

NOTICE OF OPEN MEETING

REGIONAL WATER PLANNING GROUP-NETRWPG

Wednesday, September 18, 2024 – 10:00 A.M.

**Region 8 Education Service Center
4845 US 271 N
Pittsburg, TX 75686**

In compliance with the Texas Open Meetings Act, Chapter 551, of the Texas Government Code, the Regional Water Planning Group D issues this public notice. On September 18, 2024, at 10:00 A.M., the North East Texas Regional Water Planning Group (NETRWPG) will meet in-person. The meeting will be held at the Region 8 Education Service Center, 4845 US 271 N, Pittsburg, TX 75686. The NETRWPG will consider and act on the following items:

1. Recognitions. Roll call.
2. Public Comment/participation.
3. Review and approval of minutes for May 29, 2024 meeting.
4. Appointment of successor for expiring voting member positions. Terms of each position are for 3 years, commencing on October 1, 2024. Selection process for positions will consider any additional nominations from voting members. Positions to be appointed include positions currently held by Brandon Blecher, Andy Endsley, Sharron Nabors, Joe Coats, Jim Thompson, Howdy Lisenbee, Richard Garza, and Billy Henson.
5. Discussion and Action as appropriate: Consider appointment of Liaison to Region C.
6. Reports from liaisons: TWDB Planner; GMA #8 & #11; Region C & I.
7. Discussion and Action as appropriate: Consider possible action in response to the letter from Region C, dated August 21, 2024, regarding interregional coordination.
8. Consideration and Action as appropriate on material from the Region D Technical Consultant regarding Draft Chapters 2, 3, 4, portions of Chapter 8, and the Region D Groundwater Availability Assessment for the 2026 Region D Plan.
9. Update from the Region D Technical Consultant on other regional planning efforts.
10. Financial report by Administrator. Approval of invoices of consultant.
11. Further public comment/participation.
12. Adjourn.

Additional information may be obtained from the Administrative Agency for NETRWPG: Riverbend Water Resources District, 228 Texas Avenue, Suite A, New Boston, Texas 75570; Office Telephone: (903) 831-0091; Office Fax: (903) 831-0096; E-mail: kyledooley@rwr.org; Website: <https://rwr.org/region-d/>; Attn: Kyle Dooley, P.E., Executive Director

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, September 18, 2024**

Agenda Item 3
May 29, 2024
Meeting Minutes

**Minutes of the North East Texas Regional Water Planning Group
May 29, 2024 – 10:00 A.M.**

The North East Texas Regional Water Planning Group (NETRWPG) – Region D met in an open meeting on Wednesday, May 29, 2024, at 10:00 A.M. The meeting was held at the Region 8 Education Service Center, 4845 US 271 N, Pittsburg, TX 75686. Notice of the meeting was legally posted.

Jim Thompson called the meeting to order at 10:01 A.M. and welcomed everyone. Introductions were made and a quorum was present. nineteen members of the planning group were present in person or represented by a designated alternate.

The following voting members were present:

David Aikin	Brandon Belcher	John Brooks	Joe Bumgarner
Greg Carter	Kevin Chumbley	Nicolas Fierro	Cindy Gwinn
Hattie Hackler	Billy Henson	Robert Hurst	Conrad King
Richard LeTourneau	Janet McCoy	Fred Milton	Sharron Nabors
Jim Thompson			

The following alternates were present:

Doug Skinner	Howdy Lisenbee
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The following voting members were absent:

Russell Acker	Joe Coats	Richard Garza	Andy Endsley
Cory Moose	Ned Muse	Harlton Taylor	

The public was provided with an opportunity for comment prior to any action being taken by the planning group. No comments were made.

Fred Milton made a motion to approve the minutes from the February 21, 2024 meeting. David Aikin seconded the motion. Motion carried, all voting aye.

Jim Thompson opened the discussion regarding the appointment of a successor for the unexpired term of the voting member position currently held by Cory Moose. Mr. Moose replaced Bob Tardiff at the meeting held in October 2023. Mr. Moose is no longer employed by the City of Lindale and has moved out of the area. Howdy Lisenbee and James Jordan were the only two nominees for the open position. The Executive Committee recommends to the board to accept the nomination of Howdy Lisenbee as the new board member. Mr. Lisenbee has been very interested in the ongoings of Region D and meets the open representative sectors. Mr. Thompson opened the floor for discussion, motions, or other nominations. Greg Carter made a motion to accept the recommendation of the Executive Committee to appoint Howdy Lisenbee as the successor to the board member position held by Cory Moose. Brandon Belcher seconded the motion. Motion carried, all voting aye, with one abstention.

Jim Thompson opened the discussion on board representation status for each board member. Kyle Dooley did not receive any contact regarding the areas of Region D that they represent. Therefore, this item will be tabled today but will remain open. No action taken.

Ron Ellis with the Texas Water Development Board (TWDB) provided a report. The Texas Water Fund webpage has been updated here:

<https://www.twdb.texas.gov/financial/programs/twf/index.asp>. There is a link to sign up for email updates as well as a link to frequently asked questions as well as a link to the video of the March 20, 2024 stakeholder meeting. The Interregional Planning Council has issued their report, and it is available here: <https://www.twdb.texas.gov/waterplanning/rwp/ipc/>. In the adoption of their final report, the IPC made recommendations to approve three statutory charges. One is to improve coordination among the regional water planning groups, and between each regional water planning group and the Board, in meeting the goals of the state water planning process and the water needs of the state as a whole. Another is to facilitate dialogue regarding water management strategies that could affect multiple regional water planning areas. Lastly, they are charged with sharing best practices regarding operation of the regional water planning process. They also made recommendation to the legislature, to TWDB and to future regional planning councils. To the legislature they recommended that they appropriate additional funds to the planning process. They listed the need for more funding to support planning groups' task to identify and facilitate interregional coordination, to accommodate tasks associated with long-range, visionary planning, to fund better methods of disseminating information for the regional water planning process, and lastly, funds are needed to accommodate labor costs for administering RWPGs. Other recommendations made to the legislature include asking them to provide financial incentives for local sponsorship of innovative, visionary, multi-benefit projects; provide initial sponsorship of projects by the State without guarantees from local sponsors; they would want them to establish a coordination process amongst state agencies for installation of infrastructure during planning and construction of large-scale projects; they asked them to strike simplified planning from the statute; and they'd like the authorization of the use of one-way conferencing or webinars. The recommendations they made to TWDB included asking the Board to develop protocols to include annual discussions to evaluate and document best practices for regional water planning in Chairs' conference calls. The recommendations they made to future planning councils include monitoring the effectiveness of efforts to promote interregional coordination and review how best to utilize interregional liaisons in the development or use of shared water resources; utilize state agencies' expertise to assist regions in developing a vision of planning resources for the state as a whole; consider holding work sessions as needed to "deep dive" into more complicated topics; review materials and meeting notes from the TWDB's "lessons learned" technical meetings with RWPG consultants; and review progress on all recommendations in the 2027 SWP Council's report and submit its assessment to the TWDB. The IPC also included several observations on topics not related to its statutory charge. They made recommendations around water loss, unaccounted water use, and long-range visionary planning. Cindy Gwinn asked if Mr. Ellis had examples of more complicated topics they recommended a "deep dive" into. Mr. Ellis stated that the IPC's take on a more complicated project could be an interregional project that affects multiple regions that allows resources to be shared among the regions. For example, in the southwestern part of Texas there are several small cities that are not near a major water source and they're having trouble with the groundwater they do have access to. None of those small cities have the resources to create a regional project to help themselves or those around them. The planning council or multiple planning groups

could combine efforts to make a multiregional project happen. Mr. Ellis also provided information on Conservation Resources for 2026 Regional Water Plan Development. Information on that topic can be found here:

<https://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/conservationresources.asp>.

This page contains conservation resources available for regional water planning groups to consider during development of the 2026 Regional Water Plans. Mr. Ellis included the presentation of a table that includes the type of data reported, who is required to report this data and when it should be reported. This table includes the reporting requirements for water use surveys, water loss audits, water conservation plans, and water conservation plan annual reports. Different types of entities are required to report this data and each report has a specific due date. This data can be used to develop conservation strategies, to review target GPCDs, to summarize the types of BMPs included in the conservation plans in the region as well as summarize the BMP implementation results. The Texas Water Development Board created a Conservation Information Dashboard for Water Supply Planning. It can be found here: <https://www.twdb.texas.gov/waterplanning/data/dashboard/conservation.asp>. It will provide historical WUG planning GPCDs by region, water use, loss, and conservation reporting requirements, GPCD trends and targets, municipal conservation BMPs and recommended projects and recently implemented BMPs by region. The planning group is tasked with setting GPCD Goals. The resources that planning groups can access in addition to the water conservation dashboard for setting those goals are the Secure Agency Reporting Application (SARA) Report that calculates baseline planning GPCDs adjusting for water efficiency and water management conservation savings. There is also a spreadsheet of the 2026 RWP baseline GPCDs and WUG Adjusted GPCD based on WCAC methodology. Mr. Ellis also provided a link to materials for planning groups as follows:

<https://www.twdb.texas.gov/waterplanning/rwp/outreach/index.asp>,

John McFarland, Region I and GMA 11 representative, reported that Region I had no update. GMA 11 met Wednesday, May 15th. They are in year 2 of planning and they're looking at desired future conditions more in relation to the actual static levels that we are reading. Our ground water districts are monitoring their wells now, more than ever. Mr. McFarland is turning in 80-100 readings. The more data they have, the more accurate they will be with regards to where the water levels are. Investors out of the Dallas/Fort Worth area visited GMA 11 and they stated their plan is to come to east Texas and drill well fields and pipeline it back to Dallas and to the Hill Country. There were no reports from Region C or GMA 8.

Tony Smith, Carollo Engineers, reviewed the Draft on Chapter 1 for the 2026 Region D Water Plan. Mr. Smith provided a reminder that we are targeting March of 2025 to prepare the Draft Plan called the Initially Prepared Plan (IPP). That will mean we will likely meet in January or early February to approve the Draft Plan for Region D. This Draft is sent to the state for review, then there is a public comment period, and there is still time to work with the technical consultant to finalize it and make changes. The final plan must be submitted by October 2025. He began with an update that we are still in line with and we're staying in budget for planning. TWDB also gave Carollo the go ahead for Task 5B Scope of Work. That means we can begin executing the work on evaluating water management strategies. Mr. Smith reviewed details of what the draft of Chapter 1 looks like. It will be updated as approved and the changes made will be tracked in the document and double checked. Chapter 1 describes the physical, economic, and geography of the region. It also includes the water characteristics, supplies, resources, ground

water and surface water. It touches on threats to agricultural and natural resources, wildlife and vegetation. This is a very high level overview of the description of Region D. In subsequent chapters, there will be rigorous detail on each section reviewed in Chapter 1. He also covered highlights of the 2022 State Water Plan including the approximate water supply need of 117,000 acre feet per year with water management strategies equaling 221,000 acre feet per year for a total capital cost of \$730 million. In the 2022 State Plan, there are recommendations that include a designation of 3 stream segments of unique ecological value, and designation of Parkhouse II in the Sulphur River Basin as a unique reservoir site. And lastly, Region D proposed two kinds of water management strategies for its water shortages, including new groundwater wells and new surface water purchases. Mr. Smith asked that if there are any details that anyone has questions or concerns with or if anyone would like to add any details that are missing, please reach out to him. Other planning efforts include a modification to Task 5B Scope of Work to include an Aquifer Storage and Recovery (ASR) scope item and the budget will not increase. Carollo's rural outreach efforts must be summarized in Chapter 10. They must document public meetings, things of that nature. Carollo has already been doing that given the makeup of Region D. TWDB has compiled a list of 154 Rural WUGs that meet the rural political subdivision definition per TWC 15.001(14). The Drought Preparedness Council (SPC) put out a letter to Region D with an offer assistance and made recommendations. The administrative code sites that the planning groups are required to consider any relevant recommendations from the DPC. The DCP made the following recommendations: 1. The regional water plans and state water plan shall serve as water supply plans under drought of record conditions. The DPC encourages regional water planning groups to consider planning for drought conditions worse than the drought of record, including scenarios that reflect greater rainfall deficits and/or higher surface temperatures. 2. The Drought Preparedness Council encourages regional water planning groups to incorporate projected future reservoir evaporation rates in their assessments of future surface water availability. 3. The Drought Preparedness Council encourages regional water planning groups to identify in their plans utilities within their boundaries that reported having less than 180 days of available water supply to the Texas Commission on Environmental Quality during the current or preceding planning cycle. For systems that appeared on the 180-day list, RWPGs should perform the evaluation required by Texas Administrative Code Section 357.42(g), if it has not already been completed for that system. The path forward will include an evaluation of Water Management Strategies; then the development of Chapters 2 and 3; then policy recommendations will be made. Mr. Smith agreed with a comment made by Cindy Gwinn Region D needs to be aware of what is in all the Drought Contingency Plans and Water Conservation Plans so as to include them in the Region D planning efforts. Fred Milton asked if there is a policy in place to control the encroachment into the ground water in our area? Mr. Smith provided that it would be a Groundwater Conservation District (GCD) which Region D does not have. John McFarland, as the representative of GMA 11 stated that the right of capture is also known as the "law of the largest pump." Meaning if you have the land and the pump, you can pump the ground water out. He stated that part of the purpose of Groundwater Management is to monitor groundwater levels and issue permits based on what is available and ensure everyone gets what they need. That means that without a GDC and someone wants to come in and decides to pump the water out, they can. The GMA won't stop them from pumping, but they will impose limits on the amount pumped based on the science they're using to determine what is available. No action taken.

Kyle Dooley presented invoices from Carollo Engineers for payment approval. The invoices are for work from January and February 2024. The total for the invoices is \$119,348.72. Greg Carter made a motion to authorize Kyle Dooley to pay the invoices to Carollo. Fred Milton seconded the motion. Motion carried, all voting aye.

The public was provided with a second opportunity to make comments. No public comments were made.

Kyle Dooley provided that the next meeting is tentatively scheduled for mid-August 2024 and have another in September or October 2024. He also stated that the board should expect a notice for expiring terms to be mailed and posted online in late June or early July.

With no further business to discuss, Jim Thompson adjourned the meeting at 11:30 a.m.

Secretary

Date

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, September 18, 2024**

**Agenda Item 4
Appointment of Successor for the expiring
terms of Voting Member Positions**

PUBLIC NOTICE FOR EIGHT TERMS STARTING IN OCTOBER OF 2024

Notice is given that the North East Texas Regional Water Planning Group (NETRWPG) is accepting nominations for positions to serve as voting members. Due to the expiring terms of eight positions, appointments will be made for each of the eight terms. State law and the Bylaws of the NETRWPG require diversity in the membership of the NETRWPG. Section 16.053 of the Texas Water Code lists the required interest groups and the requirement that the regional planning groups maintain adequate representation from those interests. Due to existing overlap, members can be selected from any interest group. To achieve geographical diversity on a county level, selection for terms starting October of 2024, at least one member must come from the following counties: Rains, Hopkins, Hunt, Lamar, & Van Zandt. The effort to strive to achieve geographical diversity is found in Article V, Section 4 of the NETRWPG Bylaws. Terms are expiring for positions held by Brandon Blecher, Andy Endsley, Sharron Nabors, Joe Coats, Jim Thompson, Howdy Lisenbee, Richard Garza, and Billy Henson. In this selection process, NETRWPG will strive to achieve interest group, geographic, ethnic, and gender diversity. To be eligible, a person must be qualified as set forth in the NETRWPG Bylaws. The conditions of membership are set forth in the NETRWPG Bylaws. Term limits are established in the Bylaws. All persons with expiring terms in 2024 are eligible for reappointment. The methods for submission of nominations shall be to submit nominations to the principal administrative office of the NETRWPG or to submit an email. The mailing address for such office is Riverbend Water Resources District, 228 Texas Ave. Suite A, New Boston, Texas 75570. The email address to submit a nomination is kyledooley@rwr.org. The deadline for submission is July 31, 2024.

2024			Term Limited		
Expiring Terms	Initial Term Began	New Electee & Start Date	Elected for another term		County Interest Group
Brandon Belcher	August-2018			No	Hunt Environmental
Andy Endsley	September-2021			No	Hopkins Counties
Sharron Nabors	August-2018			No	Lamar Agriculture
Joe Coats	September-2021			No	Cass Environmental
Jim Thompson	September-2021			No	Cass Small Business
Howdy Lisenbee*	May-2024			No	Hunt Municipalities
Richard Garza	September-2021			No	Van Zandt Agriculture
Billy Henson	September-2021			No	Bowie Industries

* Howdy Lisenbee replaced Cory Moose and is finishing an expiring term. He is still eligible to serve three full terms.

Nominee	Comment	Term Number	Nominated By	County	Interest Group
Billy Henson	Nominated by Cindy Gwynn (Email 6/20)	2	Cindy Gwynn	Bowie	Industries
Wayne Dial	Emailed with interest in serving (Email 6/21)	1	Self	Bowie	Municipalities
Andy Endsley	Emailed with interest in continuing (Email 6/27)	2	Self	Hopkins	Counties
Howdy Lisenbee	Nominated by Teddy Reel, Commerce Mayor	1	Teddy Reel	Hunt	Municipalities
David Weidman	Nominated by Kelly Mitchell, SRBA Chair	1	Kelly Mitchell	Titus	River Authority
Jim Thompson	Reappoint Self (Phone Call)	2	Self	Cass	Small Business
Brandon Belcher	Reappoint Self (Phone Call)	3	Self	Hunt	Environmental
Richard Garza	Reappoint Self (Phone Call)	2	Self	Van Zandt	Agriculture
Joe Coats	Reappoint Self (Phone Call)	2	Self	Cass	Small Business
Sharron Nabors	Reappoint Self (Phone Call)	3	Self	Lamar	Agriculture

Due to existing overlap, members can be selected from any interest group

To achieve geographical diversity on a county level at least one member must come from the following counties:
Rains, Hopkins, Hunt, Lamar, & Van Zandt

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, September 18, 2024**

**Agenda Item 5
Appointment of Liaison to Region C**

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, September 18, 2024**

**Agenda Item 6
Reports From Liaisons**

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, September 18, 2024**

**Agenda Item 7
Consider Possible Action on letter from
Region C regarding interregional
coordination**

Administrative Summary

Region C responded to a letter from Region D, dated November 11, 2021, regarding interregional coordination. The letter invites Region D representatives to attend an upcoming Region C meeting on Sept. 30th, where there will be a brief presentation on the Marvin Nichols project and also time for Region D representatives to ask questions. The letter requested a response by September 13th so Region C could plan their agenda accordingly. Mr. Thompson responded to the Region C letter with a letter dated August 28th. All letters are included in the packet. This agenda item is included to allow for board discussion and any possible action.

NORTH EAST TEXAS REGIONAL WATER PLANNING GROUP - D

Executive Committee

November 11, 2021

Jim Thompson
Chair

Richard LeTourneau
Vice Chair

Rolin McPhee
Secretary

Joe Bumgarner
At-Large

Voting Members

Russell Acker
Counties

Allen Beeler
Environmental

Brandon Belcher
Environmental

Bruce Bradley
Agriculture

John Brooks
Public

Joe Coats
Environmental

Donnie Duffie
Electric
Generating
Utilities

Andy Easley
Counties

Nicolas Fierro
Water Districts

Richard Garza
Agriculture

Cindy Gwinn
Industries

Conrad King
River Authority

Janet McCoy
Small Business

Fred Milton
Water Districts

Ned Muse
Municipalities

Sharron Nabors
Agriculture

Lloyd Parker
Water Utilities

Billy Henson
Industries

Bob Tardiff
Municipalities

Harlton Taylor
Water Utilities

Mr. J. Kevin Ward
Chair, Region C Water Planning Group
Trinity River Authority of Texas
P.O. Box 60
Arlington, Tx 76004-0600
wardk@trinityra.org

Dear Mr. Ward:

The North East Texas Regional Water Planning Group (Region D) has authorized the submission of this letter to you as Chair of the Region C Water Planning Group to notify the Region C Planning Group of a potential conflict between our two plans and to enhance interregional coordination efforts going forward.

