

AGENDA

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

9:30 A.M. WEDNESDAY, JUNE 7, 2023

LRGVDC MAIN CAMPUS
INITIATED AND CHAIRED VIA GoToMeeting & IN PERSON AT
301 W. RAILROAD ST., WESLACO, TEXAS

Virtual access is available at: <https://meet.goto.com/491228845>

PRESIDING: JIM DARLING, CHAIR

-
1. Call to Order & Roll Call.....Chairman
 2. Consideration and **ACTION** to Approve March 1, 2023, Meeting MinutesChairman
 3. Public CommentChairman
 4. Consideration and **ACTION** to Solicit Nomination in Municipal CategoryChairman
 5. Status Reports

ACTION MAY BE TAKEN ON ANY OF THE FOLLOWING ITEMS

- A. Status on Current TWDB Contract Activities Jaime Burke
Black & Veatch
 1. Schedule and Progress Update
 2. Update and Discussion on Draft Population and Municipal Demand Projections from TWDB and WUG Feedback
 3. Presentation and Initial Discussion of Task 4B – Identification of Infeasible WMS from 2021 Plan

4. Initial Discussion of Anticipated Groundwater/Surface Water Modeling Subcommittee Activities and Request for Volunteers

B. Financial Report.....Chairman

1. Consideration and **ACTION** to Accept Expenditure Report

C. Status of Joint Groundwater Area Planning in GMA’s 13 & 16..... Armando Vela, GMA 16
Debbie Farmer, GMA 13

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 RegionChairman

F. Report on Notices of Applications for Funding and GrantsChairman

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

6. Reports from Federal and State Agencies

ACTION MAY BE TAKEN ON ANY OF THE FOLLOWING ITEMS

A. TWDB..... Kevin Smith
Regional Water Planning

- 1. Reminder of Upcoming Critical Deadlines
- 2. Revisions to Plumbing Code Savings Projections
- 3. Interregional Planning Council
- 4. Additional IPC Resource Materials Available (Provided 4/5/2023)

B. IBWC..... Dr. Maria-Elena Giner
Commissioner

C. TCEQ Watermaster Georgina Bermea
Rio Grande Watermaster

1. Status of Reservoirs

7. Consideration and **ACTION** to Schedule Next Business Meeting on August 2, 2023Chairman

8. 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 during 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

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

9:30 AM WEDNESDAY, MARCH 1, 2023

LRGVDC MAIN CAMPUS
VIA GOTOMEETING VIDEO CONFERENCE & IN PERSON
INITIATED AND CHAIRED AT 301 W. RAILROAD STREET, WESLACO, TX
PRESIDING: JIM DARLING, CHAIRMAN

- DRAFT -

1. Call to Order and Roll Call

Chairman Jim Darling called the meeting to order at 9:37 am and confirmed that a quorum of the voting membership was present. Chairman Darling next announced that as of January 2023, Mr. John Bruciak has retired from Brownsville PUB; as such, he can no longer represent Municipalities on the Region M voting membership. The Group has two (2) other voting members representing Municipalities, therefore all required member categories continue to be well represented, and he recommends not to seek nominations to replace him.

The following voting members were in attendance:

Board Members

Jim Darling, Chairman
Don McGhee, Secretary
Nick Benavides, Executive Committee
Glenn Jarvis
Tomas Rodriguez
Carlos Garza
Jaime Flores
Armando Vela
Dale Murden
Jorge Flores
Commissioner David Fuentes
Debbie Farmer
Steven Sanchez

Category

River Authorities
Industries
Small Business
Other
Public
Small Business
Environmental
Groundwater Management Areas
Agriculture
Municipalities
Counties
Groundwater Management Areas
Water Utilities

The following voting members were not in attendance:

Sonny Hinojosa, Vice Chairman
Frank Schuster, Executive Committee
Judge Joe Rathmell
Riazul Mia
Dr. Neal Wilkins
Tom McLemore
Robert Latham

Water Districts
Other
Counties
Municipalities
Agriculture
Water Districts
Electric Generating Utilities

2. Consideration and Action to Approve September 29, 2022, Meeting Minutes

Commissioner David Fuentes made a motion to approve the minutes of the September 29, 2022, meeting as presented. Mr. Dale Murden seconded the motion, and upon a vote the motion carried unanimously.

3. Hear Public Comment

Chairman Darling announced that Mr. Rick Carrera, former LRGVDC Director of Community & Economic Development, the program under which Region M is administered, is now the Director of LRGVDC's Valley Metro. Ms. Sarah Dierlam, LRGVDC Assistant Executive Director will lead the C&ED Department until a new director is hired.

Mr. Kevin Smith, TWDB Project Manager was recognized and announced that he has been permanently assigned to Region M, and he is looking forward to working with the Group. In addition to Region M, he is also the Project Manager for Region N (Coastal Bend), Region C (North Central Texas), and Region B (Wichita Falls).

Commissioner David Fuentes was recognized and on behalf of Hidalgo County Drainage District #1, he thanked the Group for their support and leadership to amend the 2021 Rio Grande Regional Water Plan to include the Delta Reclamation Project so they can apply for funding through the TWDB to bring this much needed project to fruition.

4. Annual Election of Officers

Chairman Darling informed the Board that the current officers have been contacted and all have stated that they are willing to serve for the 2023 term. The current officers are:

- Mr. Jim Darling, Chair
- Mr. Sonny Hinojosa, Vice Chair
- Mr. Don McGhee, Secretary
- Mr. Frank Schuster, Member-at-Large
- Mr. Nick Benavides, Member-at-Large

There were no nominations from the floor and the current ***slate of officers was reelected by acclamation.***

5. Status Reports

Ms. Jaime Burke, Black & Veatch Water Planning Leader was recognized to address the following:

A. Status on Current TWDB Contract Activities

1. Schedule and Progress Update

Ms. Burke presented the Conceptual/Initial Schedule for Region M Plan Development and noted that there have been no changes to the schedule since the last meeting, and pointed out that the first major deliverable is the Technical Memorandum that is due on March 4, 2024.

She next summarized updates on received Modeled Available Groundwater (MAG) data for this planning cycle for counties in Groundwater Management Area (GMA) 13 and GMA16.

2. Presentation and Consider Action on Recommendation from Population & Water Demand Subcommittee to Revise Draft Non-Municipal Demand Projections From TWDB

Ms. Burke stated that the Population & Water Demand (P&WD) Subcommittee has met twice, once on June 16, 2022, and again on January 12, 2023. They reviewed draft projections and supporting data for all non-municipal categories, asked questions, and provided direction for follow-up. During the January meeting the committee agreed on a

recommendation to present to the Group for consideration in requesting revisions to TWDB.

The P&WD recommends no revisions to the livestock, manufacturing, steam-electric, or mining water demand projections. For the Irrigation Demand from the 2021 Plan, the committee requested a revision to use the 2011 historical use for 2020 demand. During 2011 there was little rainfall with high demand and full reservoirs that provided minimal supply constraints. The committee requested a rate of change over the planning horizon that used a combination of sedimentation and historic rate at which irrigation water rights have been converted to municipal use which resulted in a decrease in each decade from 2020 out to 2070. **Commissioner David Fuentes made a motion to approve the recommendation from the Population and Water Demand Committee to make no changes to the demand projections for Livestock, Manufacturing, Steam-Electric or Mining and to use the demand projections for Irrigation from the 2021 Rio Grande Regional Water Plan and extend that all the way out to 2080. Mr. Steven Sanchez seconded the motion, and upon a vote the motion carried unanimously.**

3. Presentation and Initial Discussion of Draft Population and Municipal Demand Projections from TWDB

Ms. Burke informed the Group that TWDB provides Planning Groups with Draft Population and Municipal Water Demand Projections they develop from the State Demographer's Data. Groups are tasked with reviewing the draft projections and providing any requested revisions back to TWDB before August 11, 2023. Groups are to send the draft projections to the municipal Water User Groups (WUG) to get their feedback prior to the deadline.

