

## NOTICE OF OPEN MEETING

### REGION D WATER PLANNING GROUP-NETRWPG

**Wednesday, November 13, 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 November 13, 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 the September 18, 2024 meeting & the October 30, 2024 meeting.
4. Discussion and Action as appropriate: Consider appointment of Liaison to Region C.
5. Reports from liaisons: TWDB Planner; GMA #8 & #11; Region C & I.
6. Consideration and Action as appropriate on material from the Region D Technical Consultant regarding Draft Chapter 7- Drought Response Information, Activities, and Recommendations
7. Update from the Region D Technical Consultant on other ongoing activities related to the development of the 2026 Region D Water Plan.
8. Financial report by Administrator. Approval of invoices of consultant.
9. Further public comment/participation.
10. Adjourn.

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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](mailto: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, November 13, 2024**

**Agenda Item 3  
September 18, 2024 & October 30, 2024  
Meeting Minutes**

**Minutes of the North East Texas Regional Water Planning Group  
September 18, 2024 – 10:00 A.M.**

The North East Texas Regional Water Planning Group (NETRWPG) – Region D met in an open meeting on Wednesday, September 18, 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.

Item 1-Jim Thompson called the meeting to order at 10:02 A.M. and welcomed everyone. Introductions were made and a quorum was present. Twenty-two members of the planning group were present in person or represented by a designated alternate.

The following voting members were present:

Russell Acker	David Aikin	Brandon Belcher	John Brooks
Kevin Chumbley	Andy Endsley	Nicolas Fierro	Richard Garza
Cindy Gwinn	Hattie Hackler	Billy Henson	Conrad King
Howdy Lisenbee	Janet McCoy	Fred Milton	Ned Muse
Sharron Nabors	Jim Thompson		

The following alternates were present:

Michael Brice	James Brooks	Joel Murray	Linda Price
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The following voting members were absent:

Joe Bumgarner	Greg Carter	Joe Coats	Robert Hurst
Richard LeTourneau	Harlton Taylor		

Item 2-The public was provided with an opportunity for comment prior to any action being taken by the planning group. No comments were made.

Item 3-Billy Henson made a motion to approve the minutes from the May 29, 2024 meeting. Sharron Nabors seconded the motion. Motion carried, all voting aye.

Item 4-Jim Thompson opened the discussion regarding the appointment of successors for the 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 Belcher, Andy Endsley, Sharron Nabors, Joe Coats, Jim Thompson, Howdy Lisenbee, Richard Garza, and Billy Henson. All of those currently serving are interested in serving another term. In addition, Mr. Wayne Dial and Mr. David Weidman are interested in serving. Mr. Thompson stated that the Executive Committee recommends keeping the current incumbents and allowing them to serve an additional term. He then opened the floor for discussion, motions, or other nominations. Fred Milton made a motion to accept the recommendation of the Executive Committee to reappoint Brandon Belcher, Andy Endsley, Sharron Nabors, Joe Coats, Jim Thompson, Howdy Lisenbee, Richard Garza, and Billy Henson to serve another term. Janet McCoy seconded the motion. Motion carried, all voting aye.

Item 5-Jim Thompson opened the discussion on appointment of a liaison for Region C. Mr. Thompson suggested that we put this item on hold for discussion at a future meeting. Region D will have representatives at the next Region C meeting. There was no discussion. This item was tabled. No action taken.

Item 6-There were no reports from Region C or Region I. Nor were there reports from GMA 8 or GMA 11. 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 on the site to sign up for email updates as well as a link to frequently asked questions. The Texas water fund implementation plan was released by TWDB in July. The purpose was to visualize the preliminary working regional water plan data and identify places where there may be systems that are near each other, where one has a surplus and one has a need, where there might be other opportunities for inter for regional type projects within the region. And it also includes a brackish aquifer sample layer, which is included to help facilitate potential exploration of brackish groundwater projects. And additionally, on Monday, the draft Marvin Nichols reservoir project feasibility review was posted. There's a link there to the report, the draft report, and it's got information on how to submit public comment on that review. Related to Senate Bill 28 from the last legislative session, the legislature appropriated a million dollars to go towards water supply projects, and this is that is called the Texas Water fund, and this is the plan on how to pass that money out. Surveys and a draft implementation plan was developed and was released in July. The draft implementation plan was completed within statutory directives. There is some flexibility but there are some rules that have to be adopted with it. There are two different funds created under the Texas Water fund. One is the Rural Water Assistance Fund which assists cities between 0 and 9,999 in population. That program consists mostly of grant funds. And the other is the Water Loan Assistance Fund. These funds are for larger systems. There are funds allocated for Swift Program support and the new Water Supply for Texas fund. The Water Supply for Texas fund is required to be at least \$250 Million by statute and it is for newly developed water supplies such as seawater desalination, produced water, types of water supply that aren't currently in our present inventory of the state water plan. In the fall, TWDB is going to continue to consider more rules. The proposal for the new Water Supply for Texas fund and a public awareness campaign will begin. At that point, the invitations will go out for water conservation loss projects. In the winter, the rural water fund project commitments will be released. Every one of the TWDB loan programs has a two-step process. An announcement is made, and entities would submit project information forms that describes the project, TWDB ranks the projects and then invite entities to apply. A budget bill from last legislative session directed TWDB to do a feasibility review of the Marvin Nichols Reservoir project. This review needs to look at the implementation timeline, the associated costs, land acquisition considerations, and the economic impact of the project. There is a draft report posted on the TWDB website relating to the review of the project. This report must be finalized and submitted by TWDB to the legislative budget board and the governor no later than January 5, 2025. TWDB is asking for comments by October 15, 2024. The website containing information on how to submit public comments is <https://www.twdb.texas.gov/waterplanning/rwp/feasibility/index.asp>. All of the information in this report is based on existing information. There was not any new analysis, new reports or new science considered when completing this report. As related to the implementation timeline, the TWDB did not identify any basis to conclude that the implementation timeline for the Marvin Nichols Reservoir to be online in 2050 would render the project infeasible. As related to

associated costs, the TWDB did not identify any basis to conclude that the estimated costs of implementing the Marvin Nichols Reservoir would render the project infeasible. As related to land acquisition considerations, the TWDB did not identify any basis to conclude that land acquisition requirements would render the project infeasible. TWDB recognizes that land acquisition is a big concern for any project but until the permitting process is initiated, the land requirements won't be known. To our knowledge, the Corps does not have a predictive formula in advance of the actual permitting process. But that land acquisition uncertainty alone does not make the project infeasible. As related to the economic impact, the TWDB did not identify any basis to conclude that economic impact associated with the project would render the project infeasible. The footprint of Marvin Nichols is approximately 66,000 acres and it is not known what the court requirement for mitigation will be, but it is likely that it will be one to one. Jim Thompson stated that this deadline for submitting comments does not make it feasible for this board to respond and comment appropriately. He stated that the information in this report seems to rely strictly on Region C's input. There is contradictory information between previously published Region D and Region C plans. Ron Ellis suggested that the Region D board request an extension from TWDB in order to take official action to draft a response to submit to TWDB regarding this draft report. Kyle Dooley stated that Agenda Item 8, as presented by Tony Smith with Carollo Engineers, will review chapters 2, 3, 4, and portions of 8. Chapter 8 addresses this language presented in Mr. Ellis's report and the board can take action to respond after the technical consultant's presentation. Fred Milton commented on the delay in responding to Mr. Thompson's letter to Region C composed and mailed in 2021. Ned Muse commented that the report did not use all available information, and it reached the conclusion that the project was not infeasible.