Obviously, we are at the beginning of the planning cycle and very early on in the process. However past experiences between our Regional Water Planning Groups regarding conflicts and potential conflicts have shown that early identification and discussions of any potential conflicts can be helpful. The Interregional Planning Council Report to The Texas Water Development Board dated October 16, 2020 stressed the importance of identifying issues and potential interregional conflict concerns at the beginning and throughout the planning cycle.

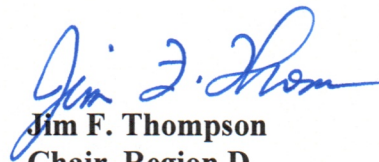
We realize that final decisions on potential projects for the upcoming Regional Water Plan have not occurred. However, we are also aware that Region C has consistently included the potential Marvin Nichols Reservoir as a future water supply source in its Plans. We also know that for at least the last twenty (20) years, Region D has included language in its Plans that expressly states that Marvin Nichols Reservoir should not be included in the State Water Plan or any Regional Water Plan because it does not protect the economic, agricultural and natural resources of the region and of Texas and that the development of this project would have a substantial adverse effect on our region as a result of the impacts the reservoir would cause. I have attached with this letter Section 6.9 and Section 6.10 of the most recent approved Region D Water Plan which details the concerns our Region has regarding the proposed Marvin Nichols Reservoir.

It is certainly our hope that our two groups can avoid a conflict on this issue. We are willing to take all reasonable measures to do so. Those efforts could include coordinating and exploring other viable measures to increase water supply sources for Region C in the future as well as decreasing future demand, including but not limited to fully utilizing water supplies in existing reservoirs, potential reallocation of water resources in existing reservoirs, additional reuse beyond what is proposed in the Region C Water Plan, and increased water conservation.

We are sending a copy of this letter to representatives of the Texas Water Development Board. It is our desire that a conflict be avoided if at all possible and hopefully, both regions can work toward that goal.

Thank you for your consideration.

Very truly yours,



Jim F. Thompson
Chair, Region D
Water Planning Group

cc: Mr. Jeff Walker
Executive Administrator
Texas Water Development Board
1700 N. Congress Ave.
Austin, Tx 78701

Temple McKinnon
Temple.McKinnon@twdb.texas.gov

Ron Ellis
Ron.Ellis@twdb.texas.gov

REGION C WATER PLANNING GROUP

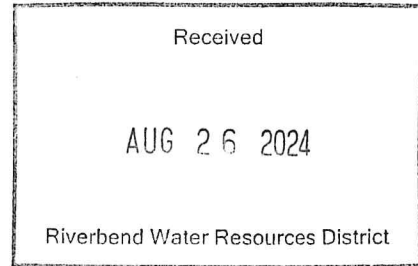
Senate Bill One Sixth Round of Regional Water Planning - Texas Water Development Board

Board Members

J. Kevin Ward, Chair
Russell Laughlin, Vice-Chair
Jenna Covington, Secretary
David Bailey
Jay Barksdale
Ryan Bayle
Chris Boyd
Dan Buhman
Grace Darling
John Paul Dineen III
Gary Douglas
Stephen Gay
Chris Harder
Harold Latham
John Lingenfelder
Steve Mundt
Denis Qualls
Rick Shaffer
Doug Shaw
Paul Sigle
Connie Standridge
John Stevenson

August 21, 2024

Jim Thompson
Chair, Region D Water Planning Group
c/o Riverbend Water Resources District
228 Texas Avenue, Suite A
New Boston, TX 75570



Dear Mr. Thompson:

Region C received your letter, dated November 11, 2021, regarding interregional coordination for the Marvin Nichols Reservoir project. We appreciate Region D efforts to proactively coordinate. We similarly hope our two groups can avoid a conflict on this issue. However, at that time, Region C had not begun to identify and evaluate potentially feasible strategies. The Region C Water Planning Group voted to delay initiating interregional coordination until more information on the project was available.

Region C has now identified Marvin Nichols Reservoir as a potential recommended strategy for the 2026 Region C Water Plan. Our consultants currently are updating the analyses and evaluations of the project. Region C fully intends to evaluate all available potentially feasible water supply alternatives. We would like to invite you and representatives of Region D to our Region C meeting on September 30, 2024, for a brief presentation on the project. This will provide the opportunity for Region D Water Planning Group members to learn about the project and ask questions.

We understand that the Region D Water Planning Group has concerns about this project, and Region C representatives are willing to attend a Region D meeting to hear a presentation from Region D on these concerns.

Please let me know if Region D representatives plan to attend the September 30th Region C meeting by September 13, 2024, so that we can allocate time for questions from Region D on the Marvin Nichols project. We appreciate your cooperation as we begin developing our water management strategies and interregional coordination.

Sincerely,

A handwritten signature in black ink that reads "J. Kevin Ward".

Kevin Ward
Chair, Region C Water Planning Group

Cc: Bryan McMath, Interim Executive Director, TWDB
Kevin Smith, Region C Project Manager, TWDB
Ron Ellis, Region D Project Manager, TWDB

NORTH EAST TEXAS REGIONAL WATER PLANNING GROUP - D

Executive Committee

Jim Thompson
Chair

Richard LeTourneau
Vice Chair

Cindy Gwynn
Secretary

Joe Bumgarner
At-Large

John Brooks
At-Large

Voting Members

Russell Acker
Counties

David Aikin
Public

Brandon Belcher
Environmental

Greg Carter
Electric
Generating Utilities

Kevin Chumbley
Municipalities

Joe Coats
Environmental

Andy Endsley
Counties

Nicolas Fierro
Water Districts

Richard Garza
Agriculture

Hattie Hackler
Agriculture

Billy Henson
Industries

Robert Hurst
Counties

Conrad King
River Authority

Howdy Lisenbee
Municipalities

Janet McCoy
Small Business

Fred Milton
Public

Ned Muse
Municipalities

Sharron Nabors
Agriculture

Harlton Taylor
Water Utilities

August 28, 2024

Kevin Ward
Chair, Region C Water Planning Group
Trinity River Authority of Texas
P.O. Box 60
Arlington, TX 76004-0600

wardk@trinityra.org

Dear Mr. Ward

I am in receipt of your letter dated August 21, 2024. Your letter was in response to the letter sent November 11, 2021 on behalf of Region D requesting, among other things, that our two regions make timely efforts to avoid a conflict over the Marvin Nichols Reservoir.

Region D is not scheduled to meet until September 18, 2024. Any official decision on what action Region D will take in response to your letter will be done on that date. I realize that you stated in your letter that you need to know if Region D representatives will attend your September 30 meeting by September 13.

I fully anticipate that Region D will take some action at our Board meeting on September 18, 2024 in response to your letter and am certain that there will be members of Region D that will attend the Region C meeting on September 30 to hear the presentation and ask questions regarding the Marvin Nichols project. I would appreciate it if you would allocate time on your agenda for Regions D participation and questions regarding the Marvin Nichols project.

Thank you.

Very truly yours,



Jim Thompson
Chair, Region D Water Plan Group

cc: Bryan McMath, Interim Executive Director, TWDB
Kevin Smith, Region C Project Manager, TWDB
Ron Ellis, Region D Project Manager, TWDB
Kyle Dooley

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, September 18, 2024**

**Agenda Item 8
Discussion of Draft Chapters 2, 3, 4,
portions of Chapter 8, and Region D
Groundwater Availability Assessment for
the 2026 Region D Plan
&
Agenda Item 9
Region D Technical Consultant Report**

NETRWPG- Region D Regional Water Planning

Item 8

Regional Planning Updates



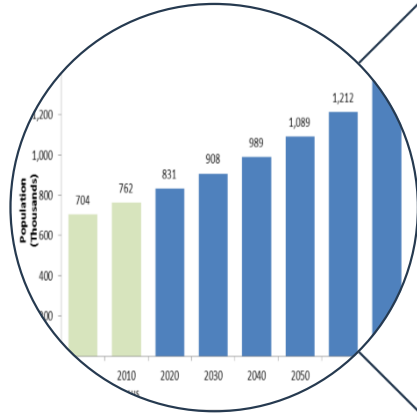
PITTSBURG, TX SEPT 18, 2024

2026 Planning Budget Progress (1st Amended)

Task #	Task	Contract Amount	Expended to Date	% Complete
1	Planning Area Description	\$16,231	\$13,180.99	81%
2A	Non-Municipal Water Demand Projections	\$28,414	\$26,937.93	95%
2B	Population & Municipal Water Demand Projections	\$47,482	\$37,923.46	80%
3	Water Supply Analyses	139,038	\$123,942.83	89%
4A	Water Needs Analysis	23,124	\$12,065.48	52%
4B	Identification of Infeasible WMS from 2021 Plan	22,152	\$22,078.31	100%
4C	Technical Memorandum	25,674	\$22,121.30	86%
5A	Identification of Potentially Feasible WMSs and WMS Projects	20,853	\$8,109.99	39%
5B	Evaluation & Recommendation of WMSs	--	--	--
5C	Conservation Recommendations	10,000	\$0.00	0%
6	Impacts of Regional Water Plan	12,000	\$0.00	0%
7	Drought Response, Activities & Recommendations	12,000	\$0.00	0%
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	\$10,648	\$3,208.49	30%
9	Implementation and Comparison to the Previous Regional Water Plan	4,334	\$0.00	0%
10	Public Participation and Plan Adoption	208,797	\$113,941.04	55%
TOTAL		\$580,747	\$383,509.82	66%

-Aug 2023

Review of DRAFT 2026 Region D Plan Material



Chapter 2

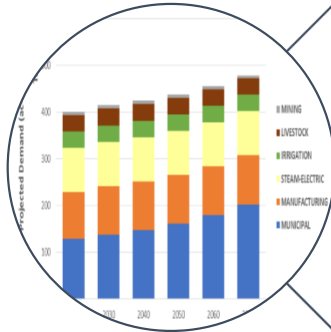
- Population and Water Demand Projections

2030	
1,386,621	1,363,661
306,469	305,261
72,993	67,677
1,766,083	1,736,599

Chapter 3

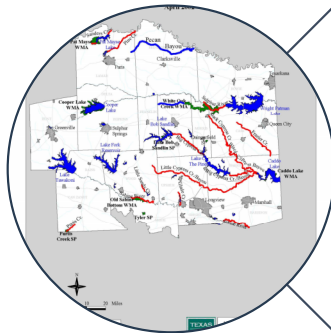
- Evaluation of Sources and Supplies

Review of DRAFT 2026 Region D Plan Material



Chapter 4

- Identification of Water Needs



Chapter 8

- Unique

Substantive changes tracked, focus upon content
Represents a snapshot in time
More opportunities for final approval

2

Population and Demand Projections

5 Sections in Chapter 2

1. Methodology

2. Population

- Regional
- By Basin

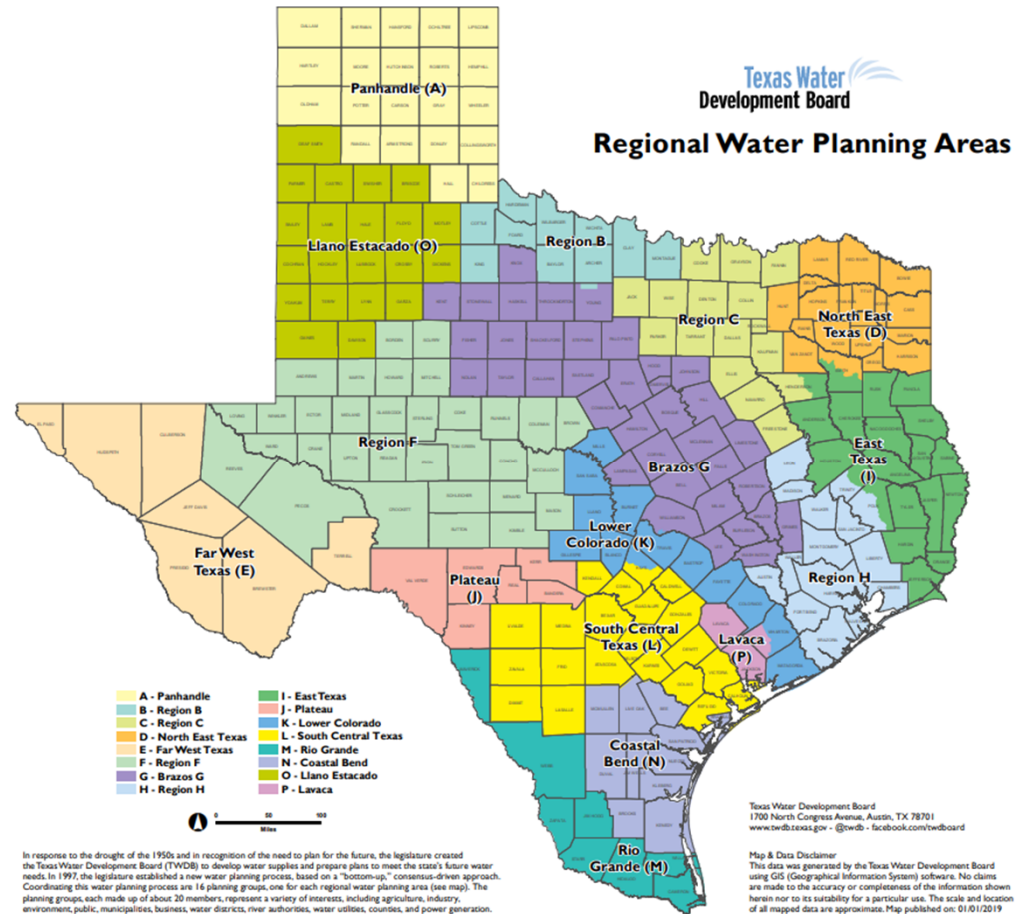
3. Water Demand

- ÷ Municipal
- ÷ Industrial
- ÷ Livestock
- ÷ Irrigation

4. Major Water Provider

- By Category of Use

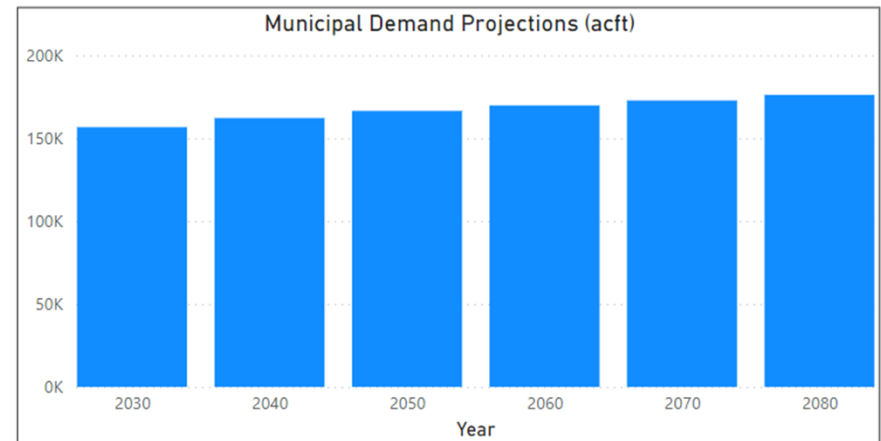
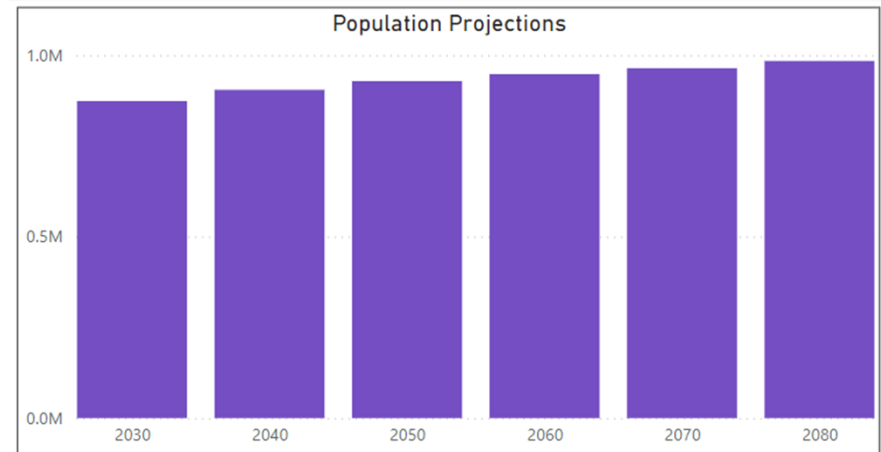
5. Environmental Flow



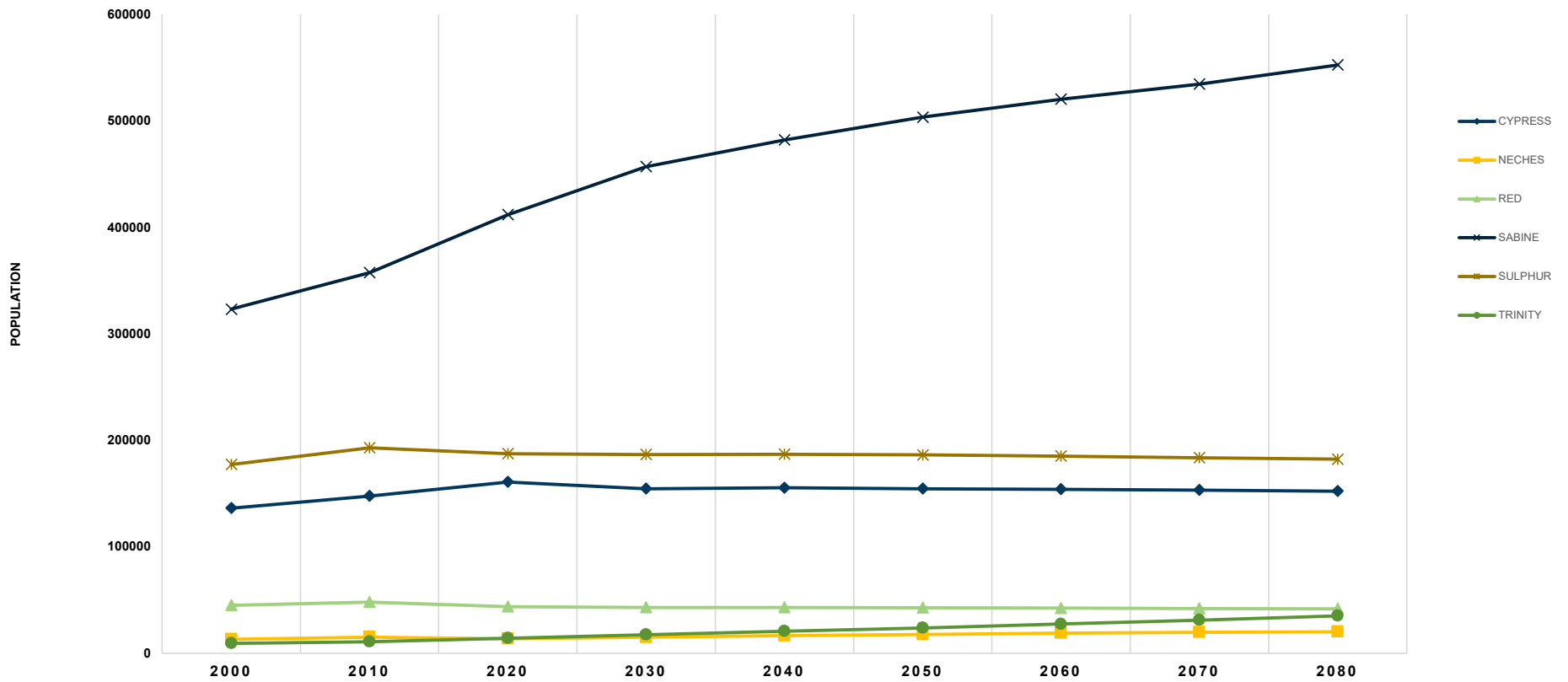
Chapter 2: Population and Water Demand Projections

The projections for population and water demand have been previously reviewed and adopted by both Region D and TWDB.