Ms. Burke further explained that the population projections are based on county-level projections from the Texas Demographic Center (TDC) which used migration rates between the 2010 and 2020 Census to project future growth. The TWDB draft WUG - level populations and water demand projections using the TDC's full-migration scenario (1.0) projections and provided the half-migration scenario (0.5) projections by Region-County for the planning Groups' consideration. The higher of the total regional populations is the allowable cap on total population for the region.

For the 2026 Regional Water Plan (Plan), draft county population projections being provided to the RWPGs followed the trends, including population declines. As expected, the population projections of certain counties and WUGs are significantly different from those in the 2021 Plan. She explained that the 2021 Plan projections were based on the 2016 Plan projections, which relied on migration rates from 2000-2010 and the TDC's 2012 projections. The 2026 draft projections are tied to the 2020 U.S. Census. These projections include associated updates in the TDC cohort model to reflect updated birth and mortality rates.

The Groups will be able to choose if they believe the 0.5 migration scenario is more appropriate. If it is, the Group may want to request that TWDB revise the municipal WUG data using the 0.5 migration scenario before sending to WUGs for review; currently the 1.0 migration is being used.

There was discussion regarding how the Rio Grande Valley region is chronically undercounted in the census because of immigration issues in this region which results in unreliable census data. It was the consensus of the Group that population projections for all counties in Region M are too low. Upon conclusion of discussion, **Mr.**

Tomas Rodriguez made a motion to request TWDB to revise the municipal WUG data using the 0.5 migration scenario, for Black & Veatch to send the Population and Municipal Water Demand Projections using the 0.5 Migration Scenario to Water User Groups, Municipalities, and Counties for their review and comment, and send any appeals regarding population discrepancies to the TWDB for consideration. Mr. Dale Murden seconded, and upon a vote the motion carried unanimously. Ms. Burke's presentation is available for review on the Region M website at <http://www.riograndewaterplan.org/meetings>.

B. Financial Report

1. **Consideration and Action to Approve 2023 Budget**

Chairman Darling reported that the 2023 budget is similar to the 2022 budget. The only recommended change is an increase of \$100 to the Website Maintenance line item and a decrease of \$100 to the travel line item.

2. **Consideration and Action to Accept Expenditure Report**

Ms. Sarah Dierlam gave the Expenditure Report for the period of January 1, 2022, through December 31, 2022, and reported that from the local funds annual budget of \$26,043.00, there is a balance of \$13,229.59 remaining. The cash fund balance is \$88,947.52 which includes \$1,349.36 in interest income for 2022. **Mr. Tomas Rodriguez made a motion to approve item 5. B. 1 - 2023 Budget and to accept item 5 B 2 - Expenditure Report as presented. Mr. Dale Murden 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

Mr. Armando Vela, General Manager of the Red Sands Groundwater Conservation District was recognized and turned the floor over to Mr. Louie Pena, General Manager for Brush Country Groundwater Management District and GMA 16 member. Mr. Pena informed the Group that the Desired Future Conditions (DFC) for GMA 16 have been distributed for public comment. Brush Country, Duval, and Kenedy GCD's have adopted their DFCs after holding a public hearing. Their next meeting of GMA 16 is scheduled for March 28, 2023, in Falfurrias.

Ms. Debbie Farmer, Representative of GMA 13, and General Manager of Winter Garden GCD was recognized and informed the Group that the GMA 13 committee met on Friday, February 17, 2023, in Pleasanton. Dr. Bill Hutchison has been hired as the hydrogeological consultant for the 4th Round of Desired Future Conditions. The committee has agreed to have a website created. Their next meeting is scheduled for September 15, 2023.

D. 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**

No reports were available at this time.

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

The list of plans received was in the meeting packet for review and included two recently submitted plans from Jim Hogg County WCID 2 and Kenedy County Groundwater Conservation District.

F. Report on Notices of Applications for Funding and Grants

Mr. Kevin Smith, TWDB, informed the Group that Hidalgo County Drainage District #1 has submitted an application for the Delta Reclamation Project, and it is in the process of being scored.

G. Report on Regional Water Resource Advisory Committee (RWRAC)

Commissioner David Fuentes informed the Group that the RWRAC currently has industry specific vacancies they are hoping to fill. The Committee is working on their flood infrastructure project, and their next meeting is scheduled for March 7, 2023, at 2:00 pm.

7. Reports from Federal and State Agencies

A. TWDB

Mr. Kevin Smith was recognized and reported on the following items:

1. RP Contract Amendments

Mr. Smith stated that, as the Group is aware, the TWDB has a contract with the LRGVDC and planning grant funds are funneled through that contract. There was an amendment to that contract in October of 2022, because the TWDB receives funds from the legislature during legislative sessions. The first contract was for the Initial Scope, and the amendment was for the full contract amount and the full scope of work. Accordingly, the contract between Black & Veatch and the LRGVDC also requires amending. A copy of the contract amendment between Black & Veatch and the LRGVDC is included in the meeting packet for review. Chairman Darling noted that the amendment increases the funds by \$288,819.00 bringing the total committed funds amount to \$438,267.00. The total project cost is not to exceed \$794,251.00. Mr. Smith noted that board approval is not required by the TWDB, but for full transparency the contract amendment and attachments are presented for approval by the Group. ***Commissioner David Fuentes made a motion to approve the contract amendment as presented. Mr. Steven Sanchez seconded the motion and upon a vote, the motion carried unanimously.***

2. Interregional Planning Council

Mr. Smith reported that the first meeting of the Planning Council was held November 9, 2022, in Austin and the next meeting is scheduled for March 9, 2023; he provided a summary of discussions and actions from this meeting.

3. State Water Infrastructure Fund for Texas (SWIFT)

Mr. Smith informed the Group that the abridged applications period for SWIFT was opened until February 1, 2023.

4. New One Pager

Mr. Smith informed the Group that one-page information sheets on water supply and flood mitigation strategies, drought of record and consistency waivers are now available on the TWDB website for review.

5. New Educational Material

Mr. Smith informed the Group that an RWPG Member Guide and Administrative Guidance for RWPG sponsors are now available on their website.

6. Legislative Priorities Report

Mr. Smith stated that for every legislative session the TWDB submits a report to the governor and members of the legislature that includes a statement of the Board's activities and recommendations for necessary desirable legislation. He informed the Group that the list of TWDB recommendations is available for review at:

<https://www.twdb.texas.gov/publications/reports/administrative/doc/88thLegislativePrioritiesReport.pdf>.

B. IBWC

No representative from the IBWC was available to provide a report, however, Chairman Darling informed the Group that he had a conversation with Commissioner Giner recently regarding the Mexican debt, the Amistad Dam repairs, and took all that information to Austin during RGV Day at the Capitol.

C. TCEQ Watermaster

Ms. Georgina Burmea, Rio Grande Watermaster, was recognized and provided the February 18, 2023, reservoir report which was included in the meeting packet. She also announced that they are now fully staffed with the recent addition of Mr. Daniel Guerra, their new Assistant Watermaster.

8. Consideration and Action to Schedule Next Business Meeting

It was the consensus of the Group to schedule the next meeting for Wednesday, June 7, 2023, at 9:30 am.

9. Adjourn

There being no further business to come before the Group, Chairman Darling adjourned the meeting at 11:15 a.m.

Mr. Jim Darling, Chair

ITEM 3.

**PUBLIC
COMMENT**

Rio Grande Regional Water Planning Group (Region M)

Public Comment Request Form

Meeting Date: _____

Name: _____

Title: _____

Organization/Affiliation: _____

Phone#: _____

Email Address: _____

Would you like to speak at today's meeting?

YES

NO

Would you like to be added to our meeting notification list?