Item 7-In November of 2021 Jim Thompson wrote a letter to Region C regarding the disagreement surrounding the Marvin Nichols Reservoir. Region D has consistently been of the opinion that Marvin Nichols does not need to be in the State Water Plan. Region C holds the opinion that it does need to be in the State Water Plan. Region C's response was that at the time they received Mr. Thompson's letter, they were not sure what strategies would be in their plan and they voted to delay initiating interregional coordination until more information was available. Region C has now identified Marvin Nichols Reservoir as a potential recommended strategy for the 2026 Region C Water Plan. Region C is having a meeting in Arlington on September 30, 2024. Region D representatives are invited to attend and to comment. He also stated that Region C representatives are willing to attend a future Region D meeting to discuss the project further as well. The options are to officially appoint a committee to attend the meeting, or to leave it open to all members of the Region D board to attend. He opened the item up for discussion. Ned Muse commented that if Region C representatives are invited to speak at a Region D Meeting, then it should be requested that they present their position on Marvin Nichols publicly so that the residents inside Region D board can hear it directly from them. Cindy Gwinn recommended that everyone that can attend should attend the Region C meeting in Arlington on September 30<sup>th</sup>. Jim Thompson responded to Region C's letter requesting time on the agenda for Region D representatives to hear the presentation and ask questions regarding the Marvin Nichols project. Ned Muse made a motion for the chair, Jim Thompson or his authorized representative, to represent Region D and speak at the Region C meeting on September 30, 2024. David Aikin seconded the motion. Motion carried, all voting aye.

Item 8 – Tony Smith, Carollo Engineers, presented a snapshot of the budget, noting the approval of amendment number 2 and submitted all the information to TWDB. Next time it is presented the funds will be allocated for task 5B. We are about 66% through the budget. The draft water plan known as the Initially Prepared Plan (IPP) is being developed piecemeal to allow for feedback. It should be ready by the end of the year into January for presentation to TWDB. He presented draft versions of Chapters 2, 3, 4, 8, and the Region D Groundwater Availability Assessment for the 2026 Region D Plan. Approval of these chapters is not required today. Chapter 2 covers population and water demand projections. Chapter 3 covers the evaluation of water sources and water supplies. Chapter 4 covers the identification of water needs and water shortages and what water sources have surpluses, and Chapter 8 covers ecologically unique stream segments, unique reservoir sites, and legislative recommendations. Chapter 8 is where, in the past, Region D's recommendations on Marvin Nichols have been documented. This is where discussion and action can be taken to respond to the report presented by Ron Ellis with TWDB. In the past, the Regional Planning Group has made conditional recommendations for ecologically unique stream segments throughout Texas. These recommendations go to TWDB, and they can elect to include those in the State Water Plan or not. Ultimately the identification of a unique stream segment is done by the legislature. In making unique stream designation recommendations, Region D has been concerned about affecting private property owners so they are cautions in those recommendations. In the last cycle there were three. In the Red River Basin, it was Pacan Bayou. In the Cypress Creek Basin, it was the Black Cypress Bayou and Black Cypress Creek. These conditional recommendations will be carried forward to the 2026 plan unless other input is offered. That input needs to be submitted soon because coordination with Texas Parks and Wildlife will be needed. Instream Flows are the flow necessary to maintain a sound ecological environment and instream portion. One of the TWDB's guiding principles regarding Instream Flows is that consideration shall be consistent with TCEQ's adopted environmental flow standards under 30 TAC Chapter 298 in basins where standards have been adopted. Instream flows are contemplated and applied using consensus planning criteria on Water Management Strategies. They are addressed in greater detail starting in the 2016 plan, including the application of adopted Instream Flow Standards from Senate Bill 3 process where adopted. Senate Bill 3 provided for development of environmental flow standards for the Sabine, Neches and Trinity Rivers but they did not set a schedule for Cypress Creek, Red River or Sulphur River Basin. That does not prohibit an effort to develop those environmental flow needs and ways in which those needs can be met by a voluntary consensus building process. All of the language regarding recommendations on instream flows in the Cypress Creek Basin and the Sulphur River Basin is consistent with the 2021 Region D Water Plan. Cindy Gwinn made note that one of the recommendations regarding instream flows in the Sulphur River Basin in the presented slides states, "Recommends that no new reservoir development should take place until the State has identified environmental flow needs for the Sulphur river consistent with Senate Bill 3." She asked how does that alone not make Marvin Nichols at least temporarily infeasible? That statement came from the Trungale study. Ron Ellis stated that statement is just a recommendation from the Region D Planning Group. That statement is not something that governs State Water Planning. That statement would have to be adopted into rule or statute to limit reservoir development. In the past, the plan did not recommend the designation of a unique reservoir site except, the Sabine River Authority had made a request to this regional planning group for endorsement of a recommendation in the adopted comprehensive Sabine Watershed Management Plan that Sabine River Authority develop Prairie Creek Reservoir. Unless we get different information, that will be included in the 2026 plan. As far as overall recommendations

on unique reservoir sites identification, development and reservoir site preservation, the 2026 plan language is consistent with the 2021 plan. With regard to the Texas Administrative Code on reservoir development the position is 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. Regarding unique reservoir site identification and preservation, the planning group recommends that any new reservoirs in Region D be pursued only after all other viable alternatives have been exhausted. It recommends no reservoir sites in the North East Texas region be designated as unique reservoir sites in this plan or in the 2026 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. This statement comes from a negotiation reached in 2015. Jim Thompson stated that the three pillars of that 2015 agreement were we would agree to put that language in the 2021 plan if Region C would agree to move Marvin Nichols to 2070 and they would also agree not to file for any permits within the five year period. After that agreement was written, he believes that was the 2016 or 2017 water plan. When we were conversing last year, we were still negotiating, and we didn't know which way it was going. Later in chapter eight, it says we don't recommend Marvin Nichols. Mr. Thompson stated that this section does need to be changed because that agreement is no longer valid. It also 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. It 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. It endorses SRA development of Prairie Creek Reservoir. Regarding the EPA and the US Army Corps of Engineers, Region D 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. Region D strongly supports "avoid, minimize, and compensate" should any new reservoirs in Region D be pursued. This recommendation will also apply to any other reservoirs in the region in addition to Marvin Nichols. In the 2021 plan, Region D pointed at the wetland compensatory mitigation rule and said that needs to be followed closely. Andy Endsley asked if the George Parkhouse reservoirs are still viable options? Stan Hayes replied that the slide Mr. Endsley is referring to was out a special study completed that compiled all of the possible reservoirs and their locations. Jim Thompson requested that the plan that is approved and finalized by this planning group should not include any documents or maps that mention or show reservoirs that are not proposed by Region D. For the purposes of the 2016 region D plan region D continued to oppose Marvin Nichols reservoir but did not challenge Marvin Nichols reservoir's unique reservoir site. Language in the 2021 plan included: it has been the position of the Northeast Texas region war planning group that Marvin Nichols Marvin Nichols reservoir should not be included in 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. That last sentence is what can be changed for this water planning group's opinion to be included in the 2026 Plan. In this chapter, Region D makes legislative recommendations regarding the growth of Giant Salvinia, the Toledo Bend Reservoir

& Pipeline, oil and gas wells, mitigation, future interbasin transfers from the North East Texas Region, designation of wholesale water providers, future water needs, economic & environmental impacts associated with reservoir development, compensation for reservoir development & interbasin transfers, conversion of public water supplies to surface water from groundwater, TCEQ regulations, improvements to the regional water planning process, Wright Patman Lake Reservoir lake level, and standardized statistics for conservation assessments. Carollo is still looking at water management strategies, drought management and contingency plans and comparing all data to the 2021 plan. Mr. Smith does not require any formal action on any of this chapter language today. Language and data regarding recommendations can be revised by Region D at a later date. They do recommend action to approve the submittal of a request to TWDB for review of Region D'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 the Chair and the Administrator. Sharron Nabors made a motion to approve the submittal of a request to TWDB for review of Region D'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 the Chair and the Administrator. Fred Milton seconded the motion. Motion carried, all voting aye.

