) (7/13/2014)
- Hidalgo County Drainage Dist. #1 Regional Water Management Program Water Conservation & Drought Contingency Plans (8/25/2014)
- City of Raymondville Updated Water Conservation Plan and Updated Drought Contingency Plan (8/28/2014)
- Hidalgo County Irrigation District #2 Water Allocation Rules and Regulations (8/28/2014)?
- Delta Lake ID Water Conservation & Drought Policies (9/19/2014)
- City of Harlingen Waterworks System Water Conservation & Drought Contingency Plan (6/15/2015)
- United Irrigation District Water Conservation & Drought Contingency Plan (8/31/2015)
- Cameron County Irrigation District #6 Drought Contingency Plan (3/14/2016)
- Kenedy County - GCD Management Plan (5/9/2017)
- Eagle Pass Water Works System - Drought Contingency & Water Conservation Plans (9/15/2017)
- McAllen Public Utilities– Water Conservation and Drought Contingency Plan (6/4/2018)
- Olmito Water Supply Corporation - Water Conservation Plan & Drought Contingency Plan (3/11/2019)
- Hidalgo County Irrigation District #2 - Water Conservation Plans for Irrigation, and for Municipal & Industrial (4/18/2019)
- City of Pharr – Public Utilities Water Conservation & Drought Contingency Plans (4/22/2019)
- Hidalgo County Irrigation District #13 - Drought Contingency Plan (4/22/2019)
- Brownsville Public Utility Board – Water Conservation & Drought Contingency Plan (4/24/2019)
- Southmost Regional Water Authority – Water Conservation & Drought Contingency Plan (4/24/2019)
- Cameron County Irrigation District #2 – Water Conservation Plan & Drought Contingency Plan (4/24/2019)
- Agua SUD – Water Conservation Plan & Drought Contingency Plan (4/25/2019)
- Maverick County Water Control and Improvement District #1 – Water Conservation Policy, Drought Contingency and Water Allocation Policy, and Drought Contingency Plan for Wholesale Water Suppliers (4/29/2019)
- Hidalgo County Irrigation District #6 – Water Conservation & Drought Contingency Plan (4/30/2019)
- Hidalgo County Irrigation District #5 – Water Conservation & Drought Contingency Plan (4/30/2019)
- Hidalgo County Water Improvement District #3 Water Conservation & Drought Contingency Plan (5/20/2019)
- La Feria Irrigation District Cameron County #3 Water Conservation & Drought Contingency Plan (5/20/2019)
- East Rio Hondo Water Supply Corporation – Water Conservation and Emergency Water Demand Management Plan (6/25/2019)
- Sharyland WSC – Water Conservation and Drought Contingency Plan (7/16/2019)
- Maverick County Water Control & Improvement Dist #1 – Mining Water Conservation Policy (7/16/2019)
- City of Hidalgo Water Conservation Plan (8/5/2019)
- City of Laredo – Water Conservation & Drought Contingency Plans (8/9/2019)

- North Alamo Water Supply Corporation – Water Conservation Plan and Drought Contingency Plan & Water Rationing Plan (9/18/2019)
- City of Mission Public Works – Updated Water Conservation and Drought Contingency Plan (9/30/2019)
- City of Los Fresnos – Water Conservation Plan (11/7/2019)
- City of Rio Grande City – Drought Contingency and Water Conservation Plans (12/3/2019)
- City of Mercedes Water Conservation and Drought Contingency Plans (6/30/2020)
- Harlingen ID System Inventory & Water Conservation Plan for Ag Water Suppliers (10/15/2020)

ITEM 8. F.