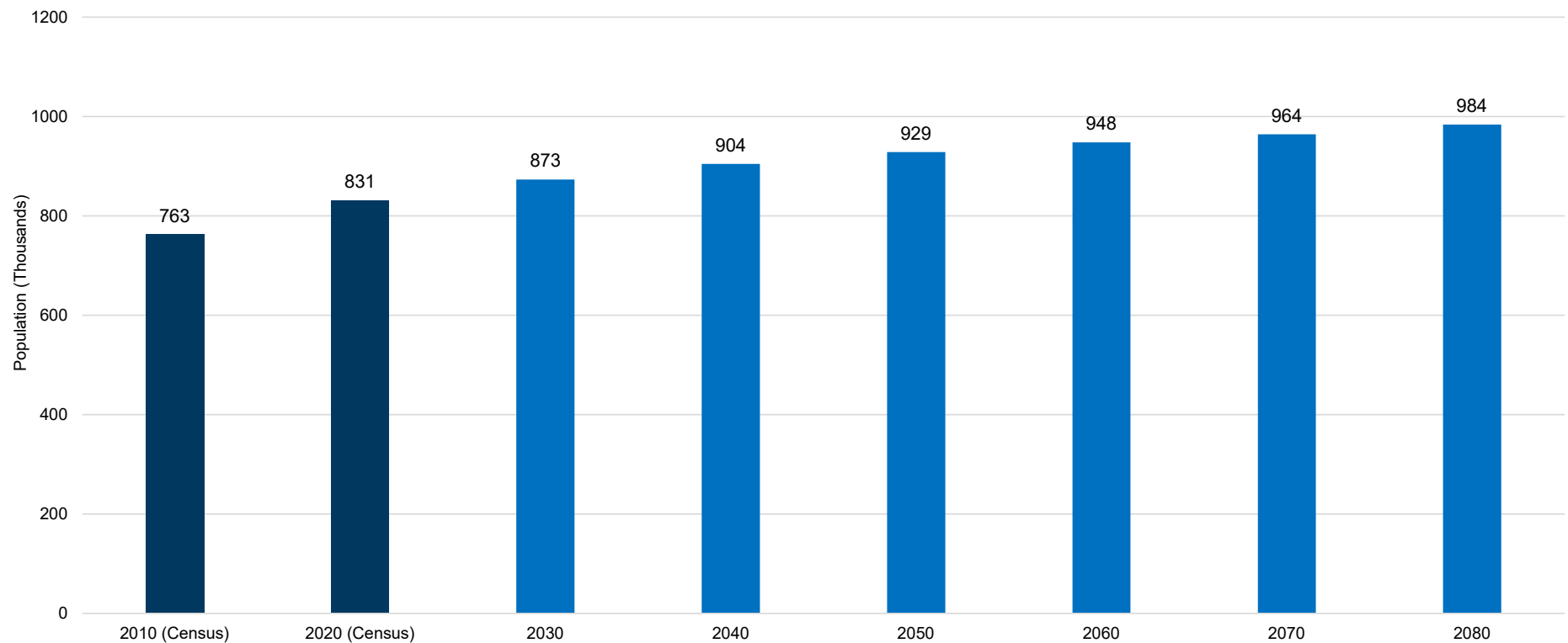
- Chapter 2 presents:
 - Adopted amounts in multiple formats
 - Region, basin, use category, WUG, WWP
 - Description of methods
(**updated for present round**)
- For WWP/MWPs:
 - Projected demands in terms of Contractual Demand
 - Projected demands in terms of projected customer (WUG) demand
- Regional Environmental Flow Demand
 - Discusses SB 3 and voluntary process in Cypress Creek Basin.



Population Projections by River Basin

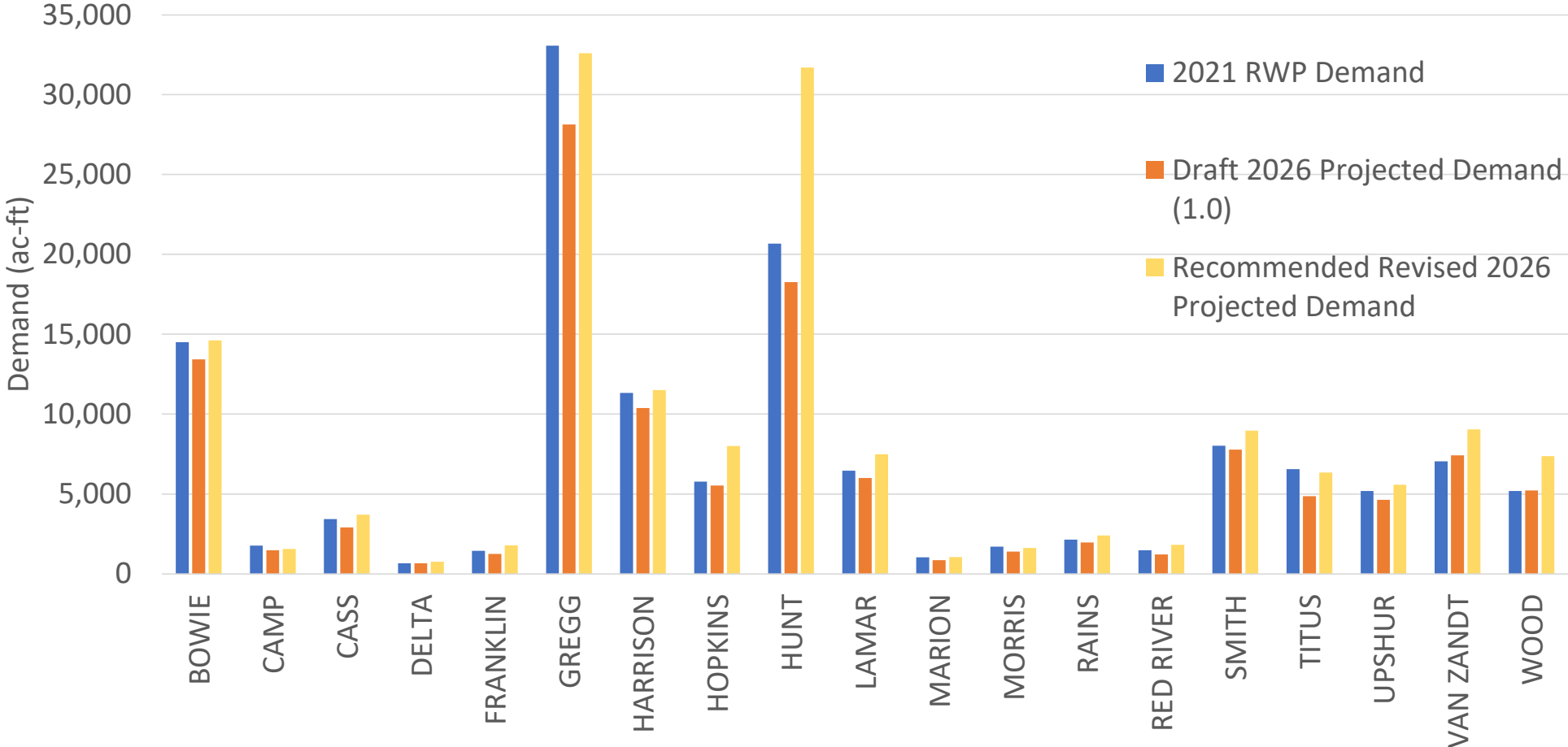


Historical and Projected Population Growth (2030 – 2080)

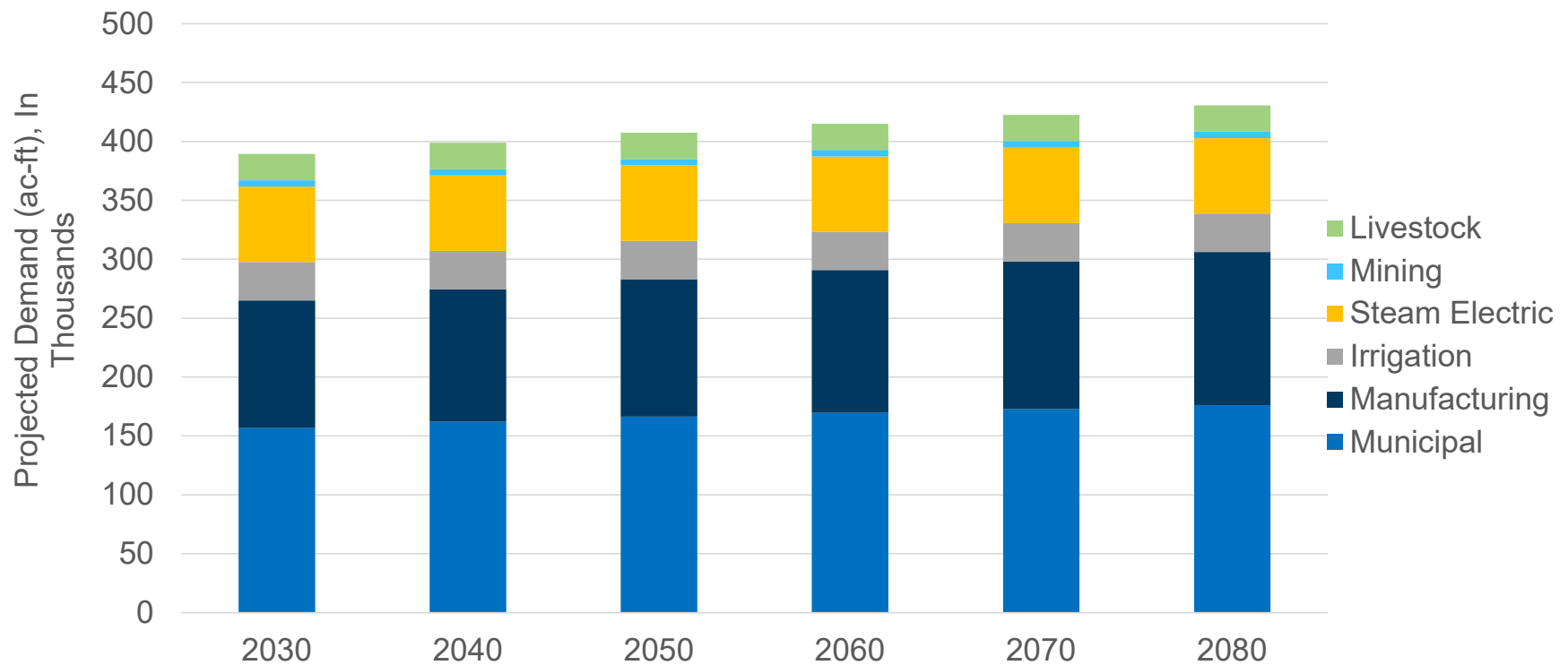


Both population and water demand are projected to grow by approximately 13% and 11%, respectively, from the years 2030 to 2080.

Municipal Demand Projections by County: 2030



Regional Water Demand Projections by Category of Use (acre-feet)



The largest percentage of water is currently used for municipal, manufacturing, and steam-electric power generation uses.

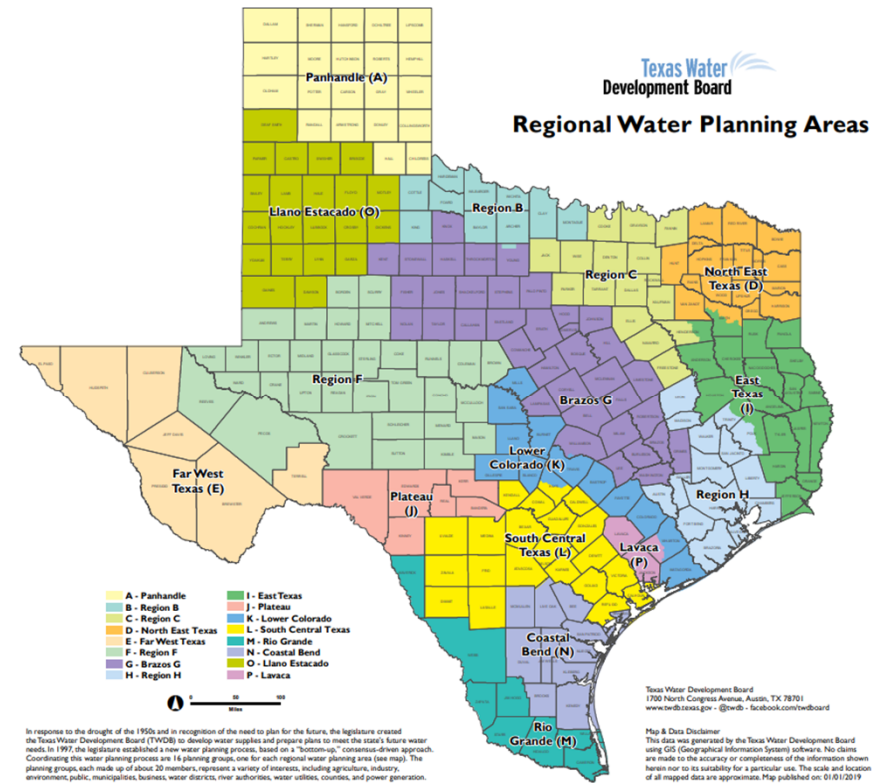
3

Sources and Supplies

5 Sections in Chapter 3

1. Surface Water Sources
 - *Water Availability Models*
 - *Modeled Source Water Availabilities*
2. Groundwater Availability
 - *Background*
 - *Characterization of Aquifers in Region D*
 - *Existing Groundwater Supplies*
3. Reuse
4. Supplies Currently Available to Each Water User Group
 - *Methodology to Determine Water User Group*
 - *Regional Municipal Water Supply*
 - *Regional Manufacturing Supply*
 - *Regional Irrigation Supply*
 - *Regional Steam Electric Supply*
 - *Regional Mining Supply*
 - *Regional Livestock Supply*
 - *Major Water Providers*
5. Impact of Environmental Flow Policies on Water Rights, Water Availability, and Water Planning

Note: Chapter Includes Required Appendices



Chapter 3: Evaluation of Current Water Supplies in the Region

- Statute is defined in the Texas Administrative Code (TAC)

TAC §357.32 states (emphasis added):

a) RWPGs shall evaluate:

- 1) source water availability during Drought of Record conditions; and
- 2) existing water supplies that are legally and physically available to WUGs and wholesale water suppliers within the RWPA for use during the Drought of Record.

- We can use things like existing MAGs, water rights, contracts, agreements, and studies to evaluate water supplies.
- Required to use the State's official WAMs and provide documented studies with site-specific information to justify the characterization of water availability and supply to the TWDB beyond the WAM.
- Firm yield is to be based on water rights and the best available information on sedimentation.

Surface Water Sources

- NETRWPA includes all or a portion of 19 counties that encompass major portions of four river basins:
 - Cypress Creek Basin
 - Red River Basin
 - Sulphur River Basin
 - Sabine River Basin
- Small portions of the Neches River Basin & the Trinity River Basin extend into the RWPA
- Various Lakes & Reservoirs
- Local Supply Sources – certain surface water sources allowed for use by individual landowners

Surface Water Sources - Existing Reservoirs

Lake/ Reservoir	County	Built	Conservation Pool			Volumetric Survey Data
			Area (acres)	Capacity (ac-ft)	Firm Yield (ac-ft)	
Red River Basin						
Lake Crook	Lamar	1923	1,060	9,210	7,290	2009
Pat Mayse Lake	Lamar	1967	5,638	117,844	59,670	2009
Sulphur River Basin						
Big Creek Lake	Delta	1986	520	4,890	2,162	
Cooper**	Delta	1991	17,958	298,900	113,849	2007
Rivercrest***	Red River	1953	555	7,000	8,624	
Langford Creek Lake	Red River	1966	162	947	440	2013
Lake Sulphur Springs	Hopkins	1974	1,557	14,370	11,464	
Lake Wright Patman*	Bowie/Cass	1956	17,907	96,430	347,566	2018
Elliott Creek Lake	Bowie				1,892	
Sulphur Turkey Creek Lakes	Fannin/ Hunt				200	
Cypress Creek Basin						
Lake Bob Sandlin	Wood Titus Franklin	1975	8,703	201,733	36,600	2008
Caddo Lake	Marion/ Harrison	1971	26,800	129,000	10,000	
Cypress Springs	Franklin	1971	3,252	66,756	11,800	2007
Ellison Creek	Morris	1943	1,516	24,700	33,643	
Lake Gilmer	Upshur	1998	895	12,720	6,180	
Johnson Creek Reservoir	Marion	1961	650	11,396	2,280	
Lake O' the Pines	Marion/ Upshur	1958	17,638	241,363	169,700	2009
Monticello Lake	Titus	1973	2,001	34,740	5,000	1998
Tankersley Lake	Titus		N/A	N/A	1,500	
Welsh Reservoir	Titus	1975	1,269	20,242	3,000	2002

Lake/ Reservoir	County	Built	Conservation Pool			Volumetric Survey Data
			Area (acres)	Capacity (ac-ft)	Firm Yield (ac-ft)	
Sabine River Basin						
Brandy Branch Reservoir	Harrison	1983	1,242	29,513	19,889	
Lake Cherokee	Gregg	1948	3,467	43,737	31,456	2015
Sabine Edgewood City Lake	Van Zandt				160	
Lake Gladewater	Upshur	1952	481	4,738	4,840	2000
Big Sandy Creek Lake					2,685	
Mill Creek	Van Zandt				1,192	
Greenville Lakes	Hunt	N/A	N/A	6,864	3,421	
Lake Fork**	Wood/Rains	1980	26,889	636,504	171,982	2009
Lake Hawkins	Wood	1962	776	11,890	0	
Lake Holbrook	Wood	1962	653	7,990	0	
Loma Lake					1,777	
Lake Quitman	Wood	1962	814	7,440	0	
Lake Winnsboro	Wood	1962	806	8,100	0	
Lake Tawakoni**	Rains/Van Zandt/Hunt	1960	37,325	871,693	229,647	2009

- North East Texas Region contains all or portions of these river basins:
 - Red
 - Sulphur
 - Cypress Creek
 - Sabine
 - Trinity
 - Neches

Water Availability Models

- In all river basins, the firm yields of various water supplies have been updated using the TCEQ supplied Water Availability Model (WAM) results
- Pat Mayse & Lake Crook Reservoirs utilized an alternate study
- In addition, engagement with all municipal Water User Groups (WUGs) to identify any changes in sources or supply amounts

Table 3.3 [Summary of Characteristics of Water Availability Models Employed for the Final 2021 Region D Plan 2026](#)
[Region D Plan](#)

Basin	WAM Version	WRAP Version	Simulation Date
Cypress Creek River Basin	1-Oct-2023	Jul-2022	17-Nov-2023
Red River Basin	1-Oct-2023	Jul-2022	20-Nov-2023
Neches River Basin	1-Oct-2023	Jul-2022	17-Nov-2023
Sabine River Basin	1-Oct-2023	Jul-2022	19-Jan-2023
Sulphur River Basin	1-Oct-2023	Jul-2022	19-Nov-2023

Overall Water Availability by Source

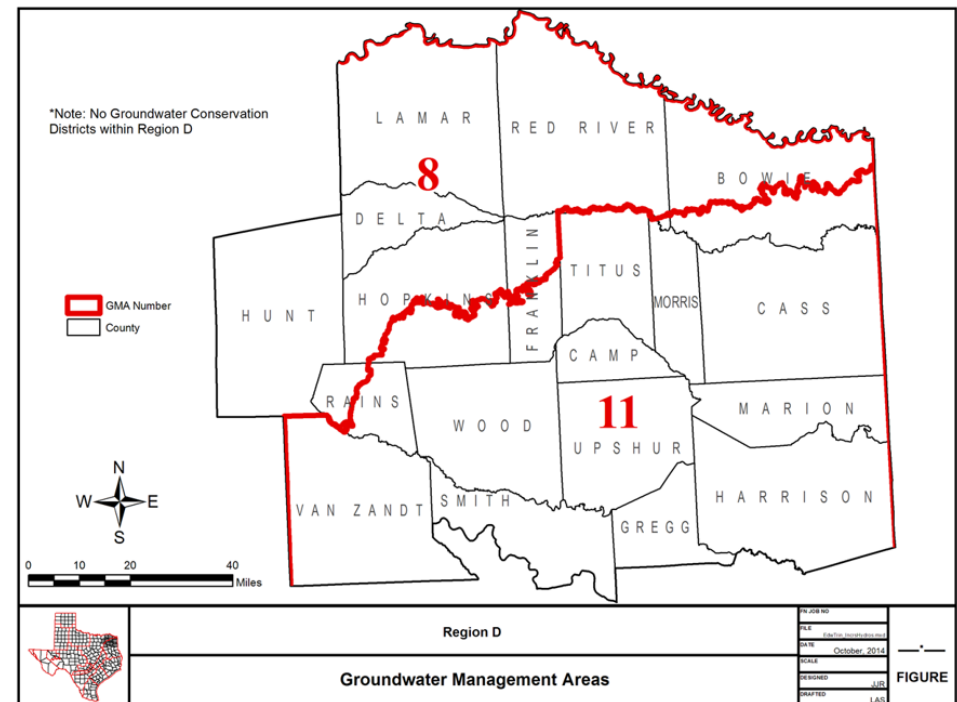
Table 3.1 Overall Water Availability by Source

Water Availability (ac-ft/yr)	2030	2040	2050	2060	2070	2080
SURFACE WATER IN REGION D	1,253,289	1,234,623	1,215,977	1,197,466	1,178,841	1,160,256
GROUNDWATER IN REGION D	191,021	191,020	191,042	191,397	191,876	192,580
DIRECT REUSE	72,993	67,677	68,933	77,807	71,581	71,581
TOTAL	1,517,303	1,493,320	1,475,952	1,466,670	1,442,298	1,424,417

Note: Groundwater volumes are subject to change based on the outcome of the local hydrogeologic assessments.