YES

NO

Public Comment Policy: "At the beginning of each Lower Rio Grande Valley Development Council (LRGVDC) Board of Directors meeting, the LRGVDC Board 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 LRGVDC Board 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 LRGVDC, as outlined in the Regional Planning Act of 1965 (Chapter 391, Local Governmental Code). For issues or topics that are not otherwise part of the posted agenda for the meeting, LRGVDC Board Members may direct staff to investigate the issue or topic further. No action shall be taken on issues or topics that 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; the same time limitation (3 minutes) applies".

Please email the form a day before the meeting to dmorales@lrgvdc.org.

MATHEWS & FREELAND, L.L.P.

ATTORNEYS AT LAW

JIM MATHEWS
JOE FREELAND
BEN MATHEWS

Westpark IV, Suite 240
8140 North Mopac Expressway
AUSTIN, TEXAS 78759
(512) 404-7800

MARK WALKER
OF COUNSEL

Via email: jemd1225@yahoo.com, info@lrgvdc.org

Jim Darling, Chairman
Region M Water Planning Group
c/o LRGVDC
301 Railroad
Weslaco, TX 78596

Re: Legacy Water Supply Corporation/Legacy Water Control and Improvement District
Brackish Desalination Project

Chairman Darling:

I represent the Legacy Water Control and Improvement District in Webb County. LWCID and its wholesale water supplier Legacy Water Supply Corporation (collectively, the Legacy Entities). The Legacy Entities are developing a significant water supply project in Webb County (the "Legacy Project") to serve new development, numerous existing communities lacking safe and sufficient drinking water ("colonias"), and potentially the City of Laredo. This letter serves to provide Region M with notice that the Legacy Entities intend to apply for state financial assistance with regard to the Legacy Project and that they will be seeking Region M's support for the purpose making the Legacy Project eligible for state funding assistance.

The Legacy Project is a brackish desalination project using groundwater from the Carrizo Wilcox aquifer. The details of the number of wells and the size of the treatment plant are still being worked out. The project will initially serve residential and commercial development north of Laredo along the primary transportation corridors, as well as a number of colonias located adjacent to the project. The Legacy Entities also intend to make potable water available to Laredo to meet the city's expanding population and increasingly less than reliable surface water supplies. The project is needed to address real and immediate water needs in Webb County and the Legacy Entities will work diligently to get the project included in the next update of the Region M Water Plan. The needs in Webb County, however, are urgent, and the Legacy Entities will be working on finding other ways to make the project eligible for state funding assistance in the interim.

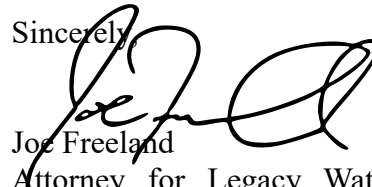
Given the timing of the start-up of this project neither the Legacy Entities, nor the project developer were able to participate in the 2021 Region M Water Plan. As a result, the Legacy Project is not part of the Region M Plan. Also, because there is no groundwater conservation district in Webb County (or the other Region M counties located in GMA 13), the county (and Region M) had no representation on Groundwater Management Area 13 (GMA 13) regarding the modeling decisions that led to TWDB's determination of modeled available groundwater (MAG) for the

aquifers in Webb County. As a result, the Region M counties located in GMA 13 (Maverick, Webb, and Zapata) were allocated only 1,459 acre-feet of MAG in the Carrizo compared to the 468,824 acre-feet allocated to the other counties in GMA 13.

The Legacy Entities are currently studying how to overcome the regulatory barriers to state funding assistance resulting from the inability to participate in the prior planning process. They plan on working with Region M to have the project included in the next round of planning. In the interim, they currently anticipate seeking a consistency waiver and, if possible, an amendment to the Region M plan for some or all of the project. Region M's support will be necessary for these approaches. The Legacy Entities are confident that they can make a convincing case for these requests, and once the necessary technical details are complete, they will make the appropriate requests to be included on a future agenda. The Legacy Entities look forward to getting Region M's support on the project and help on making the project eligible for state financial assistance, and on working together for inclusion of the project in future regional plans.

The Legacy Entities appreciate the efforts made by Region M to address critical water supply needs along the Rio Grande and look forward to working with Region M in addressing water needs in Webb County. If you have any further questions regarding the project, please feel free to contact Tom Wendorf, P.E., Project Manager (tgwendorf@wbpconsult.com), Jordan Furnans, Project Consultant (jordan.furnans@lrewater.com), or David Earl (David@earl-law.com).

Sincerely,



Joe Freeland

Attorney for Legacy Water Control and Improvement District

ITEM 4.

**SOLICIT
NOMINATION
IN MUNICIPAL
CATEGORY**



*Jim Darling, *Chairman*
Rio Grande Regional Water Authority

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

*Donald K. McGhee, *Secretary*
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

Tomas Rodriguez
Public, Laredo

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

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

Debbie Farmer
Wintergarden GCD, GMA 13

Robert Latham
Magic Valley Generating Station

Steven Sanchez
North Alamo Water Supply Corp

***Executive Committee**

To: RGRWPG Voting Membership

From: LRGVDC Staff

Date: June 7, 2023

Subject: Item 4 – Solicit Nomination in Municipal Category

Attached below is the letter from Mr. Riazul Mia announcing his retirement from the City of Laredo and his resignation from the Region M Group effective on April 28, 2023.

Mr. Mia represented Municipalities on the Region M Group and his resignation leaves one other representative in the Municipalities category, Mr. Jorge Flores with the City of Eagle Pass Waterworks System.

Should the Group take action to solicit nominees to replace Mr. Mia here is the selection process according to the bylaws:

Section 4. Selection of Members

No later than ninety days prior to the expiration of a voting member's term, or within forty-five calendar days of the removal of a voting member, the RGRWPG shall post public notice in a newspaper of general circulation in each county located in whole or in part in the RGRWPG soliciting nominations for a successor, identifying the particular interest for which nominations are sought, stating the conditions of membership, delineating the method for submitting nominations, and establishing a deadline for submission of nominations between thirty and forty-five calendar days from the date that public notice was posted. Members of the RGRWPG may also submit nominations in the manner prescribed in the public notice.

The Executive Committee shall receive and process the nominations and, no sooner than ten calendar days after the deadline for submitting nominations, shall recommend a nominee to the voting membership as a whole, giving strong consideration to a consensus nominee from those individuals and entities that collectively represent that interest. The Executive Committee shall not be bound by the nominations received and may consider any person who meets the conditions of membership as a nominee. The voting membership as a whole shall not be bound by the recommendation of the Executive Committee and may consider any person who meets the conditions of membership as a nominee.

The voting members shall attempt to make a decision for a successor by consensus of at least two-thirds of the voting members. If efforts to reach consensus fail, the Chair shall call for a vote on a nominee. An affirmative vote of two-thirds of the total membership of the RGRWPG shall be required to appoint a nominee as a new member. If voting fails to select a new voting member, the voting members shall consider other nominations until a new member can be selected by consensus of affirmative vote of two-thirds of the voting membership.

Stewards of water resources from Amistad to the Gulf

RIAZUL I. MIA, P.E., C.F.M., MPA

8608 St. John Loop, Laredo, TX 78045

Phone: (956) 763-1347; E-mail: riazul@sbcglobal.net

April 3, 2023

Mr. Jim Darling
Chairman
Region-M Water Planning Group
Texas water Development Board
301 W. Railroad
Weslaco, Texas 78596

Dear Mr. Darling,

After 27 year of service to City of Laredo, I am retiring from City of Laredo. My last day of work will be April 28th, 2023. I am also, submitting my resignation letter to resign from the region-M Board. Thank you Mr. Chairman and the committee members to give me the opportunity to serve the Region-M.

I wish you all the best and pray for regions success. I am only a phone call away, if you need any information. Please do not hesitate to call me at (956)763-1347 or via mail at riazul@sbcglobal.net.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Riazul Mia', with a long horizontal flourish extending to the right.

Riazul Mia

ITEM 5. A.