A motion was made by Howdy Lisenbee to authorize the chairman to draft two letters. One asking for an extension on the public comment period on the Marvin Nichols Feasibility Study as presented by Ron Ellis with TWDB. And a second letter expressing our feedback on that feasibility study and authorize the chairman to send the letter if that extension is not granted. Ned Muse seconded the motion. Motion carried, all voting aye.

Item 10-Kyle Dooley presented invoices from Carollo Engineers for payment approval. The invoices are for work from February through April 2024. The total for the invoices is \$53,590.15. Ned Muse 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. David Nabors made comments regarding lithium extraction and brackish water. Laura Ashley Overdyke with the Caddo Lake Institute commented on voluntary flows from Caddo Lake, she highlighted that only 2 of the 16 regional water planning groups in Texas are projected to have enough water and Region D is one of them, she raised her concerns for underestimating water demands, she suggested a moratorium on new reservoirs and interbasin transfers until existing leaks are repaired siting the 41 billion gallons of water loss in North Texas.

Kyle Dooley provided that the next meeting is tentatively scheduled for mid-November 2024.

With no further business to discuss, Jim Thompson adjourned the meeting at 12:25 p.m.

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Secretary

Date



**Minutes of the North East Texas Regional Water Planning Group  
October 30, 2024 – 10:00 A.M.**

The North East Texas Regional Water Planning Group (NETRWPG) – Region D met in an open meeting on Wednesday, October 30, 2024, at 1:00p.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.

Item 1 – Jim Thompson called the meeting to order at 1:15p.m. and welcomed everyone. Introductions were made and a quorum was present. Twenty-one members of the planning group were present in person or represented by a designated alternate.

The following Region D voting members were present:

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

The following alternates were present:

Jason Stovall

The following voting members were absent:

Russell Acker	Andy Endsley	Conrad King	Harlton Taylor
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The following Region C representatives were present:

Kevin Ward	R.J. Muraski	Denis Qualls
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Item 2 – Tony Smith, Carollo Engineers, provided an overview of the Northeast Texas regional water plan and its history. He explained the coordination between the Northeast Texas Regional Planning Group (Region D) and the Region C Regional Planning Group. Mr. Smith detailed the sections of the 2021 plan that discuss the Marvin Nichols reservoir. Chapter 6 covers the impacts of regional water strategies, including Marvin Nichols. Chapter 8 of the plan includes recommendations for unique reservoir sites and policy issues. The Northeast Texas Regional Planning Group has historically and continues to be opposed the inclusion of Marvin Nichols in regional plans or the State Water Plan. Mr. Smith highlights the significant negative impacts on agricultural, natural resources, and the timber industry from the construction of the Marvin Nichols reservoir. He also covered the planning process, and the uncertainties involved in the mitigation requirements. Region D has included studies on the impacts of Marvin Nichols in the 2021 plan and anticipates including similar studies in the 2026 plan. Kevin Ward from Region C provided an introduction and explained the water needs in North Texas. He highlighted the rapid population growth in North Texas as contributing to the water needs. Mr. Ward addressed the mitigation requirements and the potential economic impacts. He stated that he understands that balancing the needs of both rural and urban communities is important.

Item 3 – Jim Thompson offered those present a copy of his letter with comments on the Marvin Nichols Reservoir Project Feasibility Review that he submitted to the Texas Water Development Board on behalf of the Region D board.

Item 4 – The public was provided an opportunity to provide comments. Each person listed below appeared in their individual capacity unless otherwise noted. Comments made centered around the economic and environmental impacts on Northeast Texas Marvin Nichols would have as well as the potential loss of tax revenue and the impact on local businesses. Citizens also emphasized the importance of conservation and alternative strategies to meet water needs in Region C.

Travis Ransom	Gary Cheatwood, Jr.	Nancy Clements	Janice Bezanson
Rita Beving	Paul Anthony Hale	Gary Cheatwood	Aaron Rolen
William Peace	Susanne Schalles	Max Shumake	Nina Holt
Rober Holt	David Gaines	Jim Vignali	Dr. James Presley
David Bell	Stanley Jesse	James Marshall	Eddie Belcher
Linda Tabb	Jason Spencer	Evan P.	Lindy Guest
David King	Casey Conway	Samuel Gentry	Nathan Toon
Donna Menefee	Linda Silman	Kim Hanes	Dewayne Martin
Sharon Smith	Jeff Bell	Donna Mullenix	Warren Pennington
Dave Stewart	Anthony Cecil	Russ Caldwell	Tawnya Cagle
Angie Criss Turner	David Cothren		

Item 5 – With no additional business to be discussed the chair, Jim Thompson, adjourned the meeting at 4:48 p.m.

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Secretary

Date

**MEETING OF THE  
North East Texas Regional Water Planning Group  
WEDNESDAY, November 13, 2024**

**Agenda Item 6  
Discussion of Draft Chapter 7 for the 2026  
Region D Plan  
&  
Agenda Item 7  
Region D Technical Consultant Report**

# NETRWPG- Region D Regional Water Planning

Item 6

Chapter 7



PITTSBURG, TX NOVEMBER 13, 2024

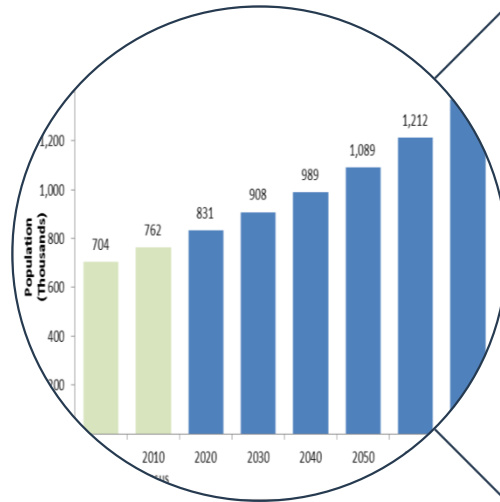
# 2026 Planning Budget Progress (2nd Amended)