Groundwater Availability

- Groundwater availability was based on the Modeled Available Groundwater (MAG)
 - Long-term average
 - Developed through GMA process
 - Targets DFCs
- Local hydrogeologic assessments
- There are two GMAs within Region D
 - GMA 8
 - GMA 11
- Region D does not contain any GCDs



Texas Administrative Code §357.32(d)(2)

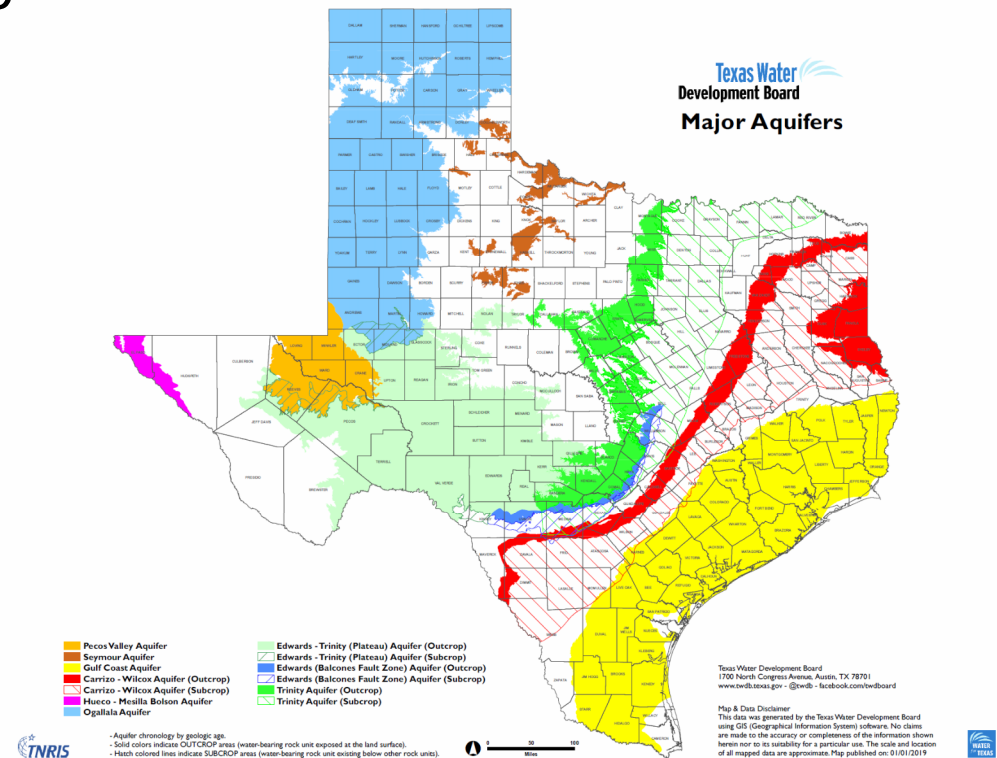
If no groundwater conservation district exists within the RWPA, then the RWPG shall determine the Availability of groundwater for regional planning purposes. The Board shall review and consider approving the RWPG-Estimated Groundwater Availability, prior to inclusion in the IPP, including determining if the estimate is physically compatible with the desired future conditions for relevant aquifers in groundwater conservation districts in the co-located groundwater management area or areas. The EA shall use the Board's groundwater availability models as appropriate to conduct the compatibility review.

Proposed Groundwater Availability Methodology

- Region D will use the MAG estimates as guidance for groundwater availability by county/aquifer
- If demands are greater than MAGs
 - Complete a local hydrogeologic assessment, may include:
 - More detailed analysis of entity's pumping
 - Typical production of the aquifer
 - Detailed assessment of aquifer characteristics
 - Current infrastructure (no. of wells, well field capacity, peaking factors)
 - Potentially increase availability to meet local needs if justified by best available science for the area

Characterization of Aquifers in Region D

- Total of six major aquifers within the Region
 - Blossom Aquifer
 - Carrizo-Wilcox Aquifer
 - Nacatoch Aquifer
 - Queen City Aquifer
 - Trinity Aquifer
 - Woodbine Aquifer



Environmental Flows

Language remains consistent with 2021 Plan

No new environmental flow standards have been adopted since 2021 Plan

Provides background on Senate Bill 3 (2007 Texas Legislature)

To date, standards have been adopted for the Sabine and Neches River Basins

Consideration of studies external to the SB 3 process provides opportunity for broader consideration of potential environmental flow needs

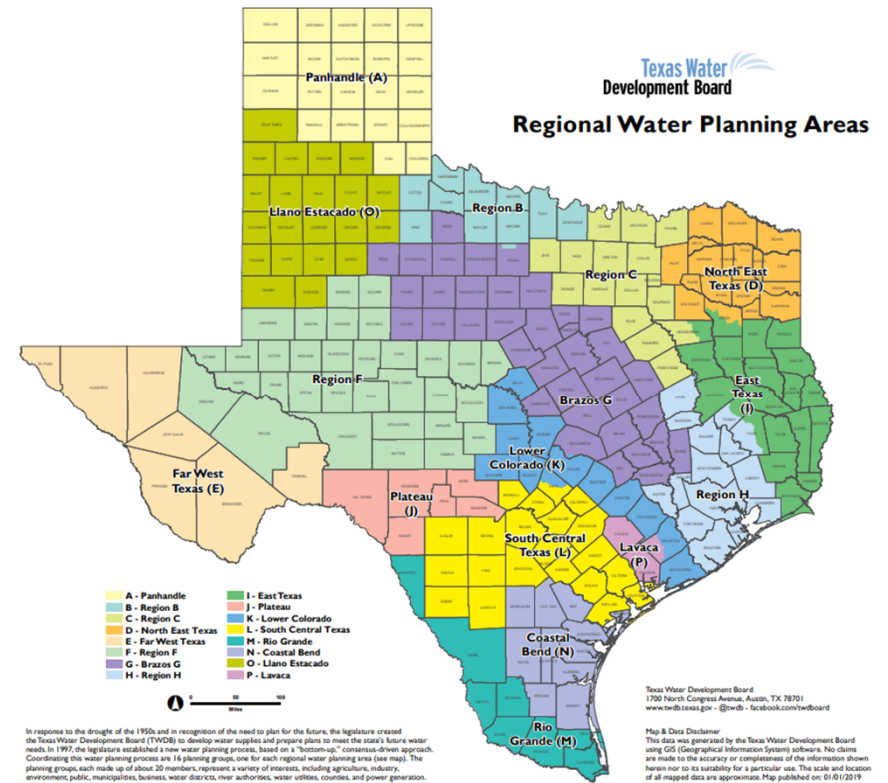
Such consideration will be presented in Chapter 8 to inform future planning efforts

4

Identification of Water Needs

5 Sections in Chapter 4

1. County Summaries of Water Needs
 - *By County*
2. River Basin Summaries of Water Needs
 - *By Basin*
3. Summary of Needs - Major Water Providers
 - ÷ *Contractual*
 - ÷ *Projected Supply*
4. Secondary Needs for Major Water Providers
5. Water Surpluses



Chapter 4: Identification of Water Needs

TAC §357.10(42) defines **Water Need** (emphasis added):

A potential water supply **shortage** based on the difference between projected Water Demands and Existing Water Supplies.

– Need comes from a comparison of Demands (Chapter 2) with Supplies (Chapter 3)

– **Needs are shortages**

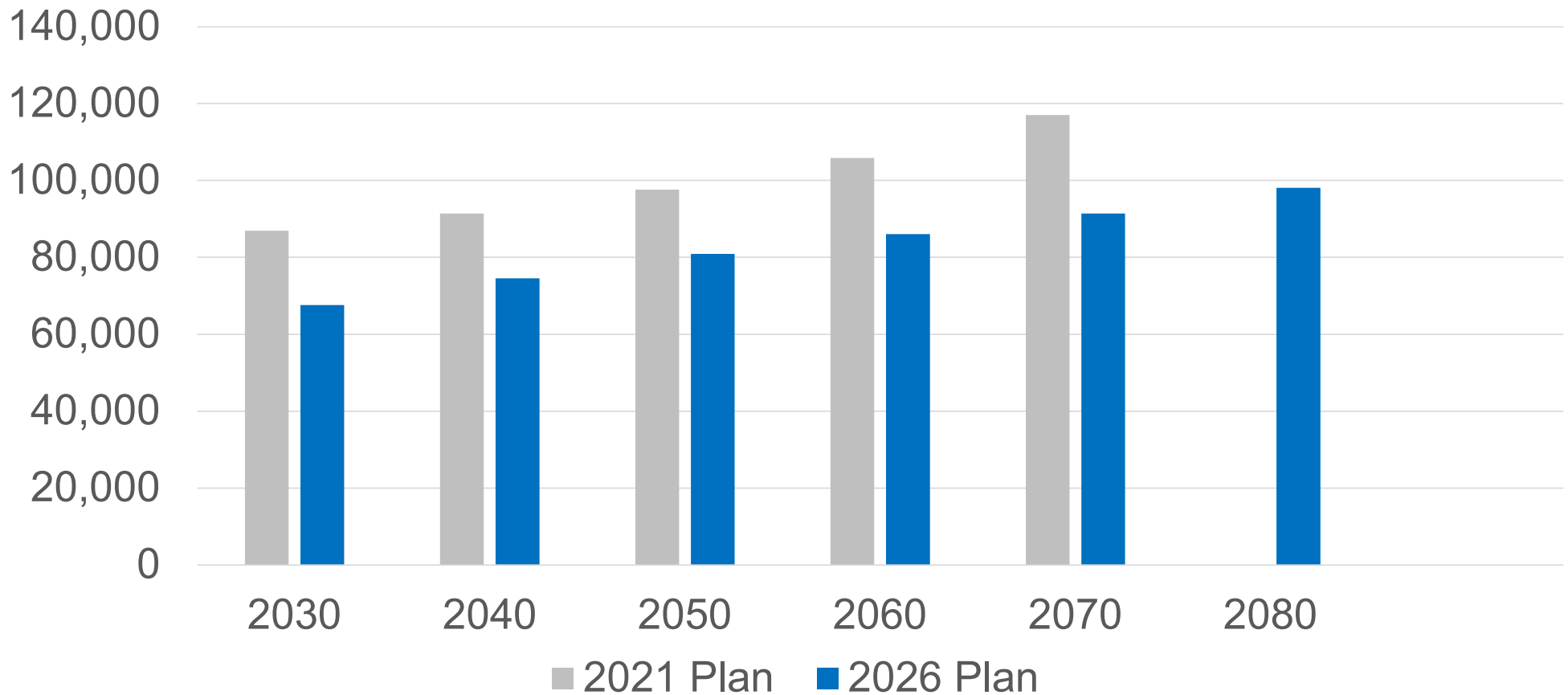
By:

- County
- River Basin
- Wholesale Water Provider
- Water Surpluses

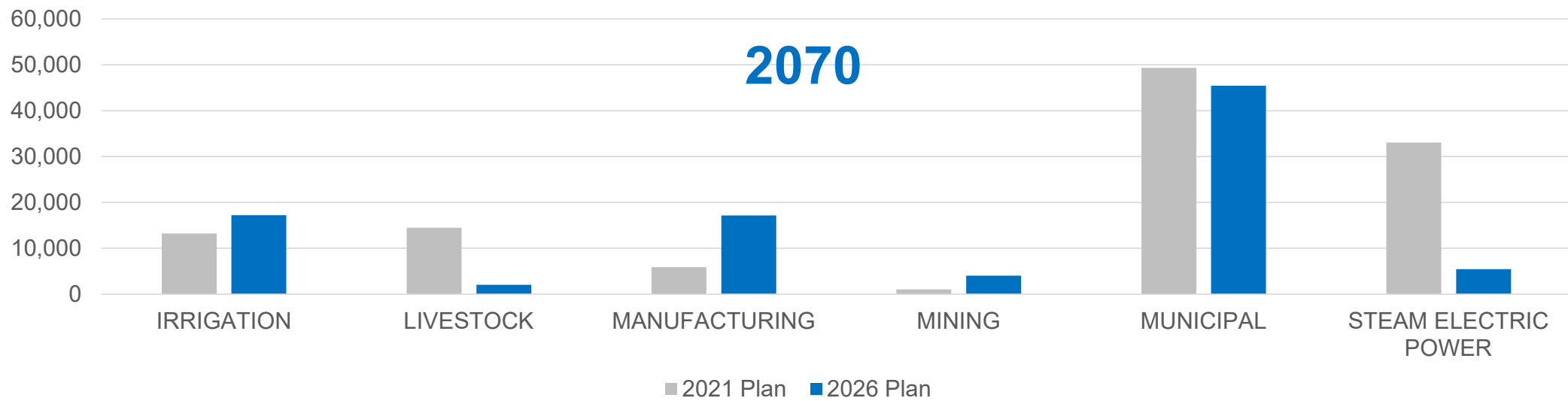
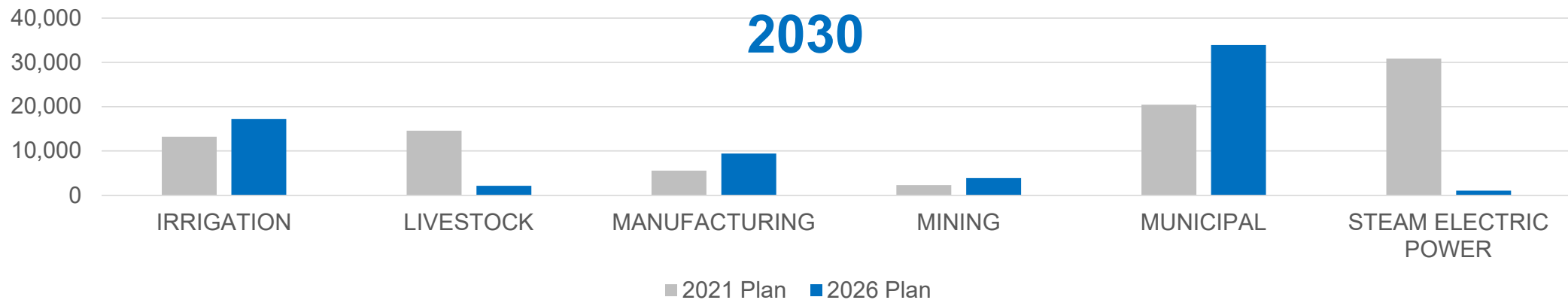
Type:

- Expired contract
- Increase in contract
- Actual – additional water source(s) required

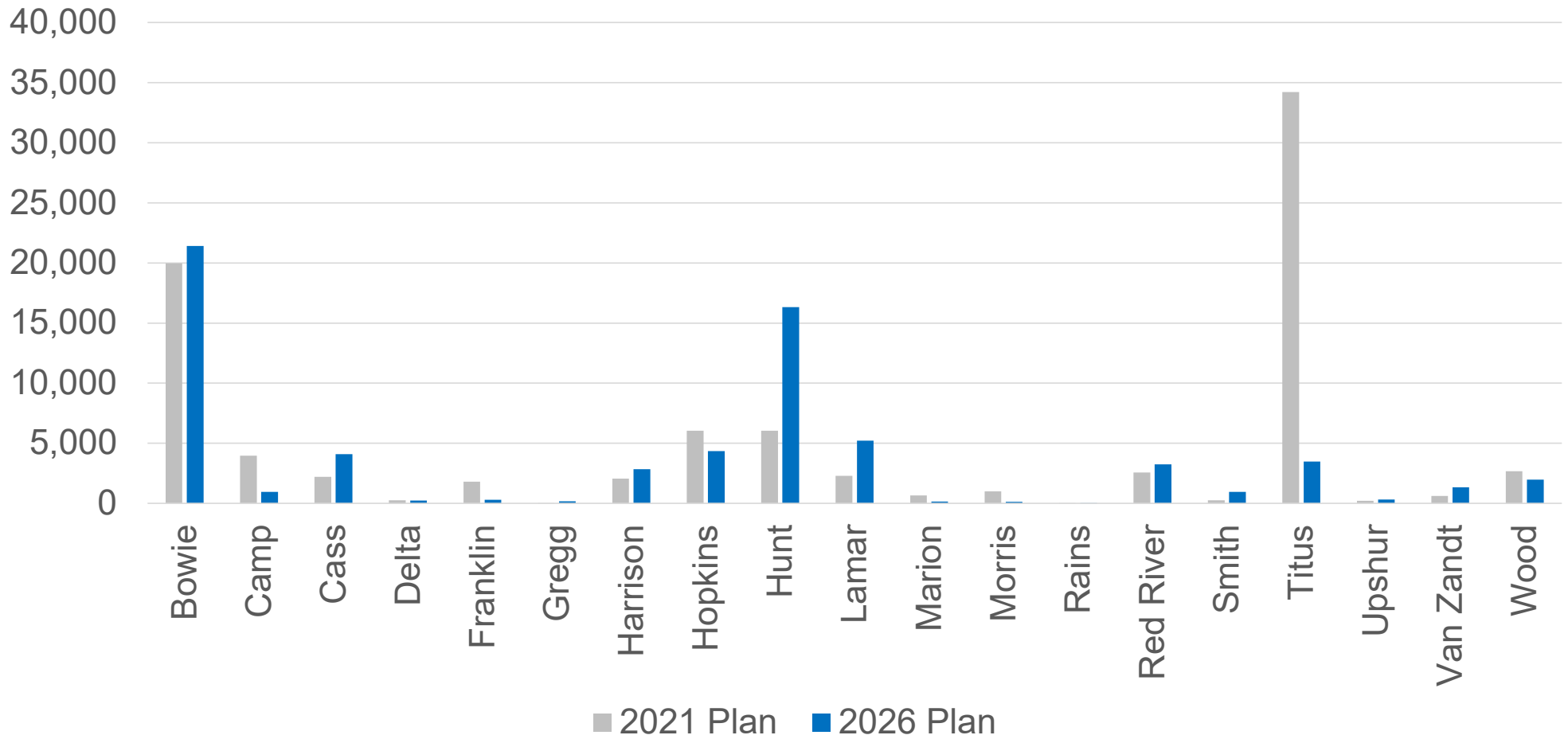
Comparison of Needs (Shortages) to 2021 Plan (ac-ft)