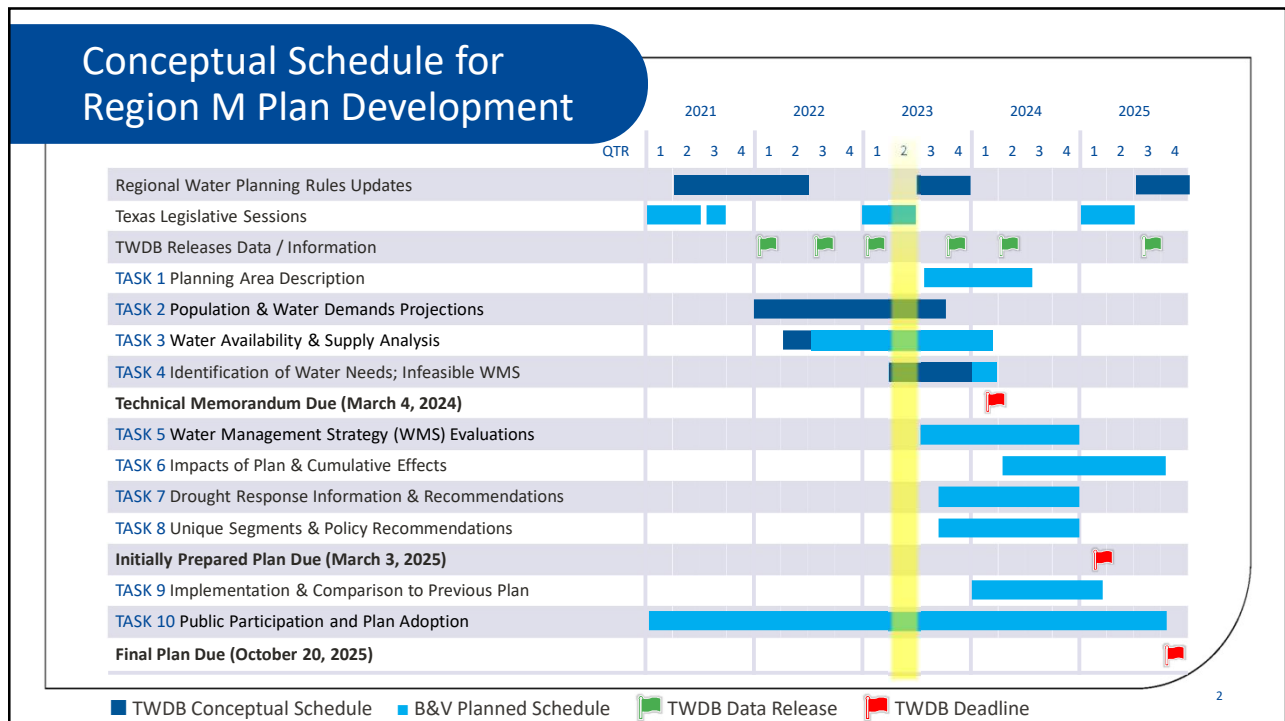
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BLACK & VEATCH 6/7/2023

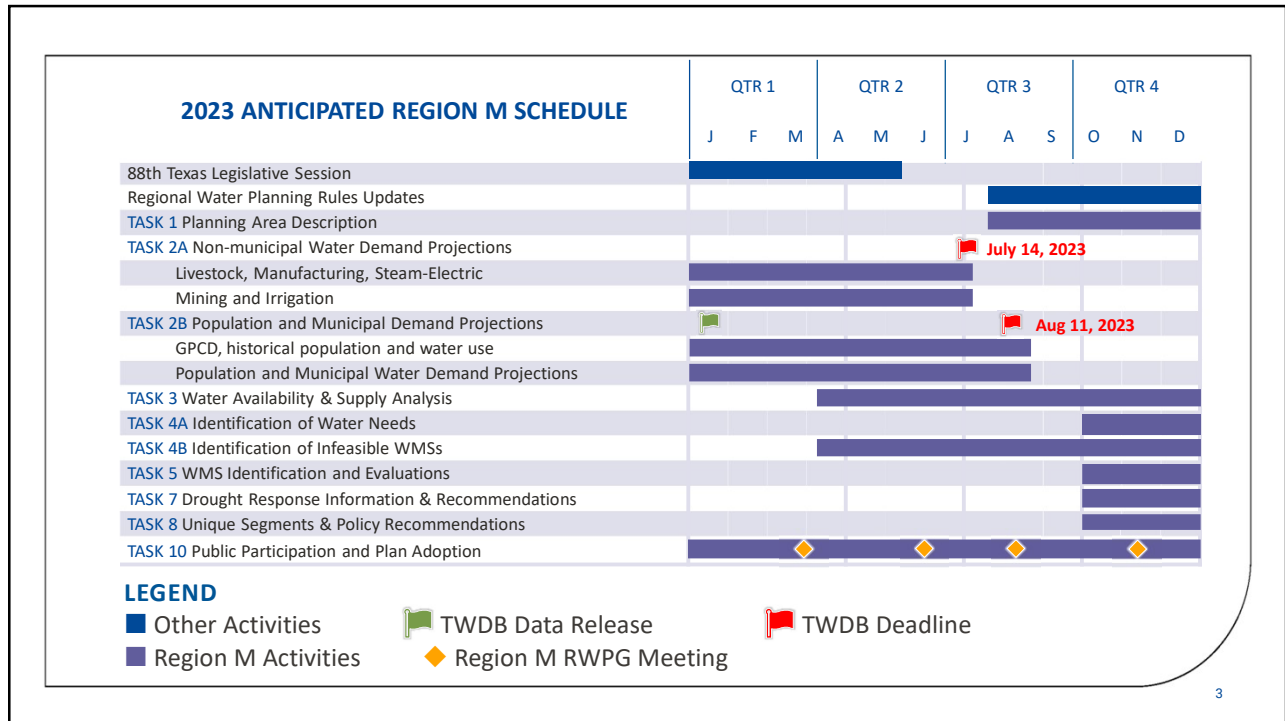
Agenda Item 5.a.1: Schedule and Progress Updates

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1



2



3



Texas Water Development Board (TWDB)

2026 DRAFT Population and Municipal Demand Projections with Revised Plumbing Code Savings



<https://www.twdb.texas.gov/waterplanning/data/projections/2027/municipal.asp>

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4

4

Progress Since Last Meeting

- Submitted Non-Municipal Demand Revision Request to TWDB
- Held webinar for Stakeholders to introduce Regional Water Planning and how to provide input during the process.
- Surveyed 63 WUGs to provide feedback for population and water demands data.
 - Used 0.5 migration scenario population numbers, per direction from the RWPG
 - Received 13 responses from unique WUGs
 - 5 respondents requested to revise their projections
 - Sent update with revised plumbing code savings and municipal demands
- Worked with WUGs to get their revision details
- Beginning review of 2021 Plan WMS to determine if any may be infeasible
 - Will reach out to WUGs/Project Sponsors with questions

5

5

Agenda Item 5.a.2: Update and Discussion on Draft Population and Municipal Demand Projections from TWDB and WUG Feedback

6

6

Draft Population and Municipal Water Demand Projections



TWDB provides the RWPGs with Draft Population and Municipal Water Demand Projections they develop from the State Demographer's Data.



The RWPGs are tasked with reviewing the draft projections and providing any requested revisions back to TWDB before August 11, 2023.



The RWPGs will send draft projections to the utilities (municipal WUGs) to obtain feedback prior to the deadline.

*TWDB requires specific documentation to support a change.
Regional county population totals are generally not allowed to change.*

7

7

Draft Population and Municipal Water Demand Projections



TWDB provides the RWPGs with Draft Population and Municipal Water Demand Projections they develop from the State Demographer's Data.

The draft projections include:

- WUG and county-level population projections based on the Texas Demographic Center (TDC) full (1.0) migration scenario and the half (0.5) migration scenario;
- Baseline Gallons Per Capita Per Day (GPCD);
- Plumbing code savings projections; and
- Municipal demand projections.