Task #	Task	Contract Amount	Expended to Date	% Complete
1	Planning Area Description	18,119	13,384.48	74%
2A	Non-Municipal Water Demand Projections	28,414	26,937.93	95%
2B	Population & Municipal Water Demand Projections	47,482	43,122.46	91%
3	Water Supply Analyses	171,762	149,581.33	87%
4A	Water Needs Analysis	28,567	19,889.99	70%
4B	Identification of Infeasible WMS from 2021 Plan	27,366	24,963.30	91%
4C	Technical Memorandum	31,716	25,006.29	79%
5A	Identification of Potentially Feasible WMSs and WMS Projects	30,481	13,749.49	45%
5B	Evaluation & Recommendation of WMSs	385,490	697.49	0%
5C	Conservation Recommendations	29,223	2,884.99	10%
6	Impacts of Regional Water Plan	38,153	2,884.99	8%
7	Drought Response, Activities & Recommendations	68,510	279.00	0%
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	12,158	4,882.49	40%
9	Implementation and Comparison to the Previous Regional Water Plan	6,109	0.00	0%
10	Public Participation and Plan Adoption	237,404	129,240.62	54%
<b>TOTAL</b>		<b>1,160,954</b>	<b>457,504.85</b>	<b>39%</b>

-Aug 2023

# Review of DRAFT 2026 Region D Plan Material

Agenda Item 6



## Chapter 7

- Drought Response Information, Activities, and Recommendations

Agenda Item 7

- Chapter 9 Outline
- Chapter 10 Outline
- Next steps

# 6

## Chapter 7 - Drought Response Information, Activities, and Recommendations

## Chapter 7 Summary

- Reorganized to follow TWDB recommended guideline
- Summarize current and proposed approaches to prepare for drought, mitigate drought scenarios
- Additional section required this cycle- Drought worse than the DOR and uncertainty

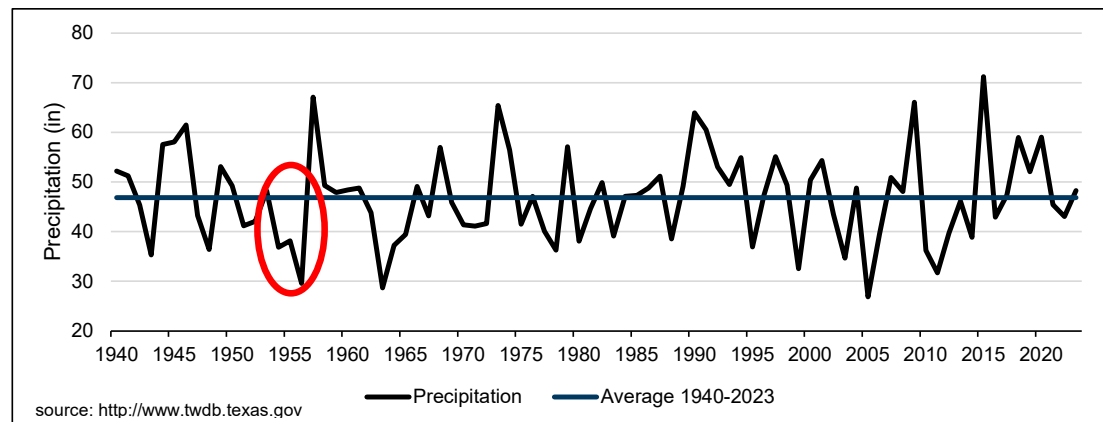


## Chapter 7 Subsections

1. Drought of Record
2. DWDOR and Uncertainty
3. Current Drought Preparations and Response
4. Drought Response Triggers and Actions
5. Emergency and Potential Interconnects
6. Drought Management Water Management Strategies (WMSs)
7. Emergency Responses to Local Drought Conditions or Loss of Municipal Supply
8. Other Drought-related Considerations and Recommendations
9. Region-specific Model Drought Contingency Plans (DCPs)

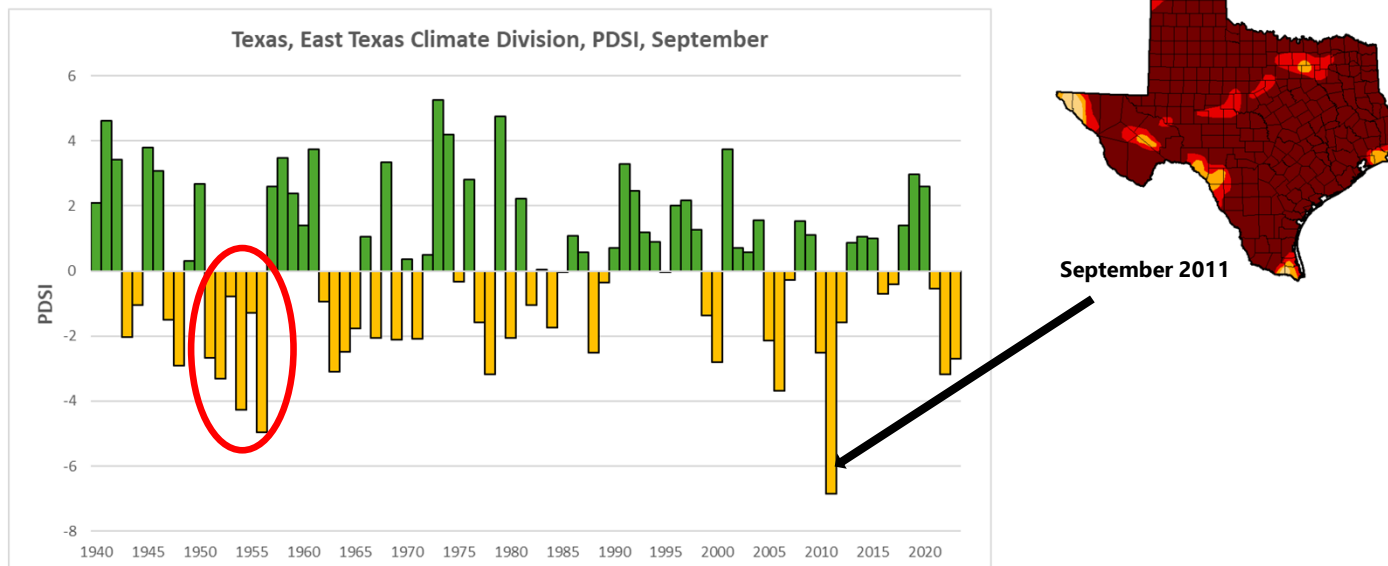
## 7.1 Drought of Record (DOR)

- Precipitation data for 1940-2023 for four quadrangles that cover the North East Texas Region
- More recent years may be more extreme (2005) but do not have the duration of the 1950s



# Palmer Drought Severity Index (PDSI)

- Historical plot of PDSI has been updated –
  - Depicts East Texas data this graph presents the PDSI for the month of September only (1940–2023)
- Finding for the purposes of the Draft 2026 Plan is that the DOR is the 1950s



<https://waterdatafortexas.org/drought/pdsi> East Texas Climate Division

## 7.2 Uncertainty and Drought(s) Worse Than Drought of Record

- New requirement this planning cycle
- RWPGs must address water supply needs during a repeat of the DOR but may choose to consider scenarios and/or qualitatively address uncertainty and Drought Worse than the Drought of Record (DWDOR) in their region.