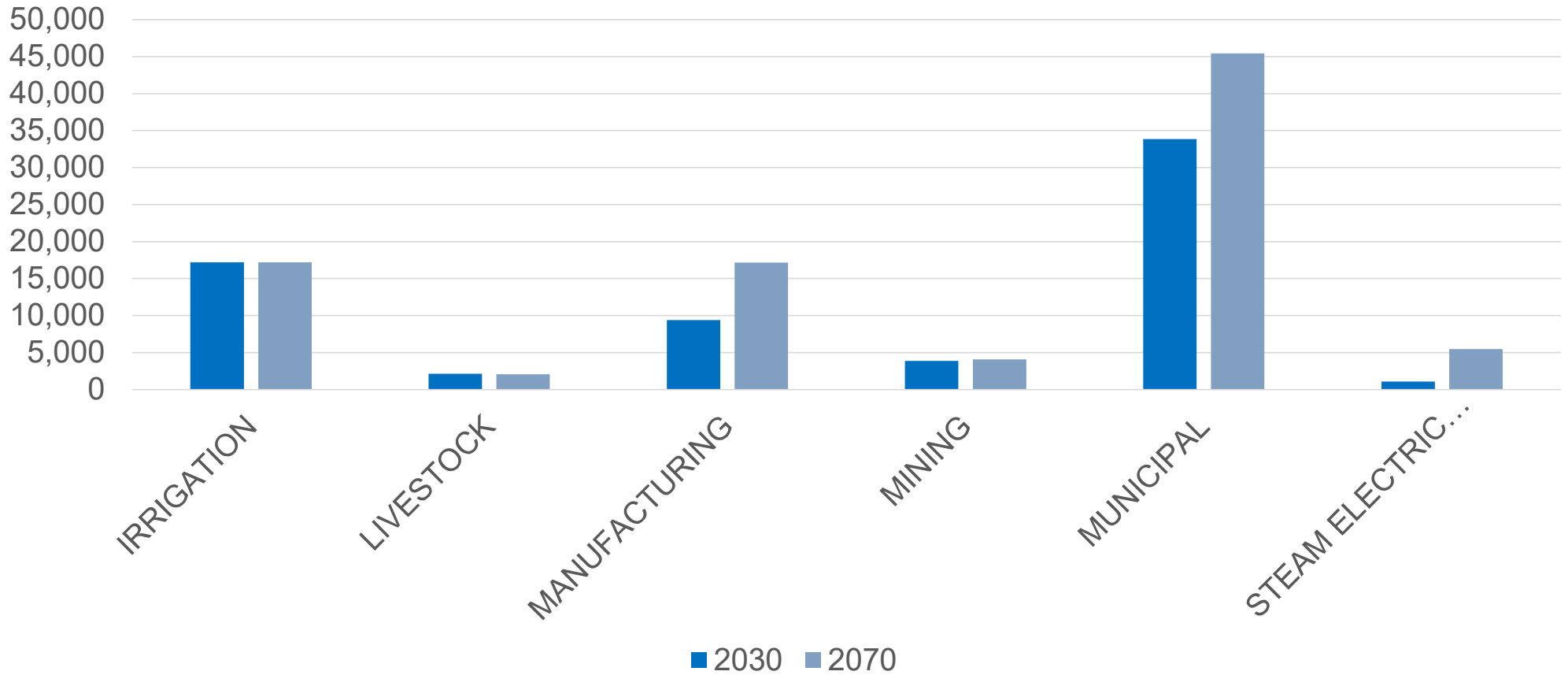
Comparison of Projected Needs (Shortages) by Use Type (ac-ft/yr)



Comparison of Projected Needs (Shortages) in 2030 by County (ac-ft/yr)



Growth in Projected Needs (Shortages) by Use Type (ac-ft/yr)



WWP Projected and Contractual Needs

Shortages can be viewed from multiple perspectives.

Projected needs

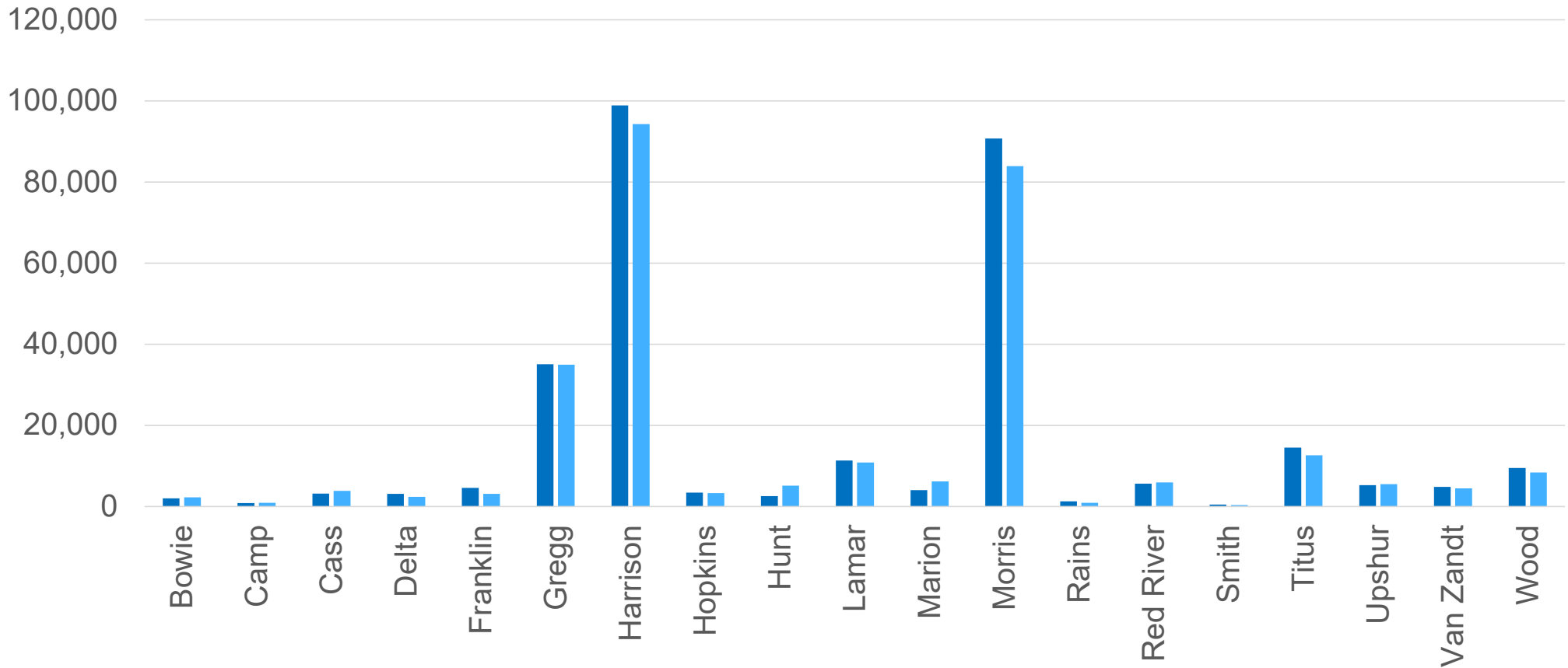
- Those of customers of a given seller, irrespective of whether that customer has multiple sources of supply.

Contractual,

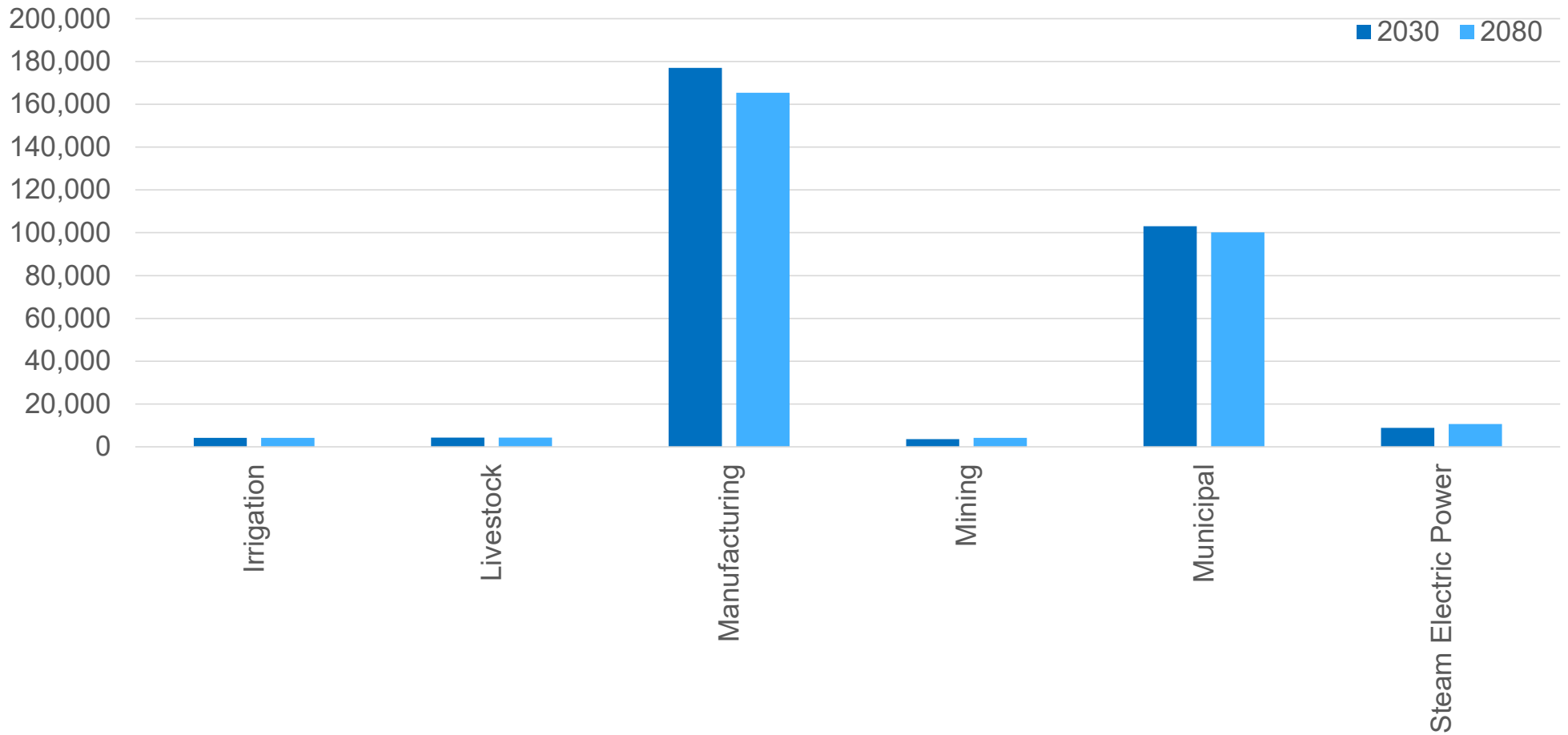
- Seller may have contracts for water that exceeds the amount of projected demand.
- Example - Riverbend WRD is related to contracts with TexAmericas Center and supply limitations.

*If WWP is also a WUG, projected amount includes WUG's identified need.

Supply Surplus by County (2030 & 2080; ac-ft)



Projected Surplus by WUG Category (2030 & 2080)



Recommend maintaining language from 2021 Plan

Avoid unduly constraining projects or applications for “small amounts of water”

Those that may not be specifically included in the adopted plan

“Small amounts of water” $\leq 1,000$ ac-ft/yr, regardless of whether action is temporary or long-term

Provide direction to TCEQ and TWDB that such projects are consistent with the Plan, even though not specifically recommended in the Plan.

8

Ecologically Unique Stream Segments, Unique Reservoir Sites, and Legislative Recommendations

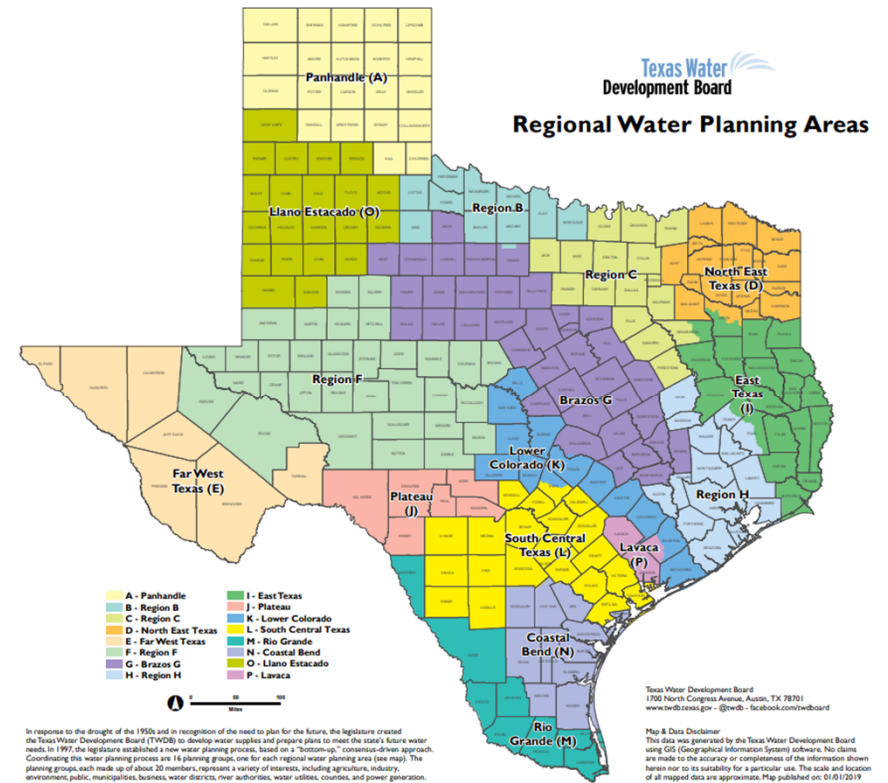
4 Sections in Chapter 8

1. Ecologically Unique Stream Segments
 - *Criteria*
 - *Candidate segments*
 - *Conflicts with WMSs*
 - *Recommendations*
 - *Considerations*

2. Voluntary Instream Flow Goals and Proposals
 - *Cypress Creek*
 - *Sulphur*

3. Unique Reservoir Sites
 - ÷ *By Basin*
 - ÷ *Recommendations*
 - ÷ *EPA and USACE*
 - ÷ *Environmental Flows*

4. Legislative Recommendations
 - *Marvin Nichols*
 - *Regulatory*
 - *Administrative*
 - *Planning*
 - *Conservation*



Conditionally Recommended Ecologically Unique Stream Segments

Red River Basin

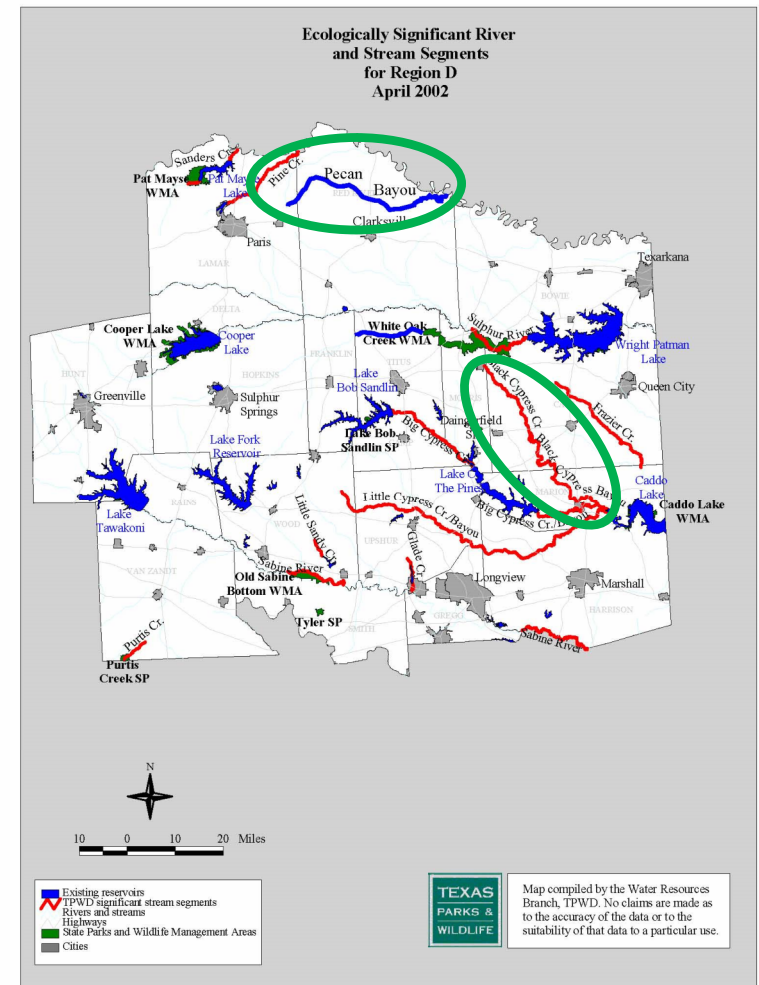
- Pecan Bayou

Cypress Creek Basin

- Black Cypress Bayou
- Black Cypress Creek

Concerns on Unconditional Designation

- Potential impacts to private property owners;
- Insufficient information regarding effect of designation



Conditions

A provision affirming that the only constraint that may result from the ecologically unique stream segment designation is that constraint described in the Texas Water Code, Subsection 16.051(f), which prohibits a state agency or political subdivision of the state from financing the construction of a reservoir in a designated stream segment.

A provision stating that the constraint described in Subsection 16.051(f) Water Code does not apply to a weir, diversion, flood control, drainage, water supply, or recreation facility currently owned by a political subdivision.

A provision stating that this designation will not constrain the permitting, financing, construction, operation, maintenance, or replacement of any water management strategy recommended, or designated as an alternative, to meet projected needs for additional water supply in the 2021 Regional Water Plan for the North East Texas Water Planning Region.

A provision affirming that this designation is not related to the “wild and scenic” federal program or to any similar initiative that could result in “buffer zones,” inadvertent takings, or overreaching regulation.

A provision stating that all affected landowners shall retain all existing private property rights.

A provision recognizing that the unique ecological value of the designated segment is due, in part, to the conscientious, voluntary stewardship of many landowners on the adjoining properties.



Voluntary Instream Flow Goals

One of the TWDB's "Guiding Principles

Consideration of **environmental water needs, including instream flows** and bay and estuary inflows, including adjustments by the [RWPGs] to water management strategies to provide for environmental water needs including instream flows and bay and estuary needs.

Consideration shall be consistent with the Commission's adopted environmental flow standards under 30 TAC Chapter 298 in basins where standards have been adopted.....(31 TAC §358.3(23), emphasis added.)

What are Instream Flows?

- Flow of water (both quantity and timing) needed to maintain ecologically healthy streams and rivers.

How are they addressed in Regional Planning?

- Contemplated and applied using Consensus Planning Criteria on WMSs.
- Addressed in more detail starting in 2016 Plan, including application of adopted Instream Flow Standards from Senate Bill 3 process where adopted.

Senate Bill 3 (2007 Tx. Leg.)

