

AGENDA

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

11:00 A.M. WEDNESDAY, SEPTEMBER 4, 2019

ZAPATA COUNTY COURT HOUSE

200 E 6TH STREET, SUITE 248
ZAPATA, TEXAS, 78076

PRESIDING: TOMAS RODRIGUEZ, CHAIR

1. Call to Order & Roll Call..... Chairman

2. Consider Approval of July 17, 2019 Meeting Minutes..... Chairman

ACTION ITEM

3. Public Comment..... Chairman

4. Consider Petition from Voting Member to Serve Additional Term..... Chairman

ACTION ITEM

5. Status of Solicitation for Voting Member in Electric Generating Utilities Category Chairman

6. Briefing on Texas Water Development Board Flood Planning & Financing Meeting
Held August 15, 2019 in McAllen..... Chairman

7. Status Reports

ACTION MAY BE TAKEN ON ANY OF THE FOLLOWING ITEMS

A. Status on Current TWDB Contract Activities Sara Eatman
Black & Veatch

1. Review Chapter 3: Supply Analysis
2. Review Chapter 4: Needs Analysis
3. Review Chapter 7: Drought Response
4. Water Management Strategy Update
5. Budget Contract Status Update

- B. Financial Report Blanca Davila
LRGVDC
- C. Status of Joint Groundwater Area Planning in GMA’s 13 & 16..... Armando Vela
GMA 16
- D. Status of No Charge Releases from the San Juan River Sonny Hinojosa
Vice Chair
- E. Reports from Other Regional Water Planning Groups
 - 1. Reports from Liaisons with: Region J, Chairman Tomas Rodriguez; Region L, Don McGhee,
and Region N, Commissioner David Fuentes
- F. Report on Water Conservation Plans and Drought Management Plans Filed with Region Chairman
- G. Report on Notices of Applications for Funding and Grants Chairman
- H. Report on Regional Water Resources Advisory Committee (RWRCA)..... Com. David Fuentes
RWRAC Chairman

8. Reports from Federal and State Agencies

ACTION MAY BE TAKEN ON ANY OF THE FOLLOWING ITEMS

- A. TWDB William Alfaro
Regional Water Planning
 - 1. Status on the following:
 - a. Implementation Survey
 - b. Socioeconomic Impacts Report Development
 - c. Drought Preparedness Council Recommendations
- B. IBWC..... Jayne Harkins
Commissioner
- C. TCEQ Watermaster Jose “Lupe” Luna
Rio Grande Watermaster
- D. TPWD..... Willy Cupit
Coastal Ecologist

9. Discussion and Consideration to Schedule Next Meeting on December 18, 2019..... Chairman

ACTION ITEM

10. New or Unfinished Business..... Chairman

11. 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, JULY 17, 2019

LRGVDC MAIN CAMPUS – KEN JONES EXECUTIVE BOARD ROOM
301 W. RAILROAD STREET, WESLACO, TX
PRESIDING: SONNY HINOJOSA, VICE CHAIR

- DRAFT -

1. Call to Order and Roll Call

Vice Chair Sonny Hinojosa called the meeting to order at 10:30 a.m. and presided over this meeting on behalf of Chairman Tomas Rodriguez. At the call to order a quorum was declared with the following voting members were in attendance:

<u>Board Members</u>	<u>Category</u>
Sonny Hinojosa, Vice Chairman	Water Districts
Frank Schuster, Executive Committee	Other
Nick Benavides, Executive Committee	Small Business
Glenn Jarvis	Other
John Bruciak	Municipalities
Carlos Garza	Small Business
Dennis Goldsberry	Water Utility
Armando Vela	Groundwater Management Area
Riazul Mia	Municipalities
Dale Murden	Agriculture
Jorge Flores	Municipalities
Tom McLemore	Water Districts

The following voting members were not in attendance:

Tomas Rodriguez, Chairman	Public
Don McGhee, Secretary	Industries
Mayor Jim Darling	River Authorities
Judge Joe Rathmell	Counties
Jaime Flores	Environmental
Dr. Neal Wilkins	Agriculture
Commissioner David Fuentes	County

2. Consider Approval of March 20, 2019 Meeting Minutes

Mr. Frank Schuster made a motion to approve the minutes of the March 20, 2019 meeting as presented. Mr. Riazul Mia seconded the motion, and upon a vote the motion carried unanimously.