## 7.2 Uncertainty and Drought(s) Worse Than Drought of Record

- RWPG is required to include a new separate subsection, which has been added (Section 7.2)
  - Summarize how/if region included planning for uncertainty and the region's basis (or policy) for inclusion.
  - If DWDOR/uncertainty planning was done, summarize:
    - Assumptions
      - Strategies/Projects
      - Go beyond identified water needs
      - Potential measures/responses
  - If uncertainty and/or DWDOR were not addressed, a statement to that effect must be included

## 7.2 Uncertainty and Drought(s) Worse Than Drought of Record

### ■ DWDOR:

- The NETRWPG considered the use of a DWDOR at a regular planning meeting but determined that for the purposes of the current planning cycle the DOR would remain the planning standard.
- If an entity performs a study allowing the consideration of a DWDOR in the future, the NETRWPG may utilize this information at that time.

### ■ Uncertainty

- At present, the NETRWPG must follow the regulatory and administrative requirements for the development of the 2026 Regional Water Plan. These requirements require use of the default WAM developed and maintained by TCEQ for each river basin located within the region. At present, these WAMs assume the use of a sufficiently long historical period of record to characterize impacts from the Drought of Record.

## 7.3 Current Drought Preparations and Response

- Performed drought response surveys with Region D entities.
- Entities were asked to provide a copy of the most recent Drought Contingency Plan (DCP).
- Reviewed DCPs received and updated information from last cycle
- DCPs were submitted by:
  - Ables Springs SUD
  - Caddo Basin SUD
  - City of Cooper
  - City of Emory
  - City of Marshall
  - City of Paris
  - City of Tyler
  - Southwestern Electric Company
  - Knox Lee Power Plant
  - Southwestern Electric Company
  - Pirkey Power Plant
- Includes the identification of unnecessary or counterproductive drought response efforts

## 7.4 Drought Response Triggers and Actions

### Types of Drought Triggers include:

- Surface water trigger - reservoir pool elevation
  - 10 WUGs use alone or in combination with other trigger criteria
  
- System supply capacity and/or demand
  - 26 entities use this type of trigger, usually by itself but sometimes in combination with other trigger criteria
  
- Groundwater trigger – no WUGs use groundwater triggers in Region D.





## 7.4 Drought Response Triggers and Actions

- Drought response actions are based on triggers and specific to each WUG/WWP
- Actions may include:
  - Voluntary usage reductions
  - Schedule restrictions
  - Reduction of non-essential water use
  - Landscaping/outdoor watering limits including elimination
  - Mandatory water use restrictions including rationing

## 7.5 Existing and Potential Interconnects

Interconnects	Draft 2026 Plan
Existing	52
Potential	154

- Reviewed existing interconnects from previous plan
- Updated emergency interconnects
  - TCEQ Drinking Water Watch (DWW)
  - Information provided in survey responses
- Potential interconnects based on:
  - Survey results; and
  - Consultants' working knowledge of WUGs' potential connectivity.

## 7.6 Drought Management WMSs

- Not water conservation (addressed elsewhere in the Plan)
- Temporary strategies
- Limited production of reliable supply

## 7.6 Drought Management WMSs

- Language consistent with 2021 Region D Plan.
  - Recommend that Plan notes that drought management is an important component of water supply management.
- The NETRWPG does not support the provision of drought management measures as an explicit WMS in the 2026 Region D Plan.
  - Drought management measures vary within the Region, and are temporary strategies intended to conserve supply and reduce impacts during drought and emergency times and are not implemented in the Region to address long-term demands.
  - Little to no firm supply (i.e., yield) is gained from the implementation of these measures, given their application during such specific times, particularly when considered alongside more typical WMS in the planning process.
  - Also, the use of such measures, and their efficacy, varies greatly between entities within the North East Texas Region, creating additional uncertainty.

## 7.6 Drought Management WMSs

- Although not included as a specific WMS, drought management is nevertheless an important component of water supply management.
- The NETRWPG supports implementation of DCPs under appropriate conditions by water providers in order to enhance the availability of limited supplies during emergency and drought conditions and reduce impacts to water users and local economies.
- Recognizing that implementation of appropriate water management strategies is a matter of local choice, the NETRWPG supports consideration of economically viable drought management approaches as an interim strategy to meet near-term needs through demand reduction until such time as economically viable long-term water supplies can be developed.

## 7.7 Emergency Response to Local Drought Conditions or Loss of Municipal Supply

- TWDB identified low-population WUGs that also included the number of water supply sources.
  - Any WUG from the TWDB list with a sole source water supply were added to Table 7.4 this cycle if they were not previously included
- Potential Options:
  - Release from Upstream Reservoir
  - Curtailment of Upstream or Downstream Rights (junior users)
  - Drill additional Groundwater Wells
  - Trucking in Water
  - Brackish Groundwater Treatment/Desalination
  - Emergency Agreements in Place

## 7.7 Emergency Response to Local Drought Conditions or Loss of Municipal Supply

- Reviewed PWS that reported drought stage implementation to the TCEQ since 2012

## 7.8 Other Drought-Related Considerations and Recommendations

- RWPGs are required to:
  - Consider any relevant recommendations from the Drought Preparedness Council
  - Make drought preparation and response recommendations regarding:
    - Development of DCPs
    - Current drought management preparations in the RWPA
    - The Drought Preparedness Council and State Drought Preparedness Plan
    - Any other general recommendations regarding drought management in the Region or State



## 7.8 Other Drought-Related Considerations and Recommendations

- Texas Drought Preparedness Council- established in 1999
- Responsible for assessment and report of drought monitoring and water supply conditions, including advising governor, RWPGs, ensuring effective coordination, and reporting to Texas Legislature
- Sent February 8, 2024 recommendation to NETRWPG:
  - 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;
  - Incorporate projected future reservoir evaporation rates in their assessments of future surface water availability; and
  - Identify in their plans utilities within their boundaries that reported having less than 180 days of available water supply to the TCEQ during the current or preceding planning cycle.

## 7.8 Other Drought-Related Considerations and Recommendations

- Regional drought planning considers:
  - All regional groundwater and surface water sources
  - Current drought plans being utilized by entities within the Region
  - Groundwater monitoring that have evolved since the previous cycle
- Regional drought planning goals:
  - Gain a comprehensive overview of what resources are being used within the Region
  - Determine which resources are not being monitored
  - Determine which users do not fall under existing DCPs
  - Identify additional groundwater monitoring stations with real-time data
  - Determine how these can be utilized for WUGs not subject to existing DCPs
  - Development of a regional drought contingency plan

## 7.8 Other Drought-Related Considerations and Recommendations

The NETRWPG recognizes that DCPs developed by water providers within the RWPA are the best available approach for drought management, and makes the following recommendations:

- In addition to monitoring procedures identified within the DCP, consideration of regular monitoring of information from TCEQ, TWDB, the Texas Drought Preparedness Council, and the U.S. Drought Monitor.
- Coordination with water providers regarding the identification of drought conditions and implementation of the DCP, particularly during times of drought.
- Communication with water customers during times of drought to ensure adequate implementation of drought management measures.
- Regular consideration of updating the DCP to reflect recent changes in the status of demand, water sources, infrastructure, or service area.

## 7.9 Region-Specific Drought Response Recommendations and Model Drought Contingency Plans

- Region-specific drought contingency plans have been developed for the Region for:
  - Wholesale Water Providers
  - Groundwater users (municipal, industrial, and steam-electric power)
- The model plan(s) considers the consistency of existing plans within the Region

# 7

## Other Ongoing Activities



## Chapter 9 – Implementation and Comparison to Previous Water Plan

## Chapter 9: Implementation and Comparison to Previous Regional Water Plan - Outline

1. Implementation of Previous Regional Water Plan
  - a) Survey Results (as of time of IPP)
2. RWPA's progress in achieving economies of scale
3. Comparison to Previous Regional Water Plan

## Chapter 9 Implementation Requirements

### RWPG must report

- Level of implementation and
- Identified, reported implementation impediments to the development of previously recommended WMSs and WMSPs that have affected progress in meeting water needs.