- Provided for development of environmental flow standards (Sabine, Neches, Trinity basins)
- Did not establish schedule for Cypress Creek, Red, or Sulphur River Basins
- Does not prohibit, for those unlisted basins:
 - “...[A]n effort to develop information on environmental flow needs and ways in which those needs can be met by a voluntary consensus-building process.” (TWC 11.02362(e))

Summary of Recommendations on Instream Flows

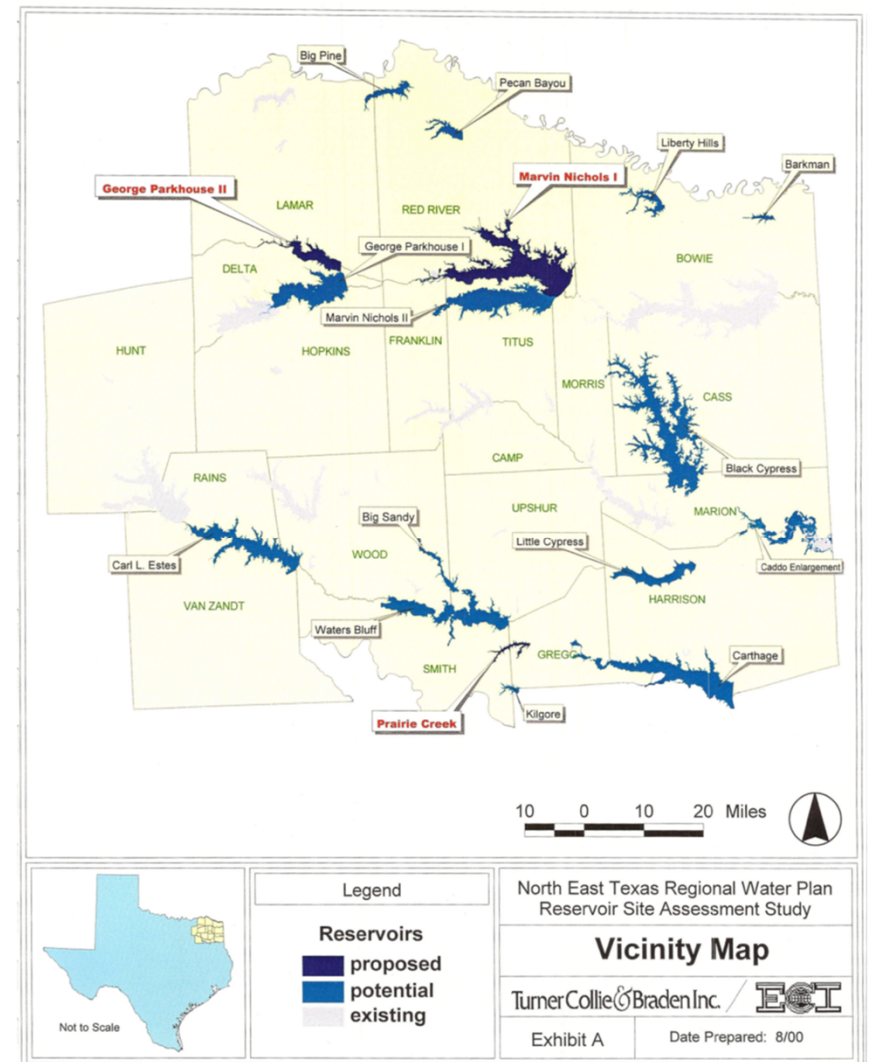
Cypress Creek Basin	Presents discussion on voluntary process in basin. The flow regimes for the Cypress Basin report are incorporated into the regional water plan as voluntary goals for instream flows in that basin.	
Sulphur River Basin	Presents material presented by Trungale (2015) as point of reference for voluntary instream flow regime, noting no similar voluntary process or SB 3 process has yet to occur in the basin. Recommends that no new reservoir development should take place until the State has identified environmental flow needs for the Sulphur River consistent with SB 3.	All language consistent with 2021 Region D Plan.



Unique Reservoir Sites

Designation of Reservoir Sites

- Does not recommend the designation of unique reservoir sites, except:
 - Endorsement of recommendation in the adopted Comprehensive Sabine Watershed Management Plan that Sabine River Authority develop Prairie Creek Reservoir.



Overall Recommendations on Unique Reservoir Site Identification, Development, and Reservoir Site Preservation

<p>On TAC with regard to Reservoir Development</p>	<p>Position that there will be unavoidable impacts on agricultural resources should there be further development of new reservoirs in the Sulphur River Basin, and such new reservoirs would not be protective of the agricultural and natural resources in the region. Indicates this violates TAC Guidance Principles pertaining to planning. Opposes development of such reservoirs unless it is demonstrated that there will be no significant adverse impacts on the water, agricultural, and environmental resources within the North East Texas Region and the state.</p>	
<p>On Unique Reservoir Site Identification and Preservation</p>	<p>Recommends that any new reservoirs in Region D be pursued only after all other viable alternatives have been exhausted. Recommends no reservoir sites in the North East Texas Region be designated as unique reservoir sites in this plan or in the 2022 State Water Plan, excepting that the NETRWPG does not challenge Marvin Nichols Reservoir as a unique reservoir site for the purposes of this Plan and the 2027 State Water Plan.</p> <p>Includes recommendations for items to be instituted when a unique reservoir site is considered, and supports full application of criteria for evaluating authorization of interbasin transfers contained in current state law. Recommends a portion of the firm yield of projects in Region D contemplating interbasin transfers be reserved for future use within the basin of origin.</p> <p>Endorses SRA development of Prairie Creek Reservoir.</p>	<p>All language consistent with 2021 Region D Plan.</p>
<p>On EPA and USACE</p>	<p>Recommends the Wetlands Compensatory Mitigation Rule be closely followed to minimize any impact on the region through the consideration of reservoirs and the mitigation thereof. Strongly supports "avoid, minimize, and compensate" should any new reservoirs in Region D be pursued.</p>	



Legislative Recommendations

Summary of Legislative Recommendations

<p>Marvin Nichols Reservoir Sites</p>	<p>For the purposes of the 2016 Region D Plan, Region D continued to oppose Marvin Nichols Reservoir, but did not challenge Marvin Nichols Reservoir as a unique reservoir site for the purposes of that plan.</p> <p>Based on the reasons set forth..., it has been the position of the NETRWPG that Marvin Nichols reservoir should not be included in the 2022 State Water Plan as a water management strategy. Region D continues to oppose Marvin Nichols Reservoir, but is willing to work with other regions to obtain water supplies from the Sulphur River Basin that do not involve new reservoir construction. As noted previously, the NETRWPG does not challenge Marvin Nichols Reservoir as a unique reservoir site for the purposes of this Plan.</p>	<p>Language consistent with 2021 Region D Plan.</p>
<p>The Growth of Giant Salvinia</p>	<p>Recommends available State funds be dedicated to the control of Giant Salvinia, and provision of additional resources, e.g., legislation to support control efforts and prevent distribution of Giant Salvinia. Further recommends approval of legislation to assist local and state officials in controlling spread and elimination.</p> <p>Recommends local and state governments adopt a list of measures to research, educate, manage, monitor, and report on Giant Salvinia.</p>	
<p>Toledo Bend Reservoir and Pipeline</p>	<p>Requested by SRA in 2016 Plan, recommends Toledo Bend be designated a supply strategy for meeting the upper Sabine Basin needs within Region D, and as a supply option for Region C.</p>	
<p>Concerning Oil and Gas Wells</p>	<p>Recommends Texas Railroad Commission review the practices and regulations concerning the protection of the freshwater supply located in the aquifers that supply much of East Texas with fresh water as to the regulation of the drilling, maintaining, and plugging of oil or gas wells with regards to public fresh water supply wells.</p>	
<p>Concerning Mitigation</p>	<p>Recommends that any planning group or entity proposing a new reservoir or any other water management strategy should address the subject of mitigation in conjunction with any and all feasibility studies.</p> <p>Provides discussion on evolving rules and methods for accomplishing mitigation.</p> <p>Further recommends that future mitigation strongly consider utilization of land that may have previously been a functional wetland. An emphasis on restoration of wetland functions can be of more significant benefit than preservation of existing functions, and could be accomplished through the use of marginal farmland or low-lying areas for mitigation purposes.</p>	

Summary of Legislative Recommendations

Future Interbasin Transfers from the North East Texas Region	Presents discussion on consideration of impacts to basin and region of origin during the evaluation of interbasin transfers of water.	Language consistent with 2021 Region D Plan.
Designation of Wholesale Water Providers	<p>Supports the designation of a Wholesale Water Provider as described in TAC §357.10(44). Supports designation of WWP for an entity within Region D depending upon a written request from that entity to Region D that demonstrates said entity has entered or the RWPG expects or recommends to enter into contracts to sell more than 1,000 ac-ft of water wholesale during the period covered by the Plan, including the designation of expected demand and the expected supply.</p> <p>Further notes that Region D expects that the water supply out of Lake Wright Patman will continue to be with Texarkana and Riverbend Water Resources District control as Wholesale Water Providers.</p>	Language updated to align with present TAC definition of WWP.
Future Water Needs	Discusses potential policy recommendation regarding the definition of "need" in the basin of origin being broadened to testing for need throughout the region of origin, not just the basin of origin.	Language consistent with 2021 Region D Plan.
Economic and Environmental Impacts	Recommends considering potential economic and environmental impacts associated with reservoir development.	
Compensation for Reservoir Development and Interbasin Transfers	Given the significance and implications of new reservoir development and future interbasin transfers across regional lines, the NETRWPG should consider adopting a policy statement addressing the issue of future water needs within the basins of origin and/or within the North East Texas Region as a whole, economic and environmental impacts of reservoir development, and inter-regional equity and compensation issues. It should be noted the issue of compensation is applicable to all reservoir development whether an interbasin transfer is contemplated or not.	

Summary of Legislative Recommendations

<p>Conversion of Public Water Supplies to Surface Water from Groundwater</p>	<p>Summarizes significant reliance in Region D on local groundwater supplies, noting limitations in some areas of the region in groundwater supplies meeting future projected demands. Notes that building regional water supply systems may offer potential for significant cost saving in acquiring new surface water supplies and improving the reliability and quality of supplies, and such an option should be evaluated by local water providers on a case-by-case basis.</p>	
<p>Texas Commission on Environmental Quality Regulations</p>	<p>Summarizes regional issues with TCEQ minimum requirement of 0.6 gpm per connection for public drinking water systems, issues with MTBE and other contaminants and their potential effects upon water supply, and recommends consistency between TWDB rules for regional water supply planning and TCEQ rules for drinking water systems with regard to minimum requirements for water supply; and that TCEQ should expedite the effort to replace MTBE in reformulated gasoline with additives that do not pose a risk to drinking water supplies.</p>	<p>Language consistent with 2021 Region D Plan.</p>
<p>Improvements to the Regional Water Planning Process</p>	<ul style="list-style-type: none"> a) Recommends that TWDB should revise procedures for calculating water demand reduction projections contained in its conservation scenarios by recognizing a floor for the application of demand reduction for rural and small city areas where the per capita water consumption levels are already very low. b) Recommends that TWDB allow the RWPGs to establish individual regional thresholds of gpcd for a given region. c) Recommends additional funding to allow for greater analysis of water supply entities at Sub-WUG level. d) Recommends legislature initiate a process through TCEQ to update Sabine and Cypress WAMs. 	<p>Language in (d) updated to reflect recent official activities on Sulphur and Cypress WAM updates..</p>
<p>Wright Patman Lake/Reservoir</p>	<p>Recommends that before any new reservoirs are planned in the North East Texas Water Planning Area, the alternative of raising the level of the Wright Patman Lake/Reservoir be considered.</p>	<p>Language consistent with 2021 Region D Plan.</p>
<p>Standardize Statistics for Conservation Assessments</p>	<p>Recommends legislature standardize the method used to derive gpcd.</p>	<p>Language consistent with 2021 Region D Plan.</p>

Item Discussion – Ecologically Unique Stream Segments

Ecologically Unique Stream Segments

- Does the NETRWPG support not recommending that any stream segment be unconditionally designated as Ecologically Unique in this region?
- Does the NETRWPG support a conditional recommendation (using the aforementioned conditions) for:
 - Pecan Bayou in the Red River Basin;
 - Black Cypress Bayou in the Cypress Creek Basin;
 - Black Cypress Creek in the Cypress Creek Basin;

Instream Flows

- Does the NETRWPG support the proposed language regarding the identification of voluntary instream flow goals for the Cypress Creek and Sulphur River Basins?
- Does the NETRWPG support the proposed language regarding the need for a SB 3 process for the Sulphur Basin prior to development of new reservoirs in that basin?

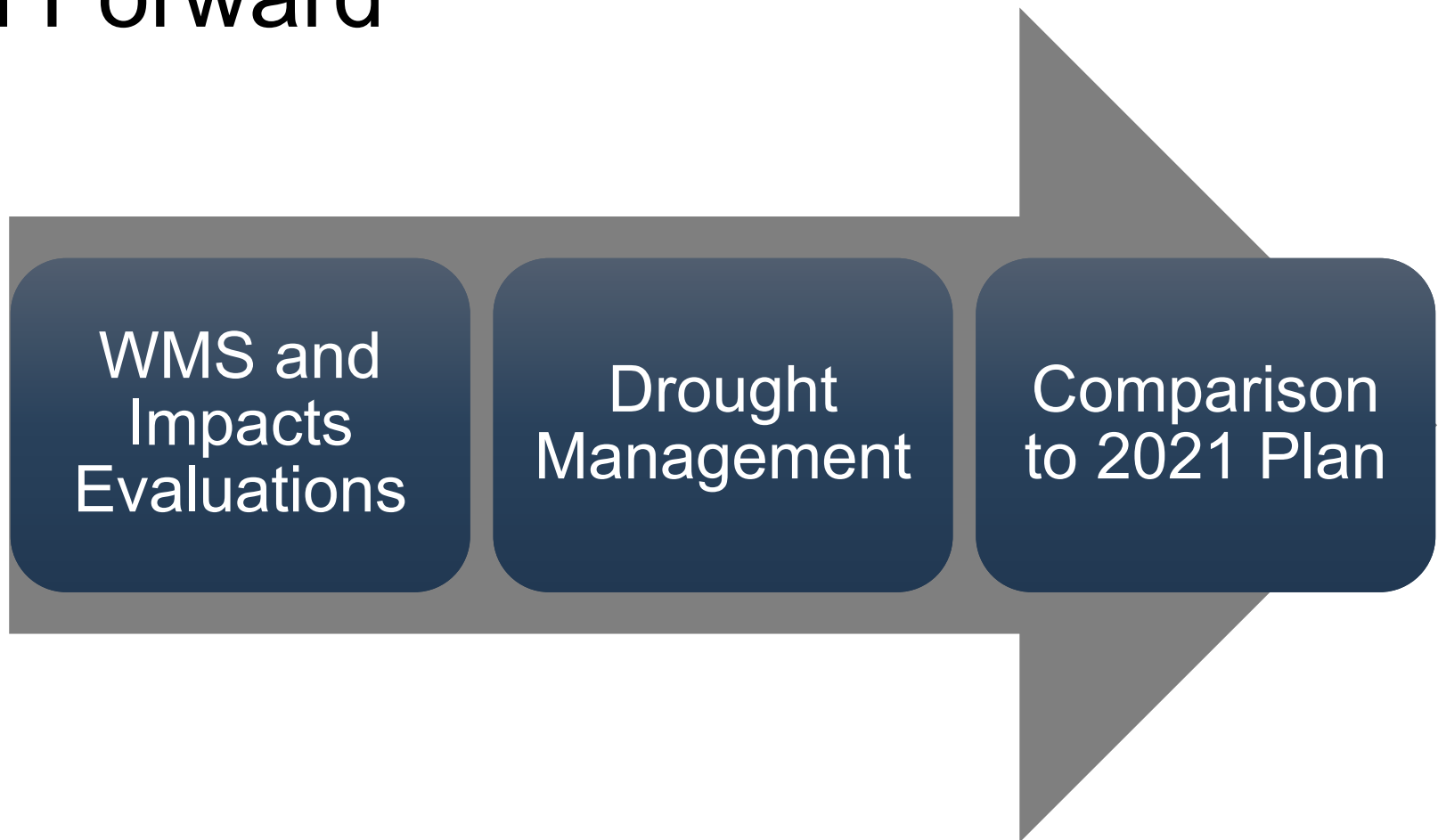
Unique Reservoir Sites

- Does NETRWPG support no recommendation for designation of unique reservoir sites, except:
 - Endorsement of recommendation in the adopted Comprehensive Sabine Watershed Management Plan that Sabine River Authority develop Prairie Creek Reservoir.

Legislative Recommendations

- Does the NETRWPG support the legislative recommendations as summarized here and presented in the Draft Chapter 8?
 - Modifications to present language?
 - Additional items for consideration and possible inclusion?

Path Forward



Summary

No formal action requested on Chapter Language, but continuing to seek input on recommendations.

Note that:

Language and data regarding recommendations may be revised by NETRWPG action at a later date;

Pending consideration and approval of the Initially Prepared Plan and Final 2026 Region D Water Plan

Summary of Requested Action

- *Recommend NETRWPG take action to approve the submittal of a request to the Texas Water Development Board for review of the NETRWPG's proposed methodology for the determination of groundwater availability and resultant availabilities, consistent with TAC §357.32(d)(2), and to revise methodology as appropriate based upon TWDB input in coordination with Chair and Administrator.*

Tony L. Smith, P.E.
TLSmith@carollo.com



**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, September 18, 2024**

**Agenda Item 10
Financial Report**

June 10, 2024

Mr. Kyle Dooley, P.E.
Executive Director/CEO
228 Texas Ave., Suite A
New Boston, TX 75570

RE: March 2024 Invoice – 2026 Region D Water Planning
(TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed during March 2024, under the above referenced contract. The Carollo Team has been working on the following items for the 2026 Region D Regional Water Plan:

Task No.	Task Description	Current Progress	Future Progress	Problems Encountered/Resolution
1	Planning Area Description	Continued development of information and draft chapter.	Refinements based on comments received.	n/a
2A	Non-Municipal Water Demand Projections	n/a	Preparation of draft chapter.	None.
2B	Population and Municipal Water Demand Projections	n/a	Preparation of draft chapter.	None.
3	Water Supply Analyses	Continued supply allocations, data entry, coord. of groundwater analyses.	Continued supply allocations, data revisions, continued groundwater analyses.	None.
4A	Water Needs Analysis	Preliminary needs assessments.	Continued characterization of needs by WUG and WWP/MWP.	None.
4B	Identification of Infeasible Water Management Strategies in the previously adopted 2021 Regional Water Plan	Finalization of supporting documentation.	Responses to TWDB comment if received.	None.
4C	Technical Memorandum	Submittal of required supplemental material and TM.	Responses to TWDB comment if received.	None.
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	n/a	n/a	n/a
10	Public Participation and Plan Adoption	Continued internal project coordination and engagement with WUG and WWPs, prep and participation in RWPG mtg.	Continued engagement.	None.

Should you have any questions regarding this matter, please don't hesitate to contact me.

Sincerely,

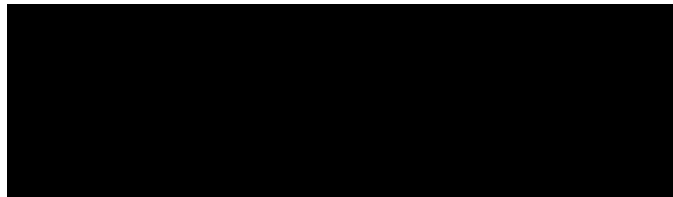
Carollo Engineers, Inc.