<https://www.twdb.texas.gov/waterplanning/data/projections/2027/municipal.asp>

8

8

Plumbing Code Savings Update

- Projected plumbing code savings for each WUG assume passive water efficiency savings due to plumbing code laws related to:
 - residential toilets
 - showerheads
 - clothes washers
 - commercial toilets
- Plumbing code savings (in GPCD) are subtracted from the Baseline GPCD to develop the decadal GPCD for 2030-2080.
- The decadal GPCD is multiplied by the population to calculate the water demand.
- TWDB staff discovered an adjustment was needed to the original calculation in April 2023; WUGs received revised GPCD/demand projections in May 2023.

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Plumbing Code Savings Update

Plumbing Code Savings have been revised, resulting in higher demands (ac-ft/yr)

- **Region M Average PC Savings by Decade (GPCD)**

	ORIGINAL PC Savings 2030	ORIGINAL PC Savings 2040	ORIGINAL PC Savings 2050	ORIGINAL PC Savings 2060	ORIGINAL PC Savings 2070	ORIGINAL PC Savings 2080
Original	12.17	16.42	17.53	17.81	17.89	17.96
	REVISED PC Savings 2030	REVISED PC Savings 2040	REVISED PC Savings 2050	REVISED PC Savings 2060	REVISED PC Savings 2070	REVISED PC Savings 2080
Revised	4.39	4.99	4.99	4.99	4.99	4.99

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Draft Population and Municipal Water Demand Projections



Some key points on these projections include:

- 2026 draft projections are derived from the **2020 U.S. Census**.
- Texas Demographic Center (TDC) developed **county-level projections** using **migration rates between the 2010 and 2020 Census** to project future growth.
- For the 2026 Regional Water Plans (RWPs), draft county population projections **followed the trends**, without adjustment, as projected by the TDC, **including population declines**.

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Revision Process

- Sent surveys to municipal WUGs on March 27, 2023, a follow-up on April 21, 2023, and a second follow-up with revised plumbing savings on May 22, 2023.
- Following up with WUGs that indicated they want to make changes.
- Meeting with TWDB staff to discuss requests.
- Need to approve revisions for submittal to TWDB at early August RWPG meeting.

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WUG Requested Revisions

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WUG Coordination

<p>WUG requested revisions (5)</p> <ul style="list-style-type: none"> • East Rio Hondo WSC (Cameron) • Laredo (Webb) • McAllen (Hidalgo) • Primera (Cameron) • Webb County Water Utility (Webb) 	<p>WUG indicated TWDB-provided projections appear reasonable (8)</p> <ul style="list-style-type: none"> • Elsa (Hidalgo) • Los Fresnos (Cameron) • Olmito WSC (Cameron) • Port Mansfield PUD (Willacy) • San Juan (Hidalgo) • Sharyland WSC (Hidalgo) • Union WSC (Starr) • Zapata County Waterworks (Zapata)
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Region M County Populations (0.5 Migration Scenario)

Region	County	0.5 migration scenario					
		2030	2040	2050	2060	2070	2080
M	CAMERON	433,804	445,013	449,091	447,915	446,726	445,524
M	HIDALGO	932,285	995,377	1,036,526	1,058,241	1,080,194	1,102,388
M	JIM HOGG	4,676	4,622	4,508	4,391	4,273	4,154
M	MAVERICK	62,424	66,814	70,294	72,996	75,728	78,490
M	STARR	70,499	75,394	79,002	81,275	83,573	85,896
M	WEBB	279,673	290,779	294,162	291,218	288,242	285,233
M	WILLACY	19,933	19,647	19,083	18,366	17,641	16,908
M	ZAPATA	14,075	14,288	14,295	14,158	14,019	13,878
Region M Total		1,817,369	1,911,934	1,966,961	1,988,560	2,010,396	2,032,471

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Cameron County

CAMERON COUNTY POPULATION	2030	2040	2050	2060	2070	2080
0.5 migration scenario	433,804	445,013	449,091	447,915	446,726	445,524

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- Brownsville
- Combes
- County-Other, Cameron
- East Rio Hondo WSC
- El Jardin WSC
- Harlingen
- La Feria
- Laguna Madre Water District
- ✓ Los Fresnos
- Military Highway WSC*
- North Alamo WSC*
- ✓ Olmito WSC
- Palm Valley
- Primera
- Rio Hondo
- San Benito
- Santa Rosa
- Valley MUD 2

* WUG split between other counties

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Cameron County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	433,804	445,013	449,091	447,915	446,726	445,524
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Brownsville	191,689	196,629	198,396	197,812	197,213	196,600
Combes	3,041	3,120	3,146	3,135	3,124	3,111
County-Other, Cameron	12,017	12,326	12,440	12,401	12,367	12,329
East Rio Hondo WSC	28,223	35,084	43,613	51,876	60,204	69,869
El Jardin WSC	12,677	13,004	13,122	13,085	13,048	13,009
Harlingen	85,744	87,959	88,766	88,532	88,296	88,057
La Feria	6,210	6,369	6,425	6,403	6,379	6,353
Laguna Madre Water District	11,100	11,384	11,484	11,445	11,405	11,362
Los Fresnos	7,486	7,678	7,745	7,717	7,689	7,660
Military Highway WSC*	28,305	29,031	29,285	29,182	29,074	28,963
North Alamo WSC*	4,317	4,428	4,467	4,450	4,434	4,418
Olmito WSC	7,329	7,534	7,643	7,706	7,778	7,864
Palm Valley	1,308	1,341	1,353	1,349	1,342	1,337
Primera	6,782	8,749	11,286	14,559	18,781	24,228
Rio Hondo	1,711	1,755	1,770	1,764	1,758	1,751
San Benito	25,980	26,650	26,890	26,810	26,730	26,646
Santa Rosa	2,947	3,023	3,049	3,039	3,026	3,014
Valley MUD 2	3,079	3,159	3,186	3,175	3,163	3,151
Population with Revisions (0.5)	439,945	459,223	474,066	484,440	495,811	509,722

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East Rio Hondo WSC

Decrease
Increase

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	24,365	25,008	25,270	25,271	25,279	25,296
Demand (ac-ft/yr)	3,292	3,362	3,397	3,397	3,398	3,401
GPCD	120.6	120.0	120.0	120.0	120.0	120.0
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	28,223	35,084	43,613	51,876	60,204	69,869
Demand (ac-ft/yr)	3,813	4,716	5,862	6,973	8,092	9,392
GPCD	120.6	120.0	120.0	120.0	120.0	120.0

- Increase in population projection is based on historical growth and local economy - SpaceX.
- Historical growth has been 1.75%. Projecting future growth at 2.2% through 2050. Provided a spreadsheet showing historical and projected growth.
- End of March 2023....8,807 connections – population at 24,486 (higher than 2030 draft).
- CCN is 407 sq mi. Currently only serving 50 sq mi. Room for growth.
- Currently conducting a master facility plan but do not have the completed results.

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Primera

Decrease
Increase

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	4,499	4,615	4,654	4,639	4,621	4,603
Demand (ac-ft/yr)	378	385	388	387	386	384
GPCD	75.0	74.5	74.5	74.5	74.5	74.5
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	6,782	8,749	11,286	14,559	18,781	24,228
Demand (ac-ft/yr)	570	730	942	1,215	1,567	2,022
GPCD	75.0	74.5	74.5	74.5	74.5	74.5

- Census.gov lists 2020 population at 5,264, which is higher than the 2030 draft population.
- “According to the 2010 Census data the population was 4,070 and the 2020 Census data population was 5,257 the city grew in residents by 1,187 residents, which is a 29% increase.”
- Primera’s request projects that same level of growth out through 2080.
- No additional supporting documentation provided.