**NOTICES
OF
APPLICATIONS
FOR
FUNDING AND
GRANTS**

Report on Notices of Applications for Funding & Grants Received

- Aqua Special Utility District – Eastern Wastewater System Project (2/12/2016)
- City of Los Fresnos – Water Treatment and Distribution System Improvements Project (3/1/2016)
- Sol y Mar Water System, City of San Juan – Drinking Water State Revolving Fund Project No. 62629 Water System Improvements (3/14/2016)
- POWER Engineers, Inc. – Proposed Rio Grande LNG Interconnection Project Cameron County, TX (4/4/2016)
- City of McAllen (CWSRF Project No. 73731) – North McAllen WWTP Reuse Project (5/9/2016)
- Cameron County Drainage District #5 – Flood Early Warning, Flood Response Implementation, and Flood Protection Planning for CCDD#5 (6/20/2016)
- Laguna Madre Water District (CWSRF Project No. 73730) – Port Isabel WWTP Phase I Improvements (7/5/2016)
- City of La Joya Wastewater Treatment Plant Upgrade EID (2/4/ 2018)
- City of San Juan (CWSRF Project No. 73796) – Belt Filter Press Installation Project – Environmental Determination by TWDB (2/7/2018)
- City of Alamo – TWDB/CWSRF Wastewater Treatment Plant Project #73738 (3/5/2018)
- City of San Juan – CWSRF Program \$1,270,000 (5/3/2018)
- North Alamo WSC – EDAP Program \$8,821,350 (12/13/2018)
- North Alamo WSC – CWSRF Program \$4,495,000 (12/13/2018)
- City of San Juan – CWSRF Program \$9,250,000 (2/4/2019)
- City of San Juan – Wastewater Treatment Plant Expansion \$2,658,000 (2/4/2019)
- City of San Juan – Wastewater Treatment Plan Repair/Replace Equipment \$10,477,000 (2/4/2019)
- Cameron County ID #6 - for water system improvements \$865,000 (9/15/2019)
- City of Brownsville – Flood Mitigation and Preservation Projects \$7,000,000 (12/19/2019)
- City of Laredo – Manadas Creek Wastewater Treatment Plant \$52,000,000 (12/19/2019)
- City of Alton – Flood Prevention \$8,500,000 (2/27/2020)
- North Alamo WSC –Energy Efficient Desalination Technologies \$17,542, 246 (3/12/2020)
- City of Rio Grande City – Increase Wastewater Treatment Plant Capacity \$7,495,615 (5/21/2020)
- City of Pharr – Installation of Gravity Sewer Lines &Force Mains \$19,830,421 (6/25/2020)
- City of Pharr – Upgrades & Improvements to city’s WTP to address deficiencies and improve Performance \$17,880,000 (6/25/2020)
- City of Los Fresnos – Rehabilitate 3 lift stations, add new lift station & 3 grinder pumps, purchase generators & automatic transfer switches for lift stations, replace deteriorated vitrified clay sewer lines, etc. \$2,420,000 (7/23/2020)

- City of Los Fresnos – Water and Wastewater System Improvement Projects \$5,051,101 (7/23/2020)
- City of Raymondville – Replace and Update Old Iron & Asbestos Waterlines \$2,599,412 (8/5/2020)
- City of Eagle Pass – Upgrade to City’s Metering System \$3,997,286 (8/5/2020)

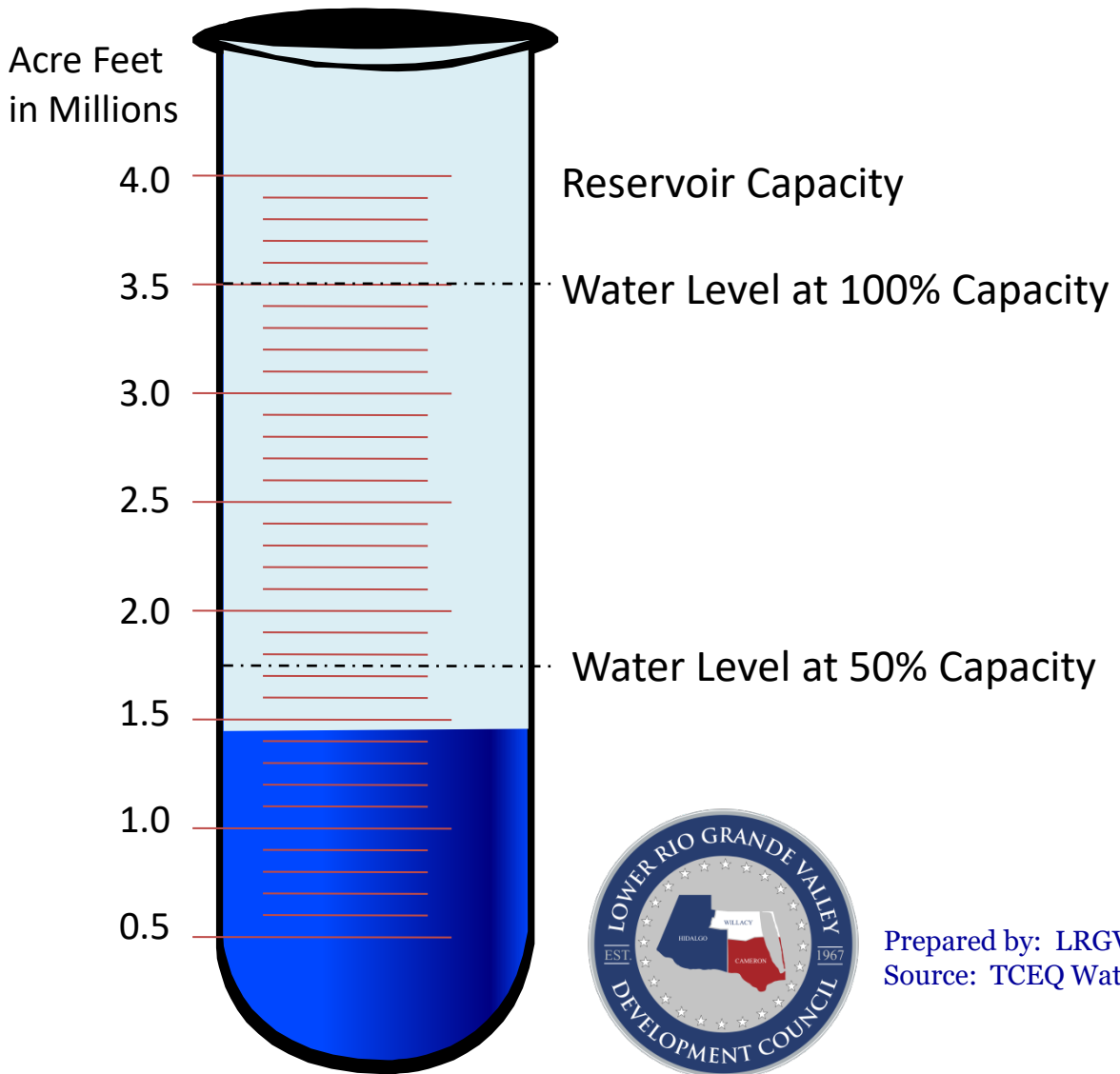
ITEM 9. C.