Tony L. Smith, P.E.
Project Manager

TLS;

Enclosures



Attn: Mr. Kyle Dooley, P.E., Executive Director/CEO
 228 Texas Ave., Suite A
 New Boston, TX 75570

June 10, 2024
 Project No.: 200343
 Invoice No.: FB50298

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)
 Total Contract: \$580,747

Professional Services from March 01, 2024 to March 31, 2024

Task 1	000010	Planning Area Description		
Professional Personnel				
		Hours	Rate	Amount
Project Professional	Smith, Tony	1.0	86.05	86.05
Professional	Pinckney, Michael	5.0	73.72	368.60
Technicians	Jadhav, Riya	0.5	45.96	22.98
	Totals	6.50		477.63
		Fringe Overhead	477.63	716.44
			716.44	1,419.52
	Total Labor			1,419.52
Additional Fees				
Profit				128.97
	Total Additional Fees			128.97
Billing Limits				
Total Billings		Current	Prior	To Date
Limit		1,548.49	2,128.99	3,677.48
Remaining				13,796.00
				10,118.52
Task Total				\$ 1,548.49

Task 3	000030	Water Supply Analyses		
Professional Personnel				
		Hours	Rate	Amount
Professional	Pinckney, Michael	2.0	73.72	147.44
Technicians	Jadhav, Riya	1.5	45.96	68.94
	Totals	3.5		216.38
		Fringe Overhead	216.38	324.57
			324.57	643.08
	Total Labor			643.08
Additional Fees				
Profit				58.43
	Total Additional Fees			58.43
Billing Limits				
Total Billings		Current	Prior	To Date
Limit		701.51	71,118.99	71,820.50
Remaining				82,230.00
				10,409.50
Task Total				\$ 701.51

Task 4A 00004A Water Needs Analysis

Professional Personnel

		Hours	Rate	Amount
Project Professional				
	Smith, Tony	7.0	86.05	602.40
Professional				
	Pinckney, Michael	4.0	73.72	294.88
Document Processing/Clerical				
	Thompson, Chris	9.5	39.48	375.08
	Totals	20.5		1,272.36
			Fringe	1,272.36
			Overhead	1,908.53
				3,781.43

Total Labor 3,781.43

Additional Fees

Profit				343.57
	Total Additional Fees			343.57
				343.57

Billing Limits

	Current	Prior	To Date
Total Billings	4,125.00	139.49	4,264.49
Limit			15,000.00
Remaining			10,735.51

Task Total \$ 4,125.00

Task 4B 00004B Identification of Infeasible Water Management Strategies in the previously adopted 2021 Regional Water Plan

Professional Personnel

		Hours	Rate	Amount
Project Professional				
	Smith, Tony	2.0	86.05	172.11
	Totals	2.0		172.11
			Fringe	172.11
			Overhead	258.17
				511.52

Total Labor 511.52

Additional Fees

Profit				46.48
	Total Additional Fees			46.48
				46.48

Billing Limits

	Current	Prior	To Date
Total Billings	558.00	11,020.47	11,578.47
Limit			11,652.00
Remaining			73.53

Task Total \$ 558.00

Task 4C 00004C Technical Memorandum

Professional Personnel

		Hours	Rate	Amount
Document Processing/Clerical				
	Ward, Angela	1.0	39.48	39.48
	Butler, Katy	1.5	39.48	59.22
	Totals	2.5		98.70
			Fringe	98.70
			Overhead	148.05
				293.34

Total Labor 293.34

Additional Fees

Profit				26.65
	Total Additional Fees			26.65
				26.65

Billing Limits	Current	Prior	To Date
Total Billings	319.99	15,522.47	15,842.46
Limit			16,174.00
Remaining			331.54

Task Total **\$ 319.99**

Task 10 000100 Public Participation and Plan Adoption

Professional Personnel

	Hours	Rate	Amount	
Project Professional				
Smith, Tony	6.0	86.05	516.34	
Technicians				
Jadhav, Riya	0.5	45.96	22.98	
Brucker, Carli	0.5	45.96	22.98	
Nocera, Karly	1.0	45.96	45.95	
Totals	8.0		608.25	
		Fringe	608.25	912.38
		Overhead	912.38	1,807.74
Total Labor				1,807.74

Additional Fees

Profit			164.25	
Travel - Company Vehicle	<u>Quantity</u>	<u>Rate</u>		
Mileage	672	0.67	450.24	
Total Additional Fees			614.49	614.49

Billing Limits	Current	Prior	To Date
Total Billings	2,422.23	50,942.79	53,365.02
Limit			136,131.00
Remaining			82,765.98

Task Total **\$ 2,422.23**

Project Total **\$ 9,675.22**

Project 200343.0S 2026 Region D - SUBS

TASK 3 000030 Water Supply Analyses

Consultants

Sub-Consultants				
	2/29/2024	AGS, LLC.	VO1068063	4,585.84
Total Consultants				4,585.84 \$ 4,585.84

Task Total **\$ 4,585.84**

TASK 4B 00004B Identification of Infeasible Water Management Strategies
in the previously adopted 2021 Regional Water Plan

Consultants

Sub-Consultants				
	2/29/2024	AGS, LLC.	VO1068063	2,499.84
Total Consultants				2,499.84 \$ 2,499.84

Task Total **\$ 2,499.84**

TASK 4C 00004C Technical Memorandum

Consultants

Sub-Consultants

2/29/2024 AGS, LLC. VO1068063 2,499.84
Total Consultants **2,499.84** \$ **2,499.84**

Task Total \$ **2,499.84**

TASK 10 000100 Public Participation and Plan Adoption

Consultants

Sub-Consultants

2/29/2024 AGS, LLC. VO1068063 992.96
Total Consultants **992.96** \$ **992.96**

Task Total \$ **992.96**

Subconsultant Total \$ **10,578.48**

Billing Limits

	Current	Prior	To-Date
Total Billings	10,578.48	84,688.65	95,267.13
Limit			195,043.00
Remaining			99,775.87

Project Total \$ **20,253.70**

Retainage

Current Retainage	1,012.69 (5% of 20,253.70)	- 1012.69
Prior Retainage	14,654.35	
Retainage To-Date	15,667.04	

Please Pay This Amount \$ 19,241.01

Budget Category Breakdown

Salaries & Wages	2,845.43
Fringe	1,422.71
Overhead	4,188.49
Profit	768.35
Travel	450.24
Other Expenses	0.00
Subcontractor Services	10,578.48
Total	20,253.70
Retainage	- 1012.69
Total	19,241.01

Project Summary

Contract Amount	580,747.00
Less Current Invoice	19,241.01
Less Total Retainage to Date	15,667.04
Less Prior Amount Invoiced	278,432.89
Balance Remaining	267,406.06

Remit To: P.O. Box 30835 | Salt Lake City, UT 84130-0835 | United States
Phone: 1-800-523-5822

Outstanding Invoices

Number	Date	Balance	Retainage	Now Due
FB47543	2/29/2024	67,214.66	3,537.61	67,214.66
FB48736	3/14/2024	52,134.06	2,743.90	52,134.06
Total		119,348.72	6,281.51	119,348.72

For any questions regarding this invoice please contact us at ClientInvoicing@carollo.com.



Employee Expense Report Backup

Employee: 05710 - Tony L Smith

Expense Report Dates: 3/31/2024 - 3/31/2024

Expense Report: ER0000040762 - 1.22.24 Report

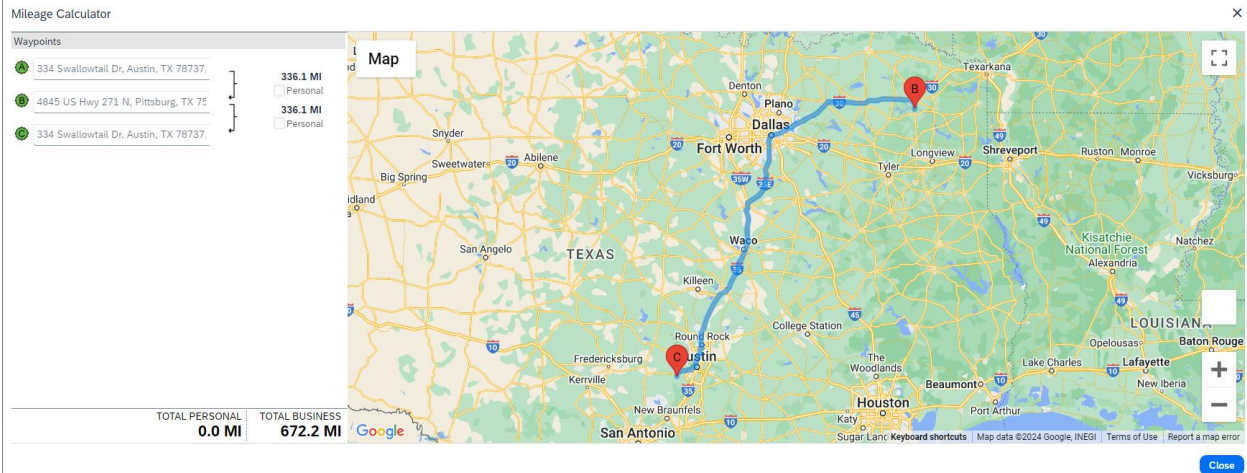
Posting Date: 4/30/2024

Project: 200343 - 2026 Region D Water Plan

Client: 10942 - Riverbend Water Resources District

Transaction Details

Sequence	Date	Category	Project	Task Hierarchy	Location	Receipt	Currency	Quantity	Amount
16	3/31/2024	Personal Car Mileage 2024-02-21	200343	000000.000100	Texas		USD	672.00	450.24
								Total	450.24



TLS mileage for 2/21/24 RWPG mtg.



March 15, 2024

Attn: Accounts Payable
Carollo Engineers, Inc.
4600 W. Washington St., Ste. 500
Phoenix, AZ 85034

RE: February 2024 Invoice – 2026 Region D Water Planning
(TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Tony,

Please find the attached invoice for services performed in February 2024, under the above referenced contract. AGS has been working on the following items for the development of the 2026 Region D Water Plan.

Task No.	Task Description	Current Progress	Future Progress	Problems Encountered/Resolution
1	Planning Area Description			
2A	Non-Municipal Water Demand Projections			
2B	Population and Municipal Water Demand Projections			
3	Water Supply Analyses	Assess MAGs and NonMAG Availability	Refine groundwater availability estimates.	
4A	Identification of Water Needs			
4B	Identification of Infeasible Water Management Strategies	Reviewing strategies		
4C	Prepare and Submit Technical Memorandum	Review and modify text and approaches		
5A	Identification of Potentially Feasible Water Management Strategies and Water Management Strategy Projects			
5B	Evaluation and Recommendation of Water Management Strategies and Water Management Strategy Projects			
5C	Water Conservation Recommendations			
6	Impacts of Regional Water Plan			
7	Drought Response, Activities & Recommendations			
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues			
9	Implementation and Comparison to the Previous Regional Water Plan			
10	Public Participation and Plan Adoption	Continued internal project coordination, Pittsburg meeting	project coordination and engagement	

Should you have any questions regarding this matter, please don't hesitate to contact me (512) 796-8636.

Sincerely,

Advanced Groundwater Solutions, LLC

James Beach
Principal

AGS Budget Summary

Feb-2024

Regional Water Plan for the Region D Regional Water Planning Group (Region D RWP)

Task No.	Task Description	Approved Budget	Total Invoiced to Date	Previously Invoiced	% Complete to Date	Current Invoice
1	Planning Area Description	\$ 1,000.00	\$ -	\$ -	0.00%	\$ -
2A	Non-Municipal Water Demand Projections					
2B	Population and Municipal Water Demand Projections					
3	Water Supply Analyses	\$ 20,808.00	\$ 9,516.64	\$ 4,930.80	45.74%	\$ 4,585.84
4A	Identification of Water Needs					
4B	Identification of Infeasible Water Management Strategies	\$ 2,500.00	\$ 2,499.84	\$ -	99.99%	\$ 2,499.84
4C	Prepare and Submit Technical Memorandum	\$ 2,500.00	\$ 2,499.84	\$ -	99.99%	\$ 2,499.84
5A	Identification of Potentially Feasible Water Management Strategies and Water Management Strategy Projects	\$ 5,000.00	\$ -	\$ -	0.00%	
5B	Evaluation and Recommendation of Water Management Strategies and Water Management Strategy Projects					
5C	Water Conservation Recommendations					
6	Impacts of Regional Water Plan					
7	Drought Response, Activities & Recommendations	\$ 9,000.00	\$ -	\$ -	0.00%	
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues					
9	Implementation and Comparison to the Previous Regional Water Plan					
10	Public Participation and Plan Adoption	\$ 8,666.00	\$ 992.96	\$ -	11.46%	\$ 992.96
Total		\$ 49,474.00	\$ 15,509.28	\$ 4,930.80	31.35%	\$ 10,578.48



Attn: Accounts Payable
 Carollo Engineers, Inc.
 4600 W. Washington St., Ste. 500
 Phoenix, AZ 85034

March 15, 2024
 AGS Project No.: P65
 Carollo Project No.: 200343
 AGS Invoice No.: 13426

Regional Water Plan for the Brazos D Regional Water Planning Group (Region D RWP)
 Total Contract: \$49,474.00

Professional Services from February 01, 2024 to February 29, 2024

Task 1	000010	Planning Area Description		
Professional Personnel				
		Hours	Rate	Amount
Senior Professional			95.00	0.00
	James Beach	0.00	100.00	0.00
			100.00	0.00
Project Professional			76.00	0.00
		0.00	80.00	0.00
Professional		0.00	70.00	0.00
		0.00	70.00	0.00
		0.00	70.00	0.00
Technicians		0.00	40.00	0.00
		0.00	40.00	0.00
Document Processing/Clerical		0.00	30.00	0.00
		0.00	30.00	0.00
		0.00	30.00	0.00
	Totals	0.00		0.00
			Fringe	0.00
			Overhead	0.00
	Total Labor			0.00
Additional Fees				0.00
Profit				0.00
	Total Additional Fees			0.00
Billing Limits	Current	Prior	To Date	
Total Billings	0.00	0.00	0.00	
Limit			1,000.00	
Remaining			1,000.00	
Task Total				\$ -

Task 2A 00002A
Professional Personnel

Non-Municipal Water Demand Projections

	Hours	Rate	Amount	
Senior Professional	0.0	100.00	0.00	
	0.0	100.00	0.00	
	0.0	100.00	0.00	
Project Professional	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
Professional	0.0	70.00	0.00	
	0.0	70.00	0.00	
	0.0	70.00	0.00	
Technicians	0.0	40.00	0.00	
	0.0	40.00	0.00	
Document Processing/Clerical	0.0	30.00	0.00	
	0.0	30.00	0.00	
	0.0	30.00	0.00	
	0.0	30.00	0.00	
Totals	0.00		0.00	
		Fringe	0.00	0.00
		Overhead	0.00	0.00
Total Labor				0.00
Additional Fees				
Profit			0.00	
Total Additional Fees			0.00	0.00
Billing Limits	Current	Prior	To Date	
Total Billings	0.00	0.00	0.00	
Limit			0.00	
Remaining			0.00	

Task Total \$ -

Task 2B 00002B
Professional Personnel

Population and Municipal Water Demand Projections

	Hours	Rate	Amount
Senior Professional	0.0	100.00	0.00
	0.0	100.00	0.00
	0.0	100.00	0.00
Project Professional	0.0	80.00	0.00
	0.0	80.00	0.00
	0.0	80.00	0.00
	0.0	80.00	0.00
Professional	0.0	70.00	0.00
	0.0	70.00	0.00
	0.0	70.00	0.00

Technicians		0.0	40.00	0.00
		0.0	40.00	0.00
Document Processing/Clerical		0.0	30.00	0.00
		0.0	30.00	0.00
		0.0	30.00	0.00
		0.0	30.00	0.00
	Totals	0.00		0.00
			Fringe 0.00	0.00
			Overhead 0.00	0.00
	Total Labor			0.00
Additional Fees				
Profit				0.00
	Total Additional Fees			0.00
				0.00
Billing Limits	Current	Prior	To Date	
Total Billings	0.00	0.00	0.00	
Limit				
Remaining			0.00	

----- Task Total -----

\$ -

Task 3	000030	Water Supply Analyses		
Professional Personnel				
		Hours	Rate	Amount
Senior Professional				
James Beach		7.40	95.00	703.00
		0.00	100.00	0.00
		0.00	100.00	0.00
Project Professional				
Andrew Donnelly		12.30	76.00	934.80
		0.00	80.00	0.00
		0.00	80.00	0.00
		0.00	80.00	0.00
Professional				
		0.00	47.00	0.00
		0.00	70.00	0.00
		0.00	70.00	0.00
Technicians				
		0.00	40.00	0.00
		0.00	40.00	0.00
Document Processing/Clerical				
		0.00	30.00	0.00
		0.00	30.00	0.00
		0.00	30.00	0.00
		0.00	30.00	0.00
	Totals	19.70		1637.80
			Fringe 1,637.80	2,063.63
			Overhead 2,063.63	4,094.50
	Total Labor			4,094.50
Additional Fees				

Profit				491.34	
	Total Additional Fees			491.34	491.34
Billing Limits	Current	Prior	To Date		
Total Billings	4,585.84	4,930.80	9,516.64		
Limit			20,808.00		
Remaining			11,291.36		

Task Total \$ 4,585.84

Task 4A 00004A Identification of Water Needs

Professional Personnel		Hours	Rate	Amount	
Senior Professional		0.0	100.00	0.00	
		0.0	100.00	0.00	
		0.0	100.00	0.00	
Project Professional		0.0	80.00	0.00	
		0.0	80.00	0.00	
		0.0	80.00	0.00	
		0.0	80.00	0.00	
Professional		0.0	70.00	0.00	
		0.0	70.00	0.00	
		0.0	70.00	0.00	
Technicians		0.0	40.00	0.00	
		0.0	40.00	0.00	
Document Processing/Clerical		0.0	30.00	0.00	
		0.0	30.00	0.00	
		0.0	30.00	0.00	
		0.0	30.00	0.00	
	Totals	0.00		0.00	
			Fringe	0.00	0.00
			Overhead	0.00	0.00
	Total Labor				0.00
Additional Fees					
Profit				0.00	
	Total Additional Fees			0.00	0.00

Billing Limits	Current	Prior	To Date	
Total Billings	0.00	0.00	0.00	
Limit			0.00	
Remaining			0.00	

Task Total \$ -

Task 4B 00004B Identification of Infeasible Water Management Strategies

Professional Personnel		Hours	Rate	Amount
Senior Professional				
James Beach		6.5	100.00	650.00
		0.0	100.00	0.00
		0.0	100.00	0.00

Project Professional					
Andy Donnelly	3.04	80.00		242.80	
	0.0	80.00		0.00	
	0.0	80.00		0.00	
	0.0	80.00		0.00	
Professional					
	0.0	70.00		0.00	
	0.0	70.00		0.00	
	0.0	70.00		0.00	
Technicians					
	0.0	40.00		0.00	
	0.0	40.00		0.00	
Document Processing/Clerical					
	0.0	30.00		0.00	
	0.0	30.00		0.00	
	0.0	30.00		0.00	
	0.0	30.00		0.00	
Totals	9.54			892.80	
		Fringe	892.80	1,124.93	
		Overhead	1,124.93	2,232.00	
Total Labor					2,232.00
Additional Fees					
Profit				267.84	
Total Additional Fees				267.84	267.84
Billing Limits	Current	Prior	To Date		
Total Billings	2,499.84	0.00	0.00		
Limit			2,500.00		
Remaining			0.16		
Task Total					\$ 2,499.84

Task 4C	00004C	Prepare and Submit Technical Memorandum			
Professional Personnel					
		Hours	Rate	Amount	
Senior Professional					
James Beach		3.00	100.00	300.00	
		0.0	100.00	0.00	
		0.0	100.00	0.00	
Project Professional					
Andrew Donnelly		7.41	80.00	592.80	
		0.0	80.00	0.00	
		0.0	80.00	0.00	
		0.0	80.00	0.00	
Professional					
		0.0	70.00	0.00	
		0.0	70.00	0.00	
		0.0	70.00	0.00	
Technicians					
		0.0	40.00	0.00	
		0.0	40.00	0.00	