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Hidalgo County

HIDALGO COUNTY POPULATION	2030	2040	2050	2060	2070	2080
0.5 migration scenario	932,285	995,377	1,036,526	1,058,241	1,080,194	1,102,388

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision

- Agua SUD*
- Alamo
- County-Other, Hidalgo
- Donna
- Edcouch
- Edinburg
- ✓ Elsa
- Hidalgo
- Hidalgo County MUD 1
- La Joya

- La Villa
- McAllen
- Mercedes
- Military Highway WSC*
- Mission
- North Alamo WSC*
- Pharr
- ✓ San Juan
- ✓ Sharyland WSC
- Weslaco

* WUG split between other counties

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Hidalgo County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	932,285	995,377	1,036,526	1,058,241	1,080,194	1,102,388
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Agua SUD*	65,987	70,846	73,984	75,406	76,841	78,289
Alamo	19,549	20,026	20,404	21,105	21,819	22,550
County-Other, Hidalgo	6,967	5,577	4,818	5,523	6,252	6,997
Donna	17,377	18,378	19,045	19,500	19,962	20,430
Edcouch	2,552	2,349	2,246	2,415	2,588	2,765
Edinburg	85,768	93,195	97,911	99,436	100,966	102,501
Elsa	4,659	4,231	4,010	4,334	4,669	5,013
Hidalgo	12,072	12,740	13,187	13,512	13,841	14,175
Hidalgo County MUD 1	5,256	5,449	5,590	5,759	5,931	6,107
La Joya	4,764	5,080	5,286	5,399	5,514	5,630
La Villa	2,092	2,491	2,731	2,704	2,676	2,646
McAllen	165,587	184,057	202,527	220,997	239,467	257,937
Mercedes	14,571	14,784	14,985	15,549	16,125	16,714
Military Highway WSC*	15,911	15,602	15,510	16,284	17,077	17,889
Mission	88,336	93,383	96,747	99,076	101,437	103,831
North Alamo WSC*	212,974	235,887	250,160	252,649	255,098	257,509
Pharr	85,215	91,086	94,908	96,862	98,836	100,833
San Juan	23,805	24,380	24,837	25,693	26,565	27,455
Sharyland WSC	88,944	97,326	102,604	103,989	105,371	106,749
Weslaco	32,414	33,279	33,948	35,089	36,253	37,441
Population with Revisions (0.5)	954,800	1,030,146	1,085,438	1,121,281	1,157,288	1,193,461

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McAllen

Decrease
Increase

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	143,072	149,288	153,615	157,957	162,373	166,864
Demand (ac-ft/yr)	33,072	34,398	35,395	36,395	37,413	38,448
GPCD	206.4	205.7	205.7	205.7	205.7	205.7
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	165,587	184,057	202,527	220,997	239,467	257,937
Demand (ac-ft/yr)	38,276	42,409	46,665	50,921	55,176	59,432
GPCD	206.4	205.7	205.7	205.7	205.7	205.7

- McAllen's historical reported 2020 population was 146,092 – higher than the draft 2030 population
 - Based on 58,437 connections and 2.5 persons per connection
- 2010-2019 annual growth averaged 1.2%. Projected annual growth is about 1.2% until 2030, and then growth rate begins dropping by 0.05%-0.1% each decade.
- 2021 Region M Plan population projections were significantly higher than either the draft 2026 projections or the requested projections.

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Webb County

WEBB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
0.5 migration scenario	279,673	290,779	294,162	291,218	288,242	285,233

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable
- WUG requested revision
- County-Other, Webb
 - Laredo
 - Mirando City WSC
 - Webb County

23

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Webb County Requested Population Changes

Decrease
Increase

TWDB COUNTY POPULATION	2030	2040	2050	2060	2070	2080
DRAFT Population (0.5)	279,673	290,779	294,162	291,218	288,242	285,233
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
County-Other, Webb	2,516	2,616	2,645	2,616	2,585	2,554
Laredo	267,373	277,989	281,208	278,353	275,465	272,541
Mirando City WSC	268	279	282	279	275	272
Webb County	12,854	18,014	22,764	27,537	32,310	37,094
Population with Revisions (0.5)	283,011	298,898	306,899	308,785	310,635	312,461

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Laredo

Decrease
Increase

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	267,373	277,989	281,208	278,353	275,465	272,541
Demand (ac-ft/yr)	36,440	37,687	38,124	37,737	37,345	36,949
GPCD	121.7	121.0	121.0	121.0	121.0	121.0
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	267,373	277,989	281,208	278,353	275,465	272,541
Demand (ac-ft/yr)	41,831	43,292	43,794	43,349	42,899	42,444
GPCD	139.7	139.0	139.0	139.0	139.0	139.0

- Laredo did not request any change to their population projections.
- Laredo requested to increase their Baseline GPCD to 144, which is their 2022 GPCD.
 - This higher GPCD is more conservative than the draft GPCD numbers.
 - This results in higher municipal demands.

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Webb County

Decrease
Increase

TWDB PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	9,516	9,895	10,027	9,970	9,917	9,866
Demand (ac-ft/yr)	1,098	1,136	1,151	1,145	1,139	1,133
GPCD	103.0	102.5	102.5	102.5	102.5	102.5
REQUESTED PROJECTIONS	2030	2040	2050	2060	2070	2080
Population	12,854	18,014	22,764	27,537	32,310	37,094
Demand (ac-ft/yr)	1,483	2,068	2,613	3,161	3,709	4,259
GPCD	103.0	102.5	102.5	102.5	102.5	102.5

- Webb County Water Utility is requesting an increase in population from 2030-2080.
- Currently developing a Water/WW Master Plan that looks at growth for the next 50 years.
- They are anticipating growth due to several large-scale improvement projects within the service area.
 - Large diameter water transmission line, International Bridge 4/5, TxDOT thoroughfare expansion, multiple planned residential developments.
- Requested projections are somewhat like the 2021 Region M Plan projections.

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Counties with no changes

- No response from WUG
- ✓ WUG indicated draft projections appear reasonable

0.5 MIGRATION SCENARIO POPULATION	2030	2040	2050	2060	2070	2080
Jim Hogg County	4,676	4,622	4,508	4,391	4,273	4,154
Maverick County	62,424	66,814	70,294	72,996	75,728	78,490
Starr County	70,499	75,394	79,002	81,275	83,573	85,896
Willacy County	19,933	19,647	19,083	18,366	17,641	16,908
Zapata County	14,075	14,288	14,295	14,158	14,019	13,878

Jim Hogg County

- County-Other, Jim Hogg
- Jim Hogg County WCID 2

Maverick County

- County-Other, Maverick
- Eagle Pass
- Maverick County

Starr County

- Agua SUD*
- County-Other, Starr
- El Sauz WSC
- El Tanque WSC
- La Grulla
- Rio Grande City
- Rio WSC
- Roma
- ✓ Union WSC

Willacy County

- County-Other, Willacy
- Lyford
- North Alamo WSC*
- ✓ Port Mansfield PUD
- Raymondville
- Sebastian MUD

Zapata County

- County-Other, Zapata
- Falcon Rural WSC
- Siesta Shores WCID
- ✓ Zapata County
- Zapata County San Ygnacio and Ramireño
- Zapata County WCID-Hwy 16 East

* WUG split between other counties

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Agenda Item 5.A.3: Presentation and Initial Discussion of Task 4B – Identification of Infeasible WMS from 2021 Plan

28

Task 4B – ID of Infeasible WMS in 2021 Plan

- Required by SB 1511, 85th Texas Legislature
- Analysis must be completed prior to **March 4, 2024** (Technical Memorandum due date)
- Planning groups to present results of analysis at same public meeting where RWPG also presents methodology for identifying potentially feasible WMSs in 2026 RWP
- Deliverable to TWDB: List of identified infeasible WMSs included in Technical Memorandum
- If infeasible WMSs identified, planning groups must amend 2021 plans to:
 - Remove infeasible WMS or WMSP,
 - Revise infeasible WMS or WMSP to make feasible, and/or
 - Incorporate new WMS or WMSP
- RWPG-adopted amendments due **June 4, 2024**