3. Hear Public Comment

There were no requests to make Public Comment.

4. Consider Authorizing LRGVDC to Negotiate and Execute Subsequent TWDB Contract Amendment

Mr. Nick Benavides made a motion to authorize the LRGVDC to negotiate and execute subsequent TWDB contract amendment. Mr. Glenn Jarvis seconded and upon a vote the motion carried unanimously.

5. Discussion and Consideration on Electric Generating Utilities in Region M

Vice Chairman Hinojosa recalled for the Board the discussion that took place at the last meeting on this topic then recognized Mr. Ron Garza, LRGVDC Executive Director, to address this item. Mr. Garza thanked Black & Veatch Engineer Sara Eatman for preparing a report on Electric Generating Utilities in Region M, and he noted that there are a few entities: Topaz, La Paloma, and Calpine, that could potentially have suitable candidates to serve as a voting member. For Consideration, renewable energy wind farms such as: Magic Valley Wind, Los Vientos I and II, and Cameron County Wind were also noted in the report.

Mr. Glenn Jarvis informed the Group that Maverick County has a hydro-power plant owned by the county; they do sell electricity and they are not a corporation or a river authority.

Mr. Garza noted there are three (3) options to consider:

- Option 1 - Contact the entities from this report to determine feasibility and interest in serving.
- Option 2 - Write a letter to the TWDB Administrator to get clarification on this category.
- Option 3 - Send a letter to TWDB requesting to remove the Electric Generating Utilities category from the Region M Voting Membership composition.

Upon conclusion of discussion ***Mr. Tom McLemore made a motion to send a letter to the active electric generating utilities identified in the report and Maverick County to determine interest in serving on Region M. Mr. Carlos Garza seconded, and upon a vote the motion carried unanimously.***

6. Information and Discussion on Regional Water Resource Advisory Committee (RWRAC)

Mr. Garza was recognized and informed the Group about the origins, development, and purpose of this new entity. The RWRAC has gone from an informal group advocating for drainage infrastructure projects because of damage cause by the last two June storm events; and has developed into an official advisory committee under the LRGVDC's Community & Economic Development Department. The RWRAC adopted bylaws in May and have appointed some of the members designated in those bylaws. Their membership includes a seat for a Region M Voting Member. Mr. Jaime Flores and Mayor Jim Darling have expressed interest in serving on this advisory committee. It was the consensus of the Group to submit their names to the RWRAC. The RWRAC will in turn request approval from the LRGVDC Board of Directors. No action needed.

At this time Vice Chair Hinojosa recognized TWDB Commissioner Brooke Paup and asked her to introduce herself. Commissioner Paup stated that she has spent the last few days touring the Valley and she spoke of the importance the Rio Grande Valley has for the State Water Plan.

7. Status Reports

A. Status on Current TWDB Contract Activities

Ms. Sara Eatman, Black & Veatch, was recognized and introduced their newest team member, Ms. Katie Snyder, who will also work on the Regional Water Plan. Together they addressed the following topics:

- 1. Chapter 1: Description of Planning Area 2021 Update**
Ms. Snyder summarized Chapter 1 and requested the Group review it and provide comments.
- 2. Chapter 2: Demand Projections, 2021 Update**
Ms. Snyder summarized Chapter 2 and requested the Group also review this chapter and provide comments.
- 3. Chapter 7: Drought Response, Approach**
Ms. Eatman summarized the following sections of Chapter 7:
 - a. Update Drought Contingency Plans**
Ms. Eatman explained the need for Region M to receive drought contingency plans and that they are required to be submitted every 5 years.
 - b. Update Emergency Interconnections**
Ms. Eatman stated that the recommendation for this planning cycle is not to have a sub-committee, but to have designated members either of the political subdivision staff, planning group members, or herself to determine if the list of interconnects from the last cycle needs to be revised in any way. She stated that two (2) members will be sufficient for this sub-committee and reminded the Group that the locations and functions of each interconnection needs to be kept confidential.
 - c. Identify Drought Management Strategies**
Drought management strategies are those that quantify a temporary reduction in demand or supplemental supplies which can be implemented in a time of drought but are not necessarily going to be utilized all the time. These are discussed in Chapter 7 as a unique sub-set of water management strategies and they will be evaluated along with the other strategies in terms of being in the “potentially feasible” list. Upon conclusion of discussion Ms. Eatman stated she would take the Group’s suggestions and write a draft discussion on Chapter 7 and On-farm conservation for the next meeting.
- 4. Present Agricultural Conservation Water Management Strategy**
Ms. Eatman stated that agricultural demands are estimated based on conditions in 2011 when the reservoirs were full and there was very little rain. Supplies are based on the worst-case drought scenario. She proposed that Agricultural Conservation be included as a Demand Reduction WMS.
- 5. Report from GMA 16 Meeting Presentation, June 25, 2019**
Ms. Eatman stated that at this meeting she presented estimates of current groundwater pumping in the areas of Region M that are covered by GMA 16 and she offered to assist them in establishing pumping for the next Joint Groundwater Planning Cycle. The goal will be to provide the best estimates of current pumping so the model can identify any areas where DFCs are not met.
- 6. Budget and Contract Status Update**
Ms. Eatman showed the current budget figures and informed the Group that 57% of the budget remains based on current funding.

B. Financial Report

Ms. Marcie Oviedo, LRGVDC, reported that the current budget balance as of July 10, 2019 is \$15,847.48 from the annual budget of \$17,250.00, and there is an available cash balance of \$132,444.91.

C. Status of Joint Groundwater Area Planning in GMA's 4, 5, 7, 13, & 16

Mr. Armando Vela reported that the next GMA 16 meeting is scheduled for September 24, 2019 and that the board tried without success to pass a resolution concerning poor meeting attendance from Starr County representatives.

D. Status of No Charge Releases from the San Juan River

There was no new information to report on this item.

E. Reports from Other Water Planning Groups

1. **Reports from Liaisons with Other Regions: Region J, Chairman Tomas Rodriguez; Region L, Don McGhee, and Region N, Commissioner David Fuentes**

There were no reports from other planning groups at this time.

F. Report on Water Conservation Plans and Drought Management Plans Filed with Region

An updated list of plans that have been received was provided in the meeting packet.

G. Report on Notices of Applications for Funding and Grants

A current list of notices was provided in the meeting packet.

8. Reports from Federal and State Agencies

A. TWDB

Mr. Kevin Smith, TWDB Project Manager for Regions B, C & N reported on behalf of Mr. William Alfaro.

1. Mr. Smith reported on the status on the following topics:

a. **Drought Preparedness Council Recommendations**

He reported that an updated outline Drought Template for Chapter 7 of the Regional Water Plan is available on TWDB 5th Cycle working documents page under task 7. This is similar to the one from the previous planning cycle; one change is the open meetings requirement on the emergency interconnects. The Drought Preparedness Council met April 16 to discuss recommendations and as soon as they are available, they will go out to the planning groups.

b. **New Educational Material**

Mr. Smith brought copies of the new Do's and Don'ts which is aimed at answering questions from the public on what a RWPG does and made them available to the group. The State Water Infrastructure For Texas (SWIFT) Prioritization document talks about how SWIFT projects are ranked for funding from the SWIFT program.

c. **Legislative Update Presentation**

Mr. Smith informed the Board that during the regular legislative session three (3) bills relevant to regional water planning and significant bills related to flood planning and project funding were passed. Those bills are:

- HB 807
This bill created an interregional planning council (based on RWPG nominations) consisting of one member from each RWPG during each 5-year planning cycle prior to the adoption of a new state water plan. Each Group is to nominate at least one member. If more than one nomination is made than the TWDB will appoint a member based on those nominations.
- i. Nominate Member as Representative to Interregional Planning Council as per HB 807

Vice Chairman Hinojosa informed the Group that Chairman Tomas Rodriguez has expressed interest in serving on the Interregional Planning Council. He then opened the floor for other nominations. There being no other nominations Vice Chairman Hinojosa called for a vote, which was unanimously in favor to nominate Chairman Tomas Rodriguez to represent Region M on the Interregional Planning Council.

HB 807 also added 5 new requirements to the development of the Regional Water Plans. Mr. Smith detailed each of the following new requirements:

1. Identify unnecessary or counterproductive variations in drought response strategies.
2. Provide a specific assessment for ASR projects to meet significant water needs identified in the RWPA.
3. Set specific GPCD goals for each decade for municipal WUGs.
4. Assess the progress in encouraging cooperation between WUGs to develop WMSs that achieve economies of scale and benefit the entire region.
5. Recommend legislative changes to improve the water planning process.

- HB 721
Mr. Smith summarized the requirements for the TWDB and the anticipated implementation as set out in this bill
- HB 723
Mr. Smith summarized the requirements for TCEQ as set out in this bill.
- SB 7
This bill is aimed at providing funding through multiple funds and accounts for flood planning, protection and mitigation as well as data collection and modeling.
- SB 8 (flood)
This bill establishes a state and regional flood planning process that will be administered by TWDB. Flood planning regions will be determined by river basins. The first regional flood plans will be due by January 10, 2023 and the first state flood plan will be due by September 1, 2024. It requires the State Soil and Water Conservation Board to prepare a 10-year dam repair, rehabilitation, and maintenance plan for flood control dams under their jurisdiction.

TWDB is planning stakeholder meetings around the state to gather preliminary input on SB 7 and SB 8 implementation. These meetings will provide input for rulemaking.

B. IBWC

No representative from the IBWC was present, and no report was provided.

C. TCEQ Watermaster

No representative from TCEQ was present, and no report was provided.

D. TPWD

No representative was present, and no report was provided.

9. Discussion and Consideration to Schedule Next Meeting

It was the consensus of the Group to schedule the next meeting on Wednesday, September 4, 2019 at 11:00 am in Zapata.

10. New or Unfinished Business

There being no further business to come before the Group the meeting was adjourned at 12:14 p.m.

Tomas Rodriguez, Chair

ITEM 4.

**PETITION
FOR
ADDITIONAL
TERM**



*Tomas Rodriguez
Laredo, *Chairman*

*Sonny Hinojosa
HCID #2, San Juan, *Vice-Chairman*

*Donald K. McGhee
Hydro Systems, Inc., Harlingen

*Frank Schuster
Val Verde Vegetable Co., McAllen

*Nick Benavides
Nick Benavides, Company, Laredo

Glenn Jarvis
Attorney, McAllen

John Bruciak
Brownsville PUB

James Darling
Rio Grande Regional Water Authority

Carlos Garza, P.E.
AEC Engineering, LLC., Edinburg

Dennis Goldsberry
North Alamo WSC, Donna

Joe Rathmell
Zapata County Judge

Jaime Flores
Arroyo Colorado Partnership, Weslaco

Armando Vela
Red Sands GCD, Linn

Dale Murden
Texas Citrus Mutual, Mission

Riazul Mia
City of Laredo, Engineer

Neal Wilkins, Ph.D.
East Foundation

Jorge Flores
Eagle Pass Water Works

David L. Fuentes
Hidalgo County Commissioner

Tom McLemore
Harlingen Irrigation District

***Executive Committee**

MEMORANDUM

TO: RGRWPG Voting Members
FROM: Ron Garza, LRGVDC Executive Director
DATE: August 29, 2019
SUBJ: **Member Terms**