Document Processing/Clerical		0.0	30.00	0.00	
		0.0	30.00	0.00	
		0.0	30.00	0.00	
		0.0	30.00	0.00	
Totals	10.41			892.80	
		Fringe	892.80	1,124.93	
		Overhead	1,124.93	2,232.00	
Total Labor					2,232.00
Additional Fees					
Profit				267.84	
Total Additional Fees				267.84	267.84
Billing Limits	Current	Prior	To Date		
Total Billings	2,499.84	0.00	0.00		
Limit			2,500.00		
Remaining			0.16		

Task Total

\$ 2,499.84

Task 5A 00005A Identification of Potentially Feasible Water Management Strategies and Water Management Strategy Projects

Professional Personnel

	Hours	Rate	Amount
Senior Professional	0.0	100.00	0.00
	0.0	100.00	0.00
	0.0	100.00	0.00
Project Professional	0.0	80.00	0.00
	0.0	80.00	0.00
	0.0	80.00	0.00
	0.0	80.00	0.00
Professional	0.0	70.00	0.00
	0.0	70.00	0.00
	0.0	70.00	0.00
Technicians	0.0	40.00	0.00
	0.0	40.00	0.00

Document Processing/Clerical

	0.0	30.00	0.00
	0.0	30.00	0.00
	0.0	30.00	0.00
	0.0	30.00	0.00
Totals	0.00		0.00
		Fringe	0.00
		Overhead	0.00

Total Labor 0.00

Additional Fees
Profit

Total Additional Fees 0.00 0.00

Billing Limits	Current	Prior	To Date
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Total Billings	0.00	0.00	0.00
Limit			5,000.00
Remaining			5,000.00

Task Total

\$ -

Task 5B	00005B	Evaluation and Recommendation of Water Management Strategies and Water Management Strategy Projects
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Professional Personnel	Hours	Rate	Amount	
Senior Professional	0.0	100.00	0.00	
	0.0	100.00	0.00	
	0.0	100.00	0.00	
Project Professional	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
Professional	0.0	70.00	0.00	
	0.0	70.00	0.00	
	0.0	70.00	0.00	
Technicians	0.0	40.00	0.00	
	0.0	40.00	0.00	
Document Processing/Clerical	0.0	30.00	0.00	
	0.0	30.00	0.00	
	0.0	30.00	0.00	
	0.0	30.00	0.00	
Totals	0.00		0.00	
		Fringe	0.00	0.00
		Overhead	0.00	0.00
Total Labor				0.00
Additional Fees Profit			0.00	
Total Additional Fees			0.00	0.00

Billing Limits	Current	Prior	To Date
Total Billings	0.00	0.00	0.00
Limit			0.00
Remaining			0.00

Task Total

\$ -

Task 5C	00005C	Water Conservation Recommendations
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Professional Personnel	Hours	Rate	Amount
Senior Professional	0.0	100.00	0.00
	0.0	100.00	0.00
	0.0	100.00	0.00
Project Professional	0.0	80.00	0.00
	0.0	80.00	0.00
	0.0	80.00	0.00

		0.0	80.00	0.00	
Professional		0.0	70.00	0.00	
		0.0	70.00	0.00	
		0.0	70.00	0.00	
Technicians		0.0	40.00	0.00	
		0.0	40.00	0.00	
Document Processing/Clerical		0.0	30.00	0.00	
		0.0	30.00	0.00	
		0.0	30.00	0.00	
		0.0	30.00	0.00	
	Totals	0.00		0.00	
			Fringe	0.00	0.00
			Overhead	0.00	0.00
	Total Labor				0.00
Additional Fees				0.00	
Profit				0.00	0.00
	Total Additional Fees			0.00	0.00
Billing Limits	Current	Prior	To Date		
Total Billings	0.00	0.00	0.00		
Limit			0.00		
Remaining			0.00		

Task Total

\$ -

Task 6 000060 Impacts of Regional Water Plan

Professional Personnel

	Hours	Rate	Amount
Senior Professional	0.0	100.00	0.00
	0.0	100.00	0.00
	0.0	100.00	0.00
Project Professional	0.0	80.00	0.00
	0.0	80.00	0.00
	0.0	80.00	0.00
	0.0	80.00	0.00
Professional	0.0	70.00	0.00
	0.0	70.00	0.00
	0.0	70.00	0.00
Technicians	0.0	40.00	0.00
	0.0	40.00	0.00
Document Processing/Clerical	0.0	30.00	0.00
	0.0	30.00	0.00
	0.0	30.00	0.00

Professional Personnel

	Hours	Rate	Amount	
Senior Professional	0.0	100.00	0.00	
	0.0	100.00	0.00	
	0.0	100.00	0.00	
Project Professional	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
Professional	0.0	70.00	0.00	
	0.0	70.00	0.00	
	0.0	70.00	0.00	
Technicians	0.0	40.00	0.00	
	0.0	40.00	0.00	
Document Processing/Clerical	0.0	30.00	0.00	
	0.0	30.00	0.00	
	0.0	30.00	0.00	
	0.0	30.00	0.00	
Totals	0.00		0.00	
		Fringe	0.00	0.00
		Overhead	0.00	0.00
Total Labor				0.00
Additional Fees			0.00	
Profit			0.00	
Total Additional Fees			0.00	0.00
Billing Limits	Current	Prior	To Date	
Total Billings	0.00	0.00	0.00	
Limit			0.00	
Remaining			0.00	

Task Total

\$ -

Task 9 000090 Implementation and Comparison to the
Previous Regional Water Plan

Professional Personnel

	Hours	Rate	Amount	
Senior Professional	0.0	100.00	0.00	
	0.0	100.00	0.00	
	0.0	100.00	0.00	
Project Professional	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
	0.0	80.00	0.00	
Professional	0.0	70.00	0.00	
	0.0	70.00	0.00	
	0.0	70.00	0.00	

Technicians		0.0	40.00	0.00
		0.0	40.00	0.00
Document Processing/Clerical		0.0	30.00	0.00
		0.0	30.00	0.00
		0.0	30.00	0.00
		0.0	30.00	0.00
	Totals	0.00		0.00
			Fringe 0.00	0.00
			Overhead 0.00	0.00
	Total Labor			0.00
Additional Fees				
Profit				0.00
	Total Additional Fees			0.00
Billing Limits	Current	Prior	To Date	
Total Billings	0.00	0.00	0.00	
Limit			0.00	
Remaining			0.00	

Task Total \$ -

Task 10 000100 Public Participation and Plan Adoption
Professional Personnel

	Hours	Rate	Amount
Senior Professional			
James Beach	2.00	95.00	190.00
	0.00	100.00	0.00
	0.00	100.00	0.00
Project Professional			
	0.00	80.00	0.00
	0.00	80.00	0.00
	0.00	80.00	0.00
	0.00	80.00	0.00
Professional			
		47.00	0.00
			0.00
	0.00	70.00	0.00
Technicians			
	0.00	40.00	0.00
	0.00	40.00	0.00
Document Processing/Clerical			
	0.00	30.00	0.00
	0.00	30.00	0.00
	0.00	30.00	0.00
	0.00	30.00	0.00
	Totals	2.00	190.00
		Fringe	190.00
		Overhead	239.40
	Total Labor		475.00

Additional Fees 475.00

Profit				57.00	
Travel - Company Vehicle					
<i>Mileage</i>		<u>Quantity</u>	<u>Rate</u>		
		688	0.670	460.96	
	Total Additional Fees			517.96	517.96

Billing Limits	Current	Prior	To Date
Total Billings	992.96	0.00	992.96
Limit			8,666.00
Remaining			7,673.04

Task Total				\$ 992.96
Project Total				\$ 10,578.48

Retainage			
Current Retainage	-528.92 (5% of 10,578.48)		-528.92
Prior Retainage	246.54		
Retainage To-Date	775.46		

Please Pay This Amount \$ 10,049.56

Budget Category Breakdown	
Salaries & Wages	3,613.40
Fringe	939.48
Overhead	4,480.62
Profit	1,084.02
Travel	460.96
Other Expenses	0.00
Subcontractor Services	0.00
Total	10,578.48
Retainage	-528.92
Total	10,049.56

Project Summary	
Contract Amount	49,474.00
Less Current Invoice	10,049.56
Less Total Retainage to Date	775.46
Less Prior Amount Invoiced	4,930.80
Balance Remaining	33,718.18

Remit To: Box 741 - Dripping Springs, TX 78620
Phone: (512) 909-3954

Outstanding Invoices

Number	Date	Balance	Retainage		Now Due
13036	11/1/2023	\$4,930.80	\$	246.54	4,684.26
Total		4,930.80	246.54		4,684.26

Remit To: Box 741 - Dripping Springs, TX 78620
Phone: (512) 909-3954

For any questions regarding this invoice please contact us at admin@advancedgw.com.

Best 5 hr ... 5 days 1 day

Pittsburg, Texas 75686

110 Spring Creek Rd, Dripping Sp

Add destination

Leave now

Options

Send directions to your phone

Copy link

via I-30 W and I-35 S 5 hr 35 min

Best route now due to traffic conditions 344 miles

This route has tolls.

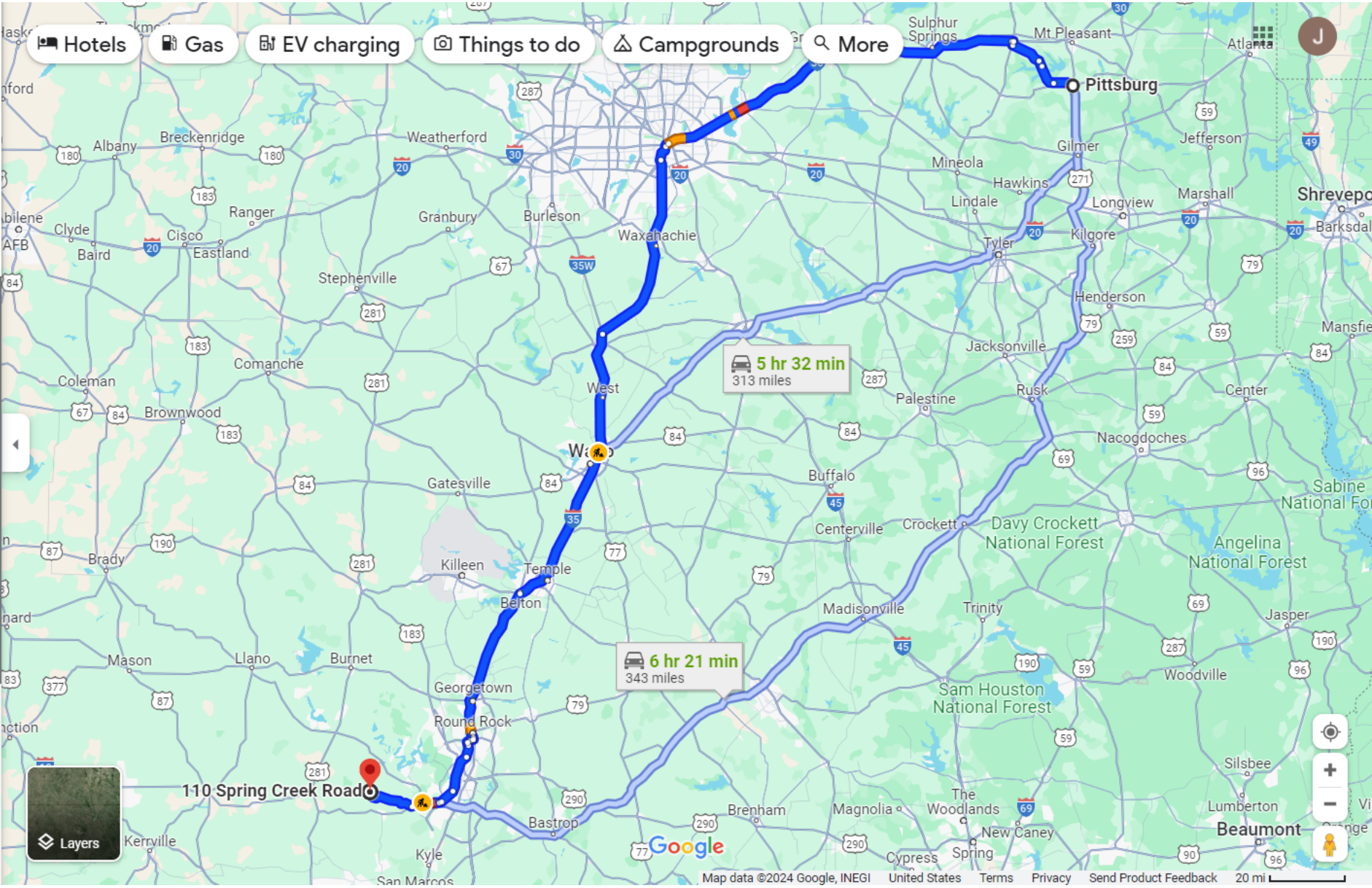
Details

via TX-31 W and I-35 S 5 hr 32 min

313 miles

via TX-21 E/E State Hwy 21 6 hr 21 min

343 miles



June 18, 2024

Mr. Kyle Dooley, P.E.
Executive Director/CEO
228 Texas Ave., Suite A
New Boston, TX 75570

RE: May 2024 Invoice – 2026 Region D Water Planning
(TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed from April 1, 2024, through May 2024, under the above referenced contract. The Carollo Team has been working on the following items for the 2026 Region D Regional Water Plan:

Task No.	Task Description	Current Progress	Future Progress	Problems Encountered/Resolution
1	Planning Area Description	Continued development of information and draft chapter.	Finalization of chapter.	n/a
2A	Non-Municipal Water Demand Projections	n/a	Finalization of chapter.	None.
2B	Population and Municipal Water Demand Projections	n/a	Finalization of chapter.	None.
3	Water Supply Analyses	Continued supply allocations, data entry, coord. of groundwater analyses.	Preparation of draft chapter material.	None.
4A	Water Needs Analysis	Continued needs analyses.	Continued characterization of needs by WUG and WWP/MWP.	None.
4C	Technical Memorandum	Finalization.	n/a	None.
5A	Identification of Potentially Feasible Water Management Strategies and Projects	Preliminary application of process and documentation	Continued development of PF WMS and WMSPs.	None.
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	Preliminary review of policy recommendations.	Continued development of Chapter 8 material.	n/a
10	Public Participation and Plan Adoption	Continued internal project coordination and engagement with WUG and WWPs.	Continued engagement.	None.

Should you have any questions regarding this matter, please don't hesitate to contact me.

Sincerely,

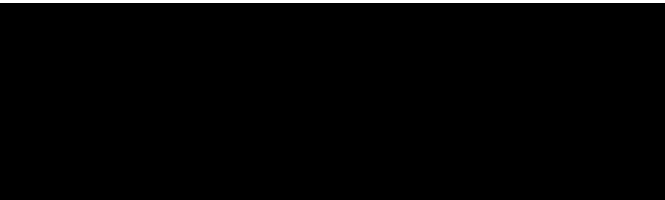
Carollo Engineers, Inc.



Tony L. Smith, P.E.
Project Manager

TLS;

Enclosures



Attn: Mr. Kyle Dooley, P.E., Executive Director/CEO
 228 Texas Ave., Suite A
 New Boston, TX 75570

June 18, 2024
 Project No.: 200343
 Invoice No.: FB51904

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)
 Total Contract: \$580,747

Professional Services from April 01, 2024 to May 31, 2024

Task 1	000010	Planning Area Description		
Professional Personnel				
		Hours	Rate	Amount
Professional	Pinckney, Michael	4.0	73.72	294.88
Technicians	Jadhav, Riya	20.0	45.96	919.19
	Brucker, Carli	16.5	45.96	758.33
	Totals	40.50		1,972.40
			Fringe	1,972.40
			Overhead	2,958.57
				5,861.91
			Total Labor	5,861.91
Additional Fees				
	Profit			532.59
			Total Additional Fees	532.59
				532.59
Billing Limits				
		Current	Prior	To Date
	Total Billings	6,394.50	3,677.48	10,071.98
	Limit			13,796.00
	Remaining			3,724.02
			Task Total	\$ 6,394.50

Task 3	000030	Water Supply Analyses		
Professional Personnel				
		Hours	Rate	Amount
Project Professional	Smith, Tony	9.0	86.05	774.52
Professional	Pinckney, Michael	4.5	73.72	331.74
Technicians	Jadhav, Riya	20.0	45.96	919.19
	Totals	33.5		2,025.45
			Fringe	2,025.45
			Overhead	3,038.15
				6,019.58
			Total Labor	6,019.58
Additional Fees				
	Profit			546.92
			Total Additional Fees	546.92
				546.92
Billing Limits				
		Current	Prior	To Date
	Total Billings	6,566.50	71,820.50	78,387.00
	Limit			82,230.00
	Remaining			3,843.00
			Task Total	\$ 6,566.50

		Task Total		\$	4,204.00
Task 8	000080	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues			
Professional Personnel					
		Hours	Rate	Amount	
Project Professional	Smith, Tony	1.0	86.05	86.05	
	Totals	1.0		86.05	
		Fringe	86.05	129.08	
		Overhead	129.08	255.76	
	Total Labor			255.76	
Additional Fees					
Profit				23.24	
	Total Additional Fees			23.24	
Billing Limits					
Total Billings		Current	Prior	To Date	
Limit		279.00	0.00	279.00	
Remaining				10,648.00	
				10,369.00	

		Task Total		\$	279.00
Task 10	000100	Public Participation and Plan Adoption			
Professional Personnel					
		Hours	Rate	Amount	
Project Professional	Smith, Tony	46.5	86.05	4,001.69	
Technicians	Jadhav, Riya	16.0	45.96	735.35	
	Nocera, Karly	1.0	45.96	45.95	
Document Processing/Clerical	Butler, Katy	1.0	39.48	39.48	
	Totals	64.5		4,822.47	
		Fringe	4,822.47	7,233.66	
		Overhead	7,233.66	14,332.30	
	Total Labor			14,332.30	
Additional Fees					
Profit				1,302.19	
Travel - Company Vehicle		<u>Quantity</u>	<u>Rate</u>		
Mileage		0	0.67	0.00	
	Total Additional Fees			1,302.19	
Billing Limits					
Total Billings		Current	Prior	To Date	
Limit		15,634.49	53,365.02	68,999.51	
Remaining				136,131.00	
				67,131.49	

		Task Total		\$	15,634.49
		Project Total		\$	36,156.99

Retainage		
Current Retainage	1,807.85 (5% of 36,156.99)	- 1807.85
Prior Retainage	15,667.04	
Retainage To-Date	17,474.89	

Please Pay This Amount \$ 34,349.14

Budget Category Breakdown

Salaries & Wages	11,152.66
Fringe	5,576.21
Overhead	16,416.62
Profit	3,011.50
Travel	0.00
Other Expenses	0.00
Subcontractor Services	0.00
Total	36,156.99
Retainage	- 1807.85
Total	34,349.14

Project Summary

Contract Amount	580,747.00
Less Current Invoice	34,349.14
Less Total Retainage to Date	17,474.89
Less Prior Amount Invoiced	297,673.90
Balance Remaining	231,249.07

Remit To: P.O. Box 30835 | Salt Lake City, UT 84130-0835 | United States
Phone: 1-800-523-5822

Outstanding Invoices

Number	Date	Balance	Retainage	Now Due
FB47543	2/29/2024	67,214.66	3,537.61	67,214.66
FB48736	3/14/2024	52,134.06	2,743.90	52,134.06
FB50298	6/10/2024	19,241.01	1,012.69	19,241.01
Total		138,589.73	7,294.20	138,589.73

For any questions regarding this invoice please contact us at ClientInvoicing@carollo.com.