**REPORT FROM
TCEQ**

Water Levels at Amistad and Falcon Reservoirs (U.S. Ownership)

3/27/2021, 43.18% of Capacity or 1,454,547 AF

Down from 1,726,812 AF of Normal Conservation a year ago



**NOTE: Mexico Ownership/Reservoir Capacity for
March 27, 2021: 5.96% (150,743) A.F.**

Rio Grande Watermaster Report

03/27/21

AMISTAD RESERVOIR

Normal Conservation Elevation	340.462	Meters	1,117.00 Feet	
Water Elevation	326.755	Meters	1,072.03 Feet	-44.97
Total Normal Conservation Capacity	4,040,325	TCM	3,275,532 Acre-Feet	
Total Combined Storage	1,469.038	MCM	1,190,964 Acre-Feet	36.36%
US Share of Current Storage	1,356.321	MCM	1,099,583 Acre-Feet	92.33%
Mexico share of Current Storage	112.717	MCM	91,381 Acre-Feet	7.67%
TOTAL RELEASES AVG	28.70	CMS	1,014 CFS	
US Release AVG	25.70	CMS	908 CFS	89.55%
Mexico Release AVG	3.00	CMS	106 CFS	10.45%
TOTAL INFLOWS AVG	36.00	CMS	1,271 CFS	
US Inflows AVG	28.00	CMS	989 CFS	
Mexico Inflows AVG	8.00	CMS	283 CFS	
TOTAL LOSSES AVG	12.30	CMS	434 CFS	
US Reservoir Loss AVG	11.40	CMS	403 CFS	
Mexico Reservoir Loss AVG	0.90	CMS	32 CFS	

FALCON RESERVOIR

Normal Conservation Elevation	91.805	Meters	301.20 Feet	
Water Elevation	78.985	Meters	259.14 Feet	-42.06
Total Normal Conservation Capacity	3,264,813	TCM	2,646,817 Acre-Feet	
Total Combined Storage	523.401	MCM	424,326 Acre-Feet	16.03%
US Share of Current Storage	450.178	MCM	364,964 Acre-Feet	86.01%
Mexico share of Current Storage	73.223	MCM	59,363 Acre-Feet	13.99%
Total Releases AVG	92.70	CMS	3,274 CFS	
US Release AVG	62.40	CMS	2,204 CFS	67.31%
Mexico Release AVG	30.30	CMS	1,070 CFS	32.69%
TOTAL INFLOWS AVG	42.10	CMS	1,487 CFS	
US Inflows AVG	31.10	CMS	1,098 CFS	
Mexico Inflows AVG	11.00	CMS	388 CFS	
TOTAL LOSSES AVG	7.45	CMS	263 CFS	
US Reservoir Loss AVG	6.36	CMS	225 CFS	
Mexico Reservoir Loss AVG	1.09	CMS	38 CFS	

OVERALL STATUS

Normal Conservation Capacity - Amistad	4,040,325	TCM	3,275,532 Acre-Feet	
US Share of Amistad Normal Conservation	2,270,663	TCM	1,840,849 Acre-Feet	
Current US share of Normal Conservation	1,356,321	TCM	1,099,583 Acre-Feet	59.73%
Normal Conservation Capacity - Falcon	3,264,813	TCM	2,646,817 Acre-Feet	
US Share of Falcon Normal Conservation	1,913,180	TCM	1,551,034 Acre-Feet	
Current US share of Normal Conservation	450,178	TCM	364,964 Acre-Feet	23.53%
Normal Capacity - Amistad/Falcon System	7,305,138	TCM	5,922,348 Acre-Feet	
Normal Conservation Capacity - US	4,183,843	TCM	3,391,883 Acre-Feet	57.27%
Normal Conservation Capacity - Mexico	3,121,295	TCM	2,530,465 Acre-Feet	42.73%
Current Storage US	1,806.499	MCM	1,464,547 Acre-Feet	43.18%
Current Storage Mexico	185.940	MCM	150,743 Acre-Feet	5.96%
Current Storage - Amistad - Falcon System	1,992,439	TCM	1,615,290 Acre-Feet	
Percent of Storage Capacity	27.27%		27.27%	