According to the Region M Bylaws:

“Section 2. Terms of Office

The terms of all initial voting members shall expire on September 1, 2001. Upon the expiration of the initial terms, all voting members shall draw lots for additional terms of five years or two years, such that half of the voting members' terms will expire in two additional years and the other half in five additional years. If there is an odd number of voting members at the time the lots are drawn, one more than half shall draw lots for the two-year terms. No later than ninety calendar days prior to the end of the two-year terms, the voting members shall initiate procedures to appoint successors for the voting members drawing two-year terms, utilizing the process set forth under Section 4 of this Article. Outgoing voting members shall be given the opportunity to fully participate in the selection process for their successors and shall serve until their successors take office. *At the conclusion of the two-year terms described above, all subsequent terms of office for voting members shall be five years, the goal of staggering the terms of office having been accomplished. All persons shall be eligible to serve a maximum of two (2) consecutive five-year terms as a voting member of the RGRWPG. (Amended 7/16/2003). Those persons completing two consecutive terms may petition the RGRWPG to serve additional terms. A two-thirds (2/3) vote of the voting members present is required for approval of a petition for additional terms.*”

Please see attached list of Member Term Lengths to consider those who are eligible for additional terms.

Stewards of water resources from Amistad to the Gulf

RGRWPG - REGION M - MEMBERS AND TERM LENGTHS
for 2019 – revised 3/2019

Name	Category	1 st Term Began	Current Term Ends September 1 st of:	5 Year Term Currently Serving	# of 5 Year Terms Completed
1. Glenn Jarvis	Other	03/25/1998	2020	5 th	4
2. Sonny Hinojosa	Water Districts	03/25/1998	2020	5 th	4
3. Donald K. McGhee	Industries	06/27/2001	2023	5 th	4
4. John Bruciak	Municipalities	06/27/2001	2020	4 th	3
5. Mayor James Darling	River Authorities	11/17/2004	2019	3 rd	2
6. Tomas Rodriguez	Municipalities	07/30/2008	2023	3 rd	2
7. Carlos Garza	Small Business	07/30/2008	2023	3 rd	2
8. Dennis Goldsberry	Water Utilities	08/04/2010	2020	2 nd	1
9. Judge Joe Rathmell	Counties	06/01/2011	2021	2 nd	1
10. Jaime Flores	Environmental Interests	08/03/2011	2021	2 nd	1
11. Armando Vela	GMA Category	10/05/2011	2021	2 nd	1
12. Frank Schuster	Other	01/04/2012	2022	2 nd	1
13. Nick Benavides	Small Business	06/05/2013	2023	2 nd	1
14. Dale Murden	Agriculture	03/09/2016	2021	1 st	
15. Riazul Mia	Municipalities	03/09/2016	2021	1 st	
16. Dr. Neal Wilkins	Agriculture	07/13/2016	2021	1 st	
17. Jorge Flores	Municipalities	01/24/2018	2023	1 st	
18. Commissioner David Fuentes	Counties	08/01/2018	2023	1 st	
19. Tom McLemore	Water Districts	03/20/2019	2024	1 st	

ITEM 7. B.

**FINANCIAL
REPORT**

Region M 2019 Budget & Expenditure Report

Budget Item	Budget Amount	Revenues to date			FY '19 Total Expense	Available Balance
Salaries: (to include fringe & indirect)	\$8,500.00				\$2,055.16	\$6,444.84
Website Maintenance	\$2,600.00				\$525.00	\$2,075.00
Travel	\$500.00					\$500.00
Consumable Supplies	\$500.00					\$500.00
Printing	\$1,000.00				\$29.03	\$970.97
Communications Phone /Internet	\$500.00				\$44.03	\$455.97
Postage	\$1,000.00				\$10.84	\$989.16
Sponsorships/other	\$2,650.00					\$2,650.00
Local Match		\$131,948.47				
Interest Income		\$2,027.13				
Budget Total	\$ 17,250.00				\$2,664.06	\$14,585.94
Actual Cash Available		\$133,975.60				\$131,311.54

**Balance Of Funds in Acct. \$131,311.54

8/27/2019

ITEM 7. F.