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Task 4B – ID of Infeasible WMS in 2021 Plan

- Review WMSs and WMSPs in the previous RWP; coordinate with project sponsors to determine implementation status and determine infeasibility
- Planning groups should review strategies & projects that **require a permit and/or involve construction** and that:
 - are shown to be online in 2020 or 2030
 - are related to new major reservoirs, seawater desalination, DPR, brackish groundwater, ASR, and out of state transfers
 - generally require significant resources and time to implement
- Analysis **not** required for strategies/projects that do not require a permit or involve construction
- Affirmative steps by the sponsor may include but not limited to:
 - spending money on the strategy or project,
 - voting to spend money on the strategy or project, or
 - applying for a federal or state permit for the strategy or project



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Task 4B – ID of Infeasible WMS in 2021 Plan

- TWDB has provided lists of water management strategies meeting certain criteria
 - WMS Projects with an online decade of 2020
 - WMS Projects related to new major reservoir in any planning decade after 2020
 - Recommended demand reduction WMS strategy supply with an online decade of 2020
 - Recommended new major reservoir and seawater desalination related WMS strategy supply online in any decade
- Review and reach out to project sponsors to determine implementation status
 - Bring results to RWPG



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6/7/2023

Agenda Item 5.A.4: Initial Discussion of Anticipated Groundwater/Surface Water Modeling Subcommittee Activities and Request for Volunteers

32

Groundwater/Surface Water Modeling Subcommittee

- Review Hydrologic Variance (for surface water modeling) submitted to TWDB last cycle and determine new/changed assumptions
- Discuss updated Rio Grande Water Availability Model and sedimentation methodology
- Review results of Surface Water Modeling
- Review Modeled Available Groundwater (MAG) volumes and provide input on non-MAG volumes for aquifers without a MAG.

- Identified volunteers:
Armando Vela, Sonny Hinojosa, Tomas Rodriguez....any others/changes?

ITEM 5. B. 1.

**EXPENDITURE
REPORT**

Period from 1/1/2023 to 5/31/2023

Region M 2023 Budget & Expenditure Report

Budget Item	Budget Amount	Revenues to date	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Total to Date	Available Balance
Salaries: (to include Salary & Fringe)	\$13,157.00		\$2,712.01				\$2,712.01	\$10,444.99
Website Maintenance	\$1,100.00		\$300.00				\$300.00	\$800.00
Travel	\$500.00						\$0.00	\$500.00
Consumable Supplies	\$200.00						\$0.00	\$200.00
Printing	\$500.00		\$39.62				\$39.62	\$460.38
Communications Phone /Internet	\$500.00						\$0.00	\$500.00
Postage	\$100.00						\$0.00	\$100.00
Sponsorships/other	\$2,650.00						\$0.00	\$2,650.00
Indirect Costs	\$3,943.00		\$672.04				\$672.04	\$3,270.96
Local Match		\$100,411.57						
Interest Income		\$1,349.36						
Budget Total	\$ 22,650.00		\$3,723.67	\$0.00	\$0.00		\$3,723.67	\$18,926.33
Actual Cash Available		\$101,760.93						\$98,037.26



ITEM 5. E.

WATER CONSERVATION AND DROUGHT CONTINGENCY PLANS

Water Conservation & Drought Contingency Plans Received

- Bruni Rural Water Supply Corporation Drought Contingency & Emergency Water Demand Management Plans (1/24/2011) (does not have one on hand, will look into it 9/27/2022)
- Olmito Water Supply Corporation - Water Conservation Plan & Drought Contingency Plan (3/11/2019)
- Hidalgo County Irrigation District #2 - Water Conservation Plans for Irrigation, and 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)
- Delta Lake ID Drought & Water Conservation Policy (4/15/2021)
- Zapata County Water Conservation & Drought Contingency Plan (4/22/2021)
- San Ygnacio MUD 2019 Water Conservation Plan (4/22/2021)
- Hidalgo County ID No. 16 2019 Water Conservation & Drought Contingency Plan (5/19/2021)
- United ID 2019 Water Conservation & Drought Contingency Plan (5/19/2021)
- City of San Juan 2016 Water Conservation Plan (7/14/2021)
- City of Roma 2019 Water Conservation & Drought Contingency Plan (7/21/2021)
- City of Raymondville 2020 Water Conservation & Drought Contingency Plan (7/22/2021)
- Union Water Supply Corporation 2017 Water Conservation Plan & Drought Contingency Plan (7/22/2021)
- Harlingen Waterworks System 2019 Drought Contingency & Emergency Water Management Plan (7/28/2021)
- City of Elsa Drought Contingency Plan (6/1/2022)
- Brush Country Groundwater Management Plan (9/23/2022)
- Cameron County Irrigation District #6 Water Conservation & Drought Contingency Plan (9/27/2022)
- Jim Hogg County WCID 2 2016 Drought Contingency Plan (10/3/2022)
- Kenedy County Groundwater Conservation District Amended Management Plan (2/3/2023)
- Eagle Pass Water Works System Water Conservation Plan and Drought Contingency Plan (4/5/2023)
- McAllen PUB Water Conservation and Drought Contingency Plan (4/28/2023)
- City of Primera Water Conservation Plan (5/18/2023)

ITEM 6. A.

TWDB

Region M TWDB Update June 7, 2023

1. Reminder of Upcoming Critical Deadlines

- **July 14** – Deadline to request revisions to draft non-municipal projections
- **August 11** – Deadline to request revisions to draft population and municipal demand projections
- TWDB staff will present all projections to the Board for adoption **Fall 2023**
- **Prior to Technical Memorandum**
 - Assess availability and supplies
 - Approve and submit hydrologic variance requests
 - Present process identifying potentially feasible strategies for 2026 plan
 - Identify infeasible strategies and project from 2021 plan
- **March 4, 2024** – Deadline to submit Technical Memorandum deliverable
- **June 5, 2024** – Deadline RWP amendments for infeasible WMSs

Region M TWDB Update June 7, 2023

2. Revisions to Plumbing Code Savings Projections

- Revised to adjust assumption regarding adoption of fixtures
- TWDB issued revised municipal demand projections May 5, 2023

3. Interregional Planning Council

- Previous meetings held November 9, 2022, March 9, 2023, and May 30, 2023. Next meeting August 15, 2023 and November 30, 2023.

4. Additional IPC Resource Materials Available (Provided 4/5/23)

- Status of 2021 RWPG policy recommendations
- Active RWPG committees
- Information on TCEQ membership
- Voting membership costs
- Liaison materials

Region M TWDB Update June 7, 2023

5. RWPG Additional Funding

- TWDB asked for an additional \$1.3 million per year for RWPGs as part of the agency's Legislative Appropriations Request.
- TWDB will be receiving additional funding for RWPGs.
- We anticipate, as always, allocating the additional funding to regions via a formula funding tool.
- Details on the increased funding amount and allocations will be provided later this summer.
- Any increase in funding will be included in the upcoming contract amendments to increase the contract committed funds.
- TWDB is anticipating issuing the contract amendments in Fall 2023.
- RWPGs will need to take action to authorize the fall contract amendments.