Content will be largely supported by data summaries based on information provided by RWPGs through DB22 during the previous planning cycle.

Information must be collected through spreadsheet tool to be provided by TWDB.

- TWDB provided survey spreadsheet on 8/9/2024;



# Implementation Survey Process

RWPGs should verify if recommended WMSs and WMSPs were formerly included in the 2021 RWPs.

RWPG members are strongly encouraged to directly participate in eliciting and gathering responses regarding implementation of projects that are associated with the category of entities that they represent on the RWPG.

Additional methods that RWPGs may consider using to identify projects that may potentially have been implemented may include

1. Tracking changes since the last plan including:
  - a. changes in existing WUG or WWP supplies (e.g., water provider reporting a previously recommended WMS as an existing supply in the 2026 RWP); or
  - b. identifying WMSs that are not recommended in latest plan, possibly due to implementation;
2. Using TWDB funding records to identify projects (SWIFT, WIF, State Participation, DWSRF, EDAP etc.); and,
3. Using conservation implementation reports submitted to the TWDB (i.e., conservation volumes are higher from previous report).

## Survey Questions

1. Has the sponsor taken affirmative vote or actions? (TWC 16.053(h)(10))
2. What is the status of the WMS project or WMS recommended in the 2022 SWP?
3. If project has not been started or no longer being pursued, please tell us why.
4. Please select one or more project impediments. If an impediment is not listed, provide information in the “Other” text field.
5. What funding types are being used for the project.

## RWPA's progress in achieving economies of scale

RWPs must include an assessment of the region's efforts to encourage cooperation between WUGs for the purpose of achieving economies of scale and incentivizing WMSs that benefit the entire region.

The assessment must include:

- The number of recommended WMSs in the 2021 RWP and the number of recommended WMSs in the 2026 RWP that serve more than one WUG,
- The number of recommended WMSs in the 2021 RWP that serve more than one WUG and have been implemented since the 2021 RWP adoption, and
- A description of the efforts the RWPG has made to encourage WMSs and WMSPs to serve more than one WUG and benefit the entire region.

The TWDB will provide supporting data to assist in this effort.

# Comparison to Previous Regional Water Plan

Must include brief summary showing how the 2026 adopted RWP differs from the previous 2021 RWP.

Comparisons must include summary tables and other graphics, as appropriate, that concisely convey the changes between plans.

Comparison should also include a brief explanation of the underlying reasons for the changes that occurred regarding each of the items listed below.

The 2026 RWP must provide comparisons to the 2021 RWP regarding

- Water demand projections;
- Drought(s) of record and the hydrologic and modeling assumption(s) on which the 2026 plan is based;
- Source water availabilities;
- Existing water supplies of WUGs and WWPs;
- Identified water needs for WUGs and WWPs;
- Recommended and alternative WMSs and WMSPs; and
- Any other aspects of the 2026 plan that the RWPG chooses to compare.



# Chapter 10 – Adoption of Plan and Public Participation

## Chapter 10: Adoption of Plan and Public Participation - Outline

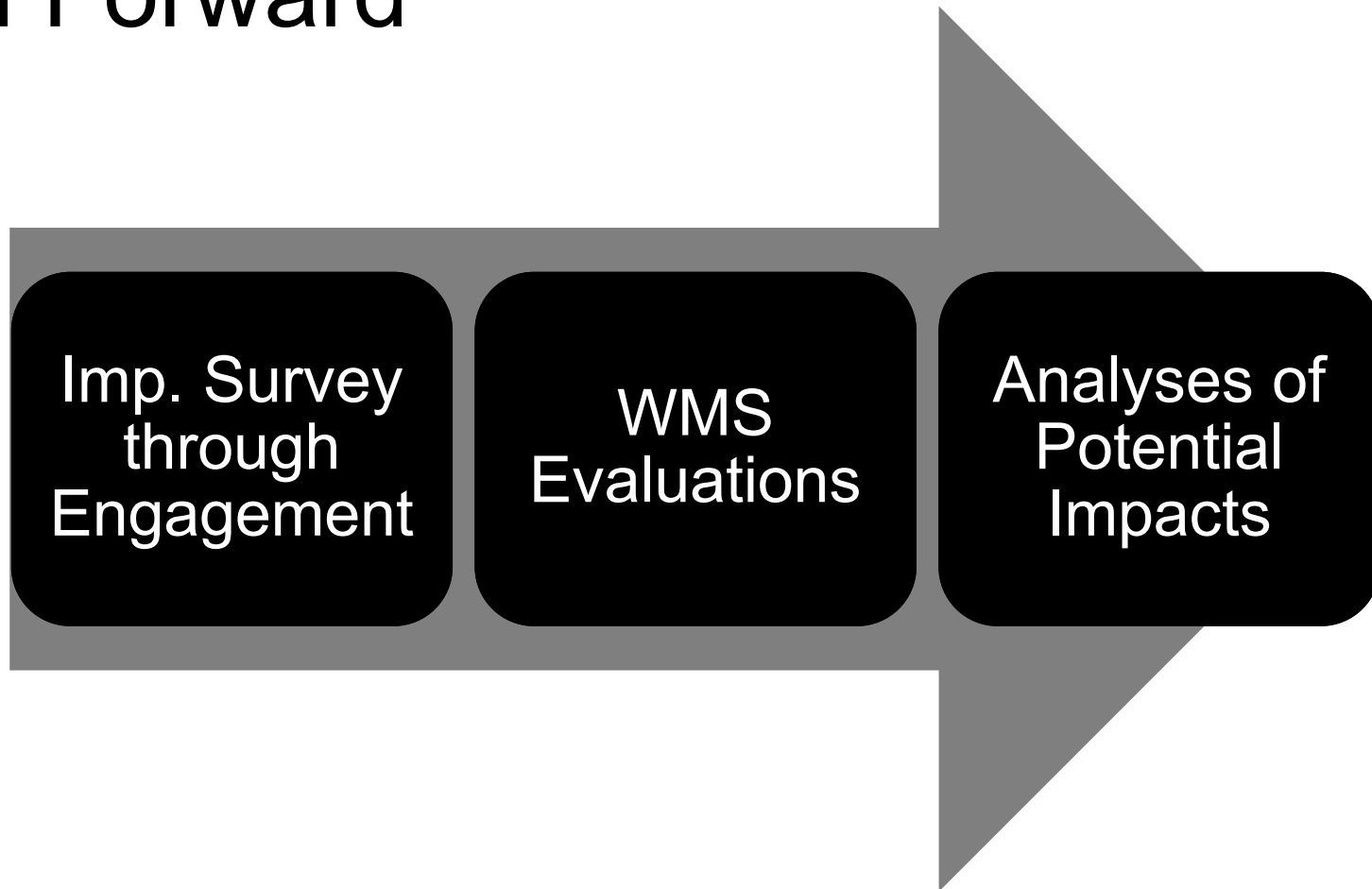
1. Public Participation
2. Region D RWPG Website
3. Coordination with WUGs and WWPs
4. Coordination with Other Planning Regions
5. Region D RWPG Meetings
6. Public Hearing and RWPG Responses to Public and Agency Comments on IPP
7. TWDB Comments on IPP and RWPG Responses
8. Plan Adoption