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

- North Alamo Water Supply Corporation Drought Contingency & Water Conservation Plan (2/2010)
- 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)
- McAllen Public Utility Water Conservation & Drought Contingency Plan (12/12/2013)
- 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)
- 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)

ITEM 8. G.

NOTICES OF APPLICATIONS FOR FUNDING AND GRANTS

Report on Notices of Applications for Funding & Grants Received

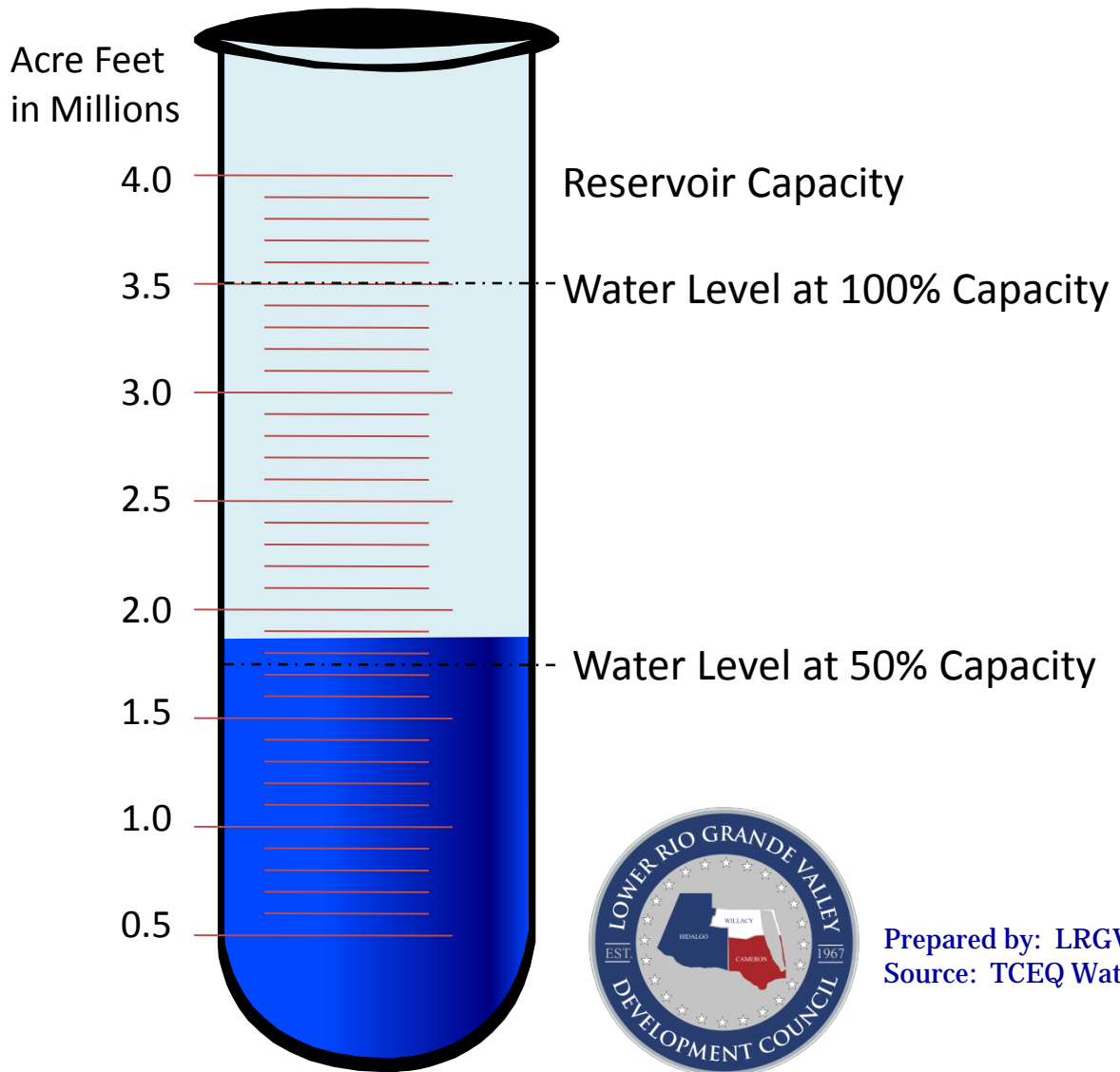
- City of Laredo – TWDB grant for Regional Water and Wastewaters Facility Planning (2/14/2014)
- City of La Joya – Treatment Plant Expansion (2/20/2014)
- City of Edinburg – West Water Treatment Plan Expansion (2/24/2014)
- Port Mansfield Public Utility District – Elevated Storage Tank Rehab (7/7/2014)
- Port Mansfield Public Utilities District – Ground Water Storage System Replacement (9/18/2014)
- 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)
- City of San Juan – CWSRF Program \$,250,000 (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)