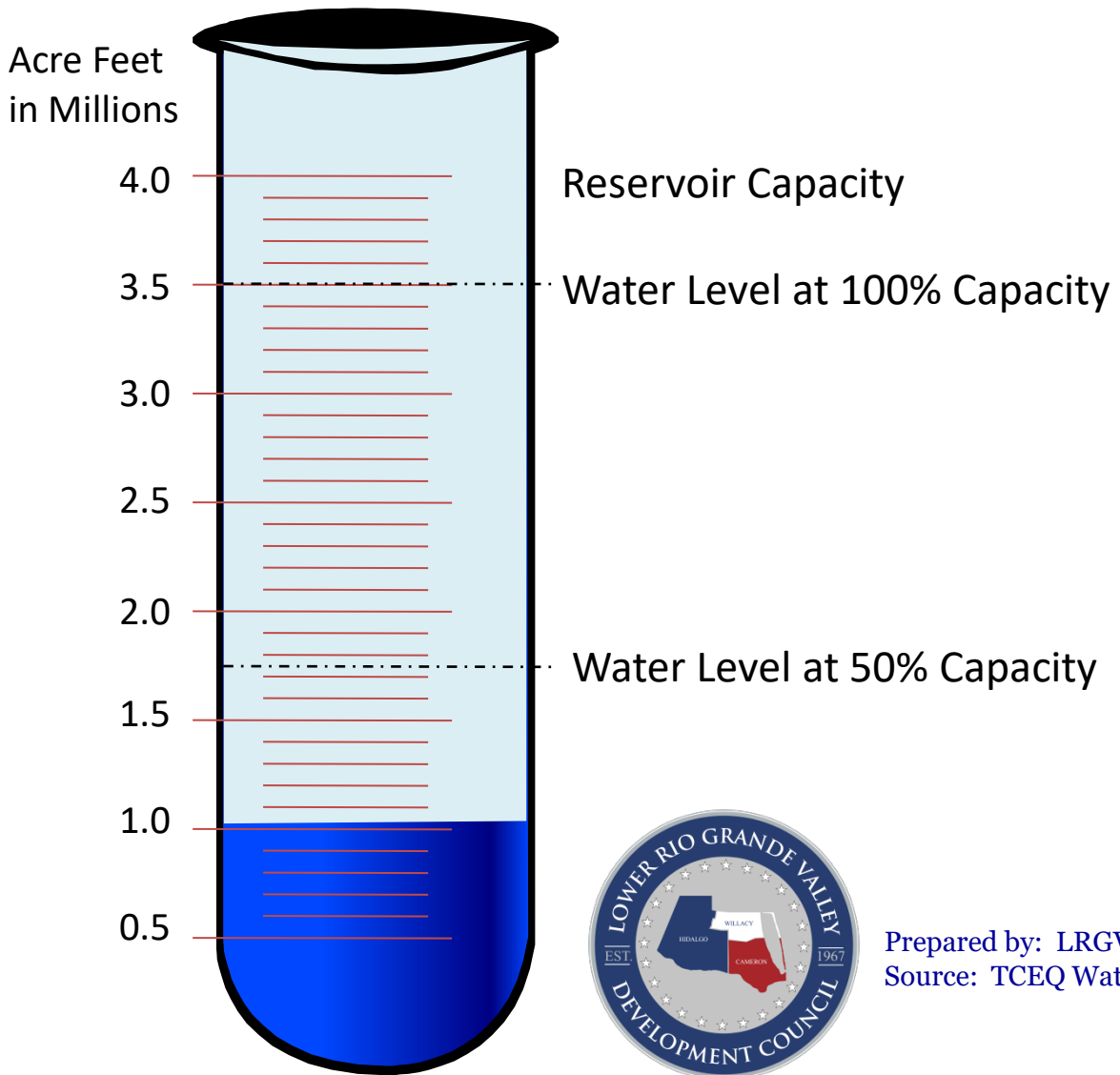
ITEM 6. C.

**REPORT FROM
TCEQ**

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

5/27/2023, 30.34% of Capacity or 1,028,986 AF

UP from 1,013,011 AF of Normal Conservation a year ago



Prepared by: LRGVDC
Source: TCEQ Watermaster

**NOTE: Mexico Ownership/Reservoir Capacity for
May 27, 2023: 25.77% (652,117) A.F.**

Rio Grande Watermaster Report

05/27/23

Amistad Reservoir

Normal Conservation Elevation	340.462 Meters	1,117.00 Feet	
Current Water Elevation	325.220 Meters	1,066.99 Feet	-50.01
Total Normal Conservation Capacity	4,040,325 TCM	3,275,532 Acre-Feet	
Current Total Combined Storage	1,294.706 MCM	1,049,631 Acre-Feet	32.04%
U.S. Share of Current Storage	850.497 MCM	689,506 Acre-Feet	65.69%
Mexico Share of Current Storage	444.209 MCM	360,125 Acre-Feet	34.31%
Total Releases (Average)	14.90 CMS	526 CFS	
U.S. Release (Average)	11.30 CMS	399 CFS	75.84%
Mexico Release (Average)	3.60 CMS	127 CFS	24.16%
Total Inflows (Average)	51.00 CMS	1,801 CFS	
U.S. Inflows (Average)	38.40 CMS	1,356 CFS	
Mexico Inflows (Average)	12.60 CMS	445 CFS	
Total Losses (Average)	6.99 CMS	247 CFS	
U.S. Reservoir Loss (Average)	4.53 CMS	160 CFS	
Mexico Reservoir Loss (Average)	2.46 CMS	87 CFS	

Falcon Reservoir

Normal Conservation Elevation	91.805 Meters	301.20 Feet	
Current Water Elevation	81.050 Meters	265.91 Feet	-35.29
Total Normal Conservation Capacity	3,264,813 TCM	2,646,817 Acre-Feet	
Current Total Combined Storage	778.912 MCM	631,472 Acre-Feet	23.86%
U.S. Share of Current Storage	418.743 MCM	339,479 Acre-Feet	53.76%
Mexico Share of Current Storage	360.169 MCM	291,993 Acre-Feet	46.24%
Total Releases (Average)	13.60 CMS	480 CFS	
U.S. Release (Average)	11.50 CMS	406 CFS	84.56%
Mexico Release (Average)	2.10 CMS	74 CFS	15.44%
Total Inflows (Average)	27.90 CMS	985 CFS	
U.S. Inflows (Average)	14.00 CMS	494 CFS	
Mexico Inflows (Average)	13.90 CMS	491 CFS	
Total Losses (Average)	9.58 CMS	338 CFS	
U.S. Reservoir Loss (Average)	5.17 CMS	183 CFS	
Mexico Reservoir Loss (Average)	4.41 CMS	156 CFS	

Overall Status

Amistad

Total Normal Conservation Capacity	4,040,325 TCM	3,275,532 Acre-Feet	
U.S. Share of Normal Conservation	2,270,663 TCM	1,840,849 Acre-Feet	
Current U.S. Share of Normal Conservation	850,497 TCM	689,506 Acre-Feet	37.46%
Mexico Share Normal Conservation	1,769,662 TCM	1,434,683 Acre-Feet	
Current Mexico Share of Normal Conservation	444,209 TCM	360,125 Acre-Feet	25.10%

Falcon

Total Normal Conservation Capacity	3,264,813 TCM	2,646,817 Acre-Feet	
U.S. Share of Normal Conservation	1,913,180 TCM	1,551,034 Acre-Feet	
Current U.S. Share of Normal Conservation	418,743 TCM	339,479 Acre-Feet	21.89%
Mexico Share of Normal Conservation	1,351,633 TCM	1,095,782 Acre-Feet	
Current Mexico Share of Normal Conservation	360,169 TCM	291,993 Acre-Feet	26.65%
Total Normal Capacity in Amistad/Falcon System	7,305,138 TCM	5,922,348 Acre-Feet	
Total Normal Conservation Capacity for the U.S.	4,183,843 TCM	3,391,883 Acre-Feet	57.27%
Total Normal Conservation Capacity for Mexico	3,121,295 TCM	2,530,465 Acre-Feet	42.73%
Current Combined Storage for the U.S.	1,269.240 MCM	1,028,986 Acre-Feet	30.34%
Current Combined Storage for Mexico	804.378 MCM	652,117 Acre-Feet	25.77%
Current Storage in the Amistad/Falcon System	2,073,618 TCM	1,681,103 Acre-Feet	
Percent of Storage Capacity			28.39%