## Suggested Action:

- No formal action requested
- Continuing to seek input on recommendations and language.
- Language and analyses 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

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# Path Forward





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



**MEETING OF THE  
North East Texas Regional Water Planning Group  
WEDNESDAY, November 13, 2024**

**Agenda Item 8  
Financial Report**

October 31, 2024

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

RE: September 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 June 1, 2024, through September 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	Water loss writeup and calculations.	Finalization of chapter.	n/a
2B	Population and Municipal Water Demand Projections	Revisions to chapter content.	Finalization of chapter.	None.
3	Water Supply Analyses	Continued data entry, groundwater analyses.	Finalization of chapter.	None.
4A	Water Needs Analysis	Continued characterization of needs by WUG and WWP/MWP.	Refinements of needs, 2nd tier, and finalization of chapter.	None.
4B	Identification of Infeasible Water Management Strategies	Documentation.	Finalization of chapter.	None.
4C	Technical Memorandum	Continued application of processes in TM for water supply and needs.	Finalization of chapter.	None.
5A	Identification of Potentially Feasible Water Management Strategies and Projects	Application of adopted process and evaluation of previous strategies.	Documentation of chapter and appendices.	None.
5B	Evaluation and Recommendation of Water Management Strategies and Projects	Engagement.	Continued engagement, initial analyses.	None.
5C	Conservation Recommendations	Compilation of conservation information, review of documentation.	Revisions to chapter section and analyses.	None.
6	Impacts of the Regional Water Plan and Consistency with Protection of Resources	Preliminary development of language for chapter.	Continued impact analyses.	None.
7	Drought Response Information, Activities, and Recommendations	Compilation and review of information, initial documentation.	Continued documentation and preparation of material.	None.
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	Continued development of policy recommendations.	Discussions on interregional policy, chapter revisions, interregional coordination.	n/a
10	Public Participation and Plan Adoption	preparation of documentation, internal project coordination, and participation in RWPG meeting.	Continued engagement, preparation and participation in RWPG meeting.	None.

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

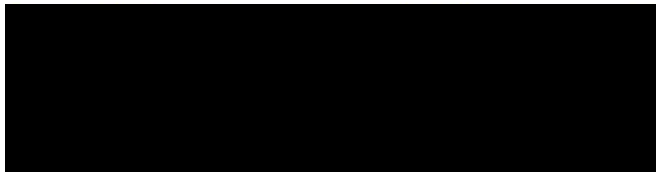
Sincerely,

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

October 31, 2024  
 Project No.: 200343  
 Invoice No.: FB57743

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)  
 Total Contract: \$1,160,954

**Professional Services from June 1, 2024 to September 30, 2024**

Task 1	000010	Planning Area Description		
<b>Professional Personnel</b>				
		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional	Jackson, Jennifer	6.5	86.05	559.38
Document Processing/Clerical	Thompson, Chris	0.5	39.48	19.74
	Totals	7.00		579.12
			<b>Fringe Overhead</b>	868.67
			868.67	1,721.12
	<b>Total Labor</b>			<b>1,721.12</b>
<b>Additional Fees</b>				
Profit				156.38
	<b>Total Additional Fees</b>			<b>156.38</b>
<b>Billing Limits</b>				
		<b>Current</b>	<b>Prior</b>	<b>To Date</b>
Total Billings		1,877.50	10,071.98	11,949.48
Limit				15,684.00
Remaining				3,734.52
<b>Task Total</b>				<b>\$ 1,877.50</b>

Task 2B	00002B	Population and Municipal Water Demand Projections		
<b>Professional Personnel</b>				
		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional	Smith, Tony	1.0	86.05	86.05
Professional	Pinckney, Michael	5.0	73.72	368.60
Technicians	Harkins, Christian	6.0	45.96	275.76
	Jadhav, Riya	19.0	45.96	873.23
	Totals	31.0		1,603.64
			<b>Fringe Overhead</b>	2,405.44
			2,405.44	4,765.98
	<b>Total Labor</b>			<b>4,765.98</b>
<b>Additional Fees</b>				
Profit				433.02
	<b>Total Additional Fees</b>			<b>433.02</b>
<b>Billing Limits</b>				
		<b>Current</b>	<b>Prior</b>	<b>To Date</b>
Total Billings		5,199.00	33,175.46	38,374.46
Limit				42,734.00
Remaining				4,359.54
<b>Task Total</b>				<b>\$ 5,199.00</b>

Task 3		000030	Water Supply Analyses		
<b>Professional Personnel</b>					
			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional					
	Smith, Tony		2.0	86.05	172.11
	Jackson, Jennifer		4.0	86.06	344.23
Professional					
	Pinckney, Michael		22.0	73.72	1,621.84
Technicians					
	Jadhav, Riya		107.5	45.96	4,940.62
	Brucker, Carli		25.0	45.96	1,148.98
	Totals		160.5		8,227.78
				<b>Fringe</b>	8,227.78
				<b>Overhead</b>	12,341.58
					24,452.79
			<b>Total Labor</b>		<b>24,452.79</b>
<b>Additional Fees</b>					
Profit					2,221.70
			<b>Total Additional Fees</b>		<b>2,221.70</b>
					<b>2,221.70</b>
<b>Billing Limits</b>					
Total Billings		<b>Current</b>	<b>Prior</b>	<b>To Date</b>	
Limit		26,674.49	78,387.00	105,061.49	
Remaining				114,954.00	
				9,892.51	
			<b>Task Total</b>		<b>\$ 26,674.49</b>

Task 4A		00004A	Water Needs Analysis		
<b>Professional Personnel</b>					
			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Professional					
	Pinckney, Michael		20.0	73.72	1,474.40
Technicians					
	Jadhav, Riya		15.0	45.96	689.39
	Brucker, Carli		39.0	45.96	1,792.41
	Totals		74.0		3,956.20
				<b>Fringe</b>	3,956.20
				<b>Overhead</b>	5,934.25
					11,757.73
			<b>Total Labor</b>		<b>11,757.73</b>
<b>Additional Fees</b>					
Profit					1,068.27
			<b>Total Additional Fees</b>		<b>1,068.27</b>
					<b>1,068.27</b>
<b>Billing Limits</b>					
Total Billings		<b>Current</b>	<b>Prior</b>	<b>To Date</b>	
Limit		12,826.00	7,063.99	19,889.99	
Remaining				20,443.00	
				553.01	
			<b>Task Total</b>		<b>\$ 12,826.00</b>

Task 4B		00004B	Identification of Infeasible Water Management Strategies in the previously adopted 2021 Regional Water Plan		
<b>Professional Personnel</b>					
			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional					
	Smith, Tony		5.0	86.05	430.28
Technicians					
	Brucker, Carli		10.0	45.96	459.59
	Totals		15.0		889.87
				<b>Fringe</b>	889.87
				<b>Overhead</b>	1,334.80
					2,644.70
			<b>Total Labor</b>		<b>2,644.70</b>