ITEM 8.C.

TCEQ

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

8/24/2019, 55.28% of Capacity or 1,875,172 AF
up from 1,514,406 AF of Normal Conservation a year ago



**NOTE: Mexico Ownership/Reservoir Capacity for August 24, 2019:
15.44% (390,762) A.F.**

Rio Grande Watermaster Report

08/24/19

Amistad

Normal Conservation Elevation	340.462	Meters	1,117.00 Feet	
Water Elevation	330.865	Meters	1,085.51 Feet	-31.49
Total Normal Conservation Capacity	4,040,325	TCM	3,275,532 Acre-Feet	
Total Combined Storage	2,041,000	TCM	1,654,659 Acre-Feet	50.52%
US Share of Current Storage	1,784,000	TCM	1,446,307 Acre-Feet	87.41%
Mexico share of Current Storage	257,000	TCM	208,352 Acre-Feet	12.59%
TOTAL RELEASES AVG	53.20	CMS	1,879 CFS	
US Release AVG	50.00	CMS	1,766 CFS	93.98%
Mexico Release AVG	3.20	CMS	113 CFS	6.02%
TOTAL INFLOWS AVG	33.10	CMS	1,169 CFS	
US Inflows AVG	25.60	CMS	904 CFS	
Mexico Inflows AVG	7.50	CMS	265 CFS	
US Reservoir Loss	16.90	CMS	597 CFS	

Falcon

Normal Conservation Elevation	91.805	Meters	301.20 Feet	
Water Elevation	80.860	Meters	265.29 Feet	-35.91
Total Normal Conservation Capacity	3,264,813	TCM	2,646,817 Acre-Feet	
Total Combined Storage	754,000	TCM	611,275 Acre-Feet	23.09%
US Share of Current Storage	529,000	TCM	428,866 Acre-Feet	70.16%
Mexico share of Current Storage	225,000	TCM	182,410 Acre-Feet	29.84%
Total Releases AVG	73.50	CMS	2,596 CFS	
US Release AVG	63.40	CMS	2,239 CFS	86.26%
Mexico Release AVG	10.10	CMS	357 CFS	13.74%
TOTAL INFLOWS AVG	57.70	CMS	2,038 CFS	
US Inflows AVG	51.90	CMS	1,833 CFS	
Mexico Inflows AVG	5.80	CMS	205 CFS	
US Reservoir Loss	9.27	CMS	327 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	1,784,000	TCM	1,446,307 Acre-Feet	78.57%
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	529,000	TCM	428,866 Acre-Feet	27.65%
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	2,530,466 Acre-Feet	42.73%
Current Storage US	2,313,000	TCM	1,875,172 Acre-Feet	55.28%
Current Storage Mexico	482,000	TCM	390,762 Acre-Feet	15.44%
Current Storage - Amistad - Falcon System	2,795,000	TCM	2,265,934 Acre-Feet	
Percent of Storage Capacity	38.26%		38.26%	