<b>Additional Fees</b>				
Profit			240.29	
	<b>Total Additional Fees</b>		<b>240.29</b>	<b>240.29</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To Date</b>
Total Billings	2,884.99	11,578.47	14,463.46
Limit			16,866.00
Remaining			2,402.54

**Task Total** \$ **2,884.99**

Task 4C            00004C            Technical Memorandum

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional				
	Smith, Tony	5.0	86.05	430.28
Technicians				
	Brucker, Carli	10.0	45.96	459.59
	Totals	15.0		889.87
			<b>Fringe</b>	1,334.80
			<b>Overhead</b>	2,644.70

**Total Labor** **2,644.70**

<b>Additional Fees</b>				
Profit			240.29	
	<b>Total Additional Fees</b>		<b>240.29</b>	<b>240.29</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To Date</b>
Total Billings	2,884.99	16,121.46	19,006.45
Limit			22,216.00
Remaining			3,209.55

**Task Total** \$ **2,884.99**

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

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional				
	Smith, Tony	26.5	86.05	2,280.53
Professional				
	Pinckney, Michael	2.0	73.72	147.44
	Totals	28.5		2,427.97
			<b>Fringe</b>	3,641.93
			<b>Overhead</b>	7,215.88

**Total Labor** **7,215.88**

<b>Additional Fees</b>				
Profit			655.61	
	<b>Total Additional Fees</b>		<b>655.61</b>	<b>655.61</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To Date</b>
Total Billings	7,871.49	5,878.00	13,749.49
Limit			20,481.00
Remaining			6,731.51

**Task Total** \$ **7,871.49**

Task 5B		00005B	Evaluation and Recommendation of Water Management Strategies and Projects		
Professional Personnel			Hours	Rate	Amount
Project Professional	Smith, Tony		2.5	86.05	215.14
	Totals		2.5		215.14
			<b>Fringe Overhead</b>	215.14	322.71
				322.71	639.40
<b>Total Labor</b>					<b>639.40</b>
<b>Additional Fees</b>					
Profit					58.09
<b>Total Additional Fees</b>					<b>58.09</b>
<b>Billing Limits</b>		<b>Current</b>	<b>Prior</b>	<b>To Date</b>	
Total Billings		697.49	0.00	697.49	
Limit				156,720.00	
Remaining				156,022.51	
<b>Task Total</b>					<b>\$ 697.49</b>

Task 5C		00005C	Conservation Recommendations		
Professional Personnel			Hours	Rate	Amount
Project Professional	Smith, Tony		5.0	86.05	430.28
Technicians	Brucker, Carli		10.0	45.96	459.59
	Totals		15.0		889.87
			<b>Fringe Overhead</b>	889.87	1,334.80
				1,334.80	2,644.70
<b>Total Labor</b>					<b>2,644.70</b>
<b>Additional Fees</b>					
Profit					240.29
<b>Total Additional Fees</b>					<b>240.29</b>
<b>Billing Limits</b>		<b>Current</b>	<b>Prior</b>	<b>To Date</b>	
Total Billings		2,884.99	0.00	2,884.99	
Limit				21,123.00	
Remaining				18,238.01	
<b>Task Total</b>					<b>\$ 2,884.99</b>

Task 6		000060	Impacts of the Regional Water Plan and Consistency with Protection of Resources		
Professional Personnel			Hours	Rate	Amount
Project Professional	Smith, Tony		5.0	86.05	430.28
Technicians	Brucker, Carli		10.0	45.96	459.59
	Totals		15.0		889.87
			<b>Fringe Overhead</b>	889.87	1,334.80
				1,334.80	2,644.70
<b>Total Labor</b>					<b>2,644.70</b>
<b>Additional Fees</b>					
Profit					240.29
<b>Total Additional Fees</b>					<b>240.29</b>
<b>Billing Limits</b>		<b>Current</b>	<b>Prior</b>	<b>To Date</b>	
Total Billings		2,884.99	0.00	2,884.99	
Limit				28,253.00	
Remaining				25,368.01	
<b>Task Total</b>					<b>\$ 2,884.99</b>

Task 7	000070	Drought Response Information, Activities, and Recommendations		
<b>Professional Personnel</b>				
		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional	Smith, Tony	1.0	86.05	86.05
	Totals	1.0		86.05
		<b>Fringe</b>	86.05	129.08
		<b>Overhead</b>	129.08	255.76
	<b>Total Labor</b>			<b>255.76</b>
<b>Additional Fees</b>				
	Profit			23.24
	<b>Total Additional Fees</b>			<b>23.24</b>
<b>Billing Limits</b>				
	<b>Current</b>	<b>Prior</b>	<b>To Date</b>	
Total Billings	279.00	0.00	279.00	
Limit			15,395.00	
Remaining			15,116.00	
<b>Task Total</b>				<b>\$ 279.00</b>

Task 8	000080	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues		
<b>Professional Personnel</b>				
		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional	Smith, Tony	16.5	86.05	1,419.95
	Totals	16.5		1,419.95
		<b>Fringe</b>	1,419.95	2,129.91
		<b>Overhead</b>	2,129.91	4,220.07
	<b>Total Labor</b>			<b>4,220.07</b>
<b>Additional Fees</b>				
	Profit			383.42
	<b>Total Additional Fees</b>			<b>383.42</b>
<b>Billing Limits</b>				
	<b>Current</b>	<b>Prior</b>	<b>To Date</b>	
Total Billings	4,603.49	279.00	4,882.49	
Limit			12,158.00	
Remaining			7,275.51	
<b>Task Total</b>				<b>\$ 4,603.49</b>

Task 10	000100	Public Participation and Plan Adoption		
<b>Professional Personnel</b>				
		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Professional	Smith, Tony	65.0	86.05	5,593.76
	Jackson, Jennifer	2.0	86.05	172.12
Technicians	Jadhav, Riya	81.0	45.96	3,722.70
	Brucker, Carli	26.0	45.96	1,194.94
Document Processing/Clerical	Thompson, Chris	1.0	39.48	39.48
	Hughes, Tanya	6.0	39.48	236.89
	Totals	181.0		10,959.89
		<b>Fringe</b>	10,959.89	16,439.71
		<b>Overhead</b>	16,439.71	32,572.55
	<b>Total Labor</b>			<b>32,572.55</b>
<b>Additional Fees</b>				
	Profit			2,959.44
Travel - Company Vehicle	<u>Quantity</u>	<u>Rate</u>		
<i>Mileage</i>	1353	0.67	906.51	
	<b>Total Additional Fees</b>			<b>3,865.95</b>



<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To Date</b>
Total Billings	36,438.50	68,999.51	105,438.01
Limit			150,531.00
Remaining			45,092.99

**Task Total** **\$ 36,438.50**

**Project Total** **\$ 108,006.92**

Project 200343.0S 2026 Region D - SUBS  
**Subconsultant Total** **\$ -**

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	0.00	95,267.13	95,267.13
Limit			495,135.00
Remaining			399,867.87

**Project Total** **\$ 108,006.92**

<b>Retainage</b>			
Current Retainage	5,400.35 (5% of 108,006.92)		<b>- 5400.35</b>
Prior Retainage	17,474.89		
Retainage To-Date	22,875.24		

**Please Pay This Amount \$ 102,606.57**

**Budget Category Breakdown**

Salaries & Wages	33,035.22
Fringe	16,517.26
Overhead	48,627.60
Profit	8,920.33
Travel	906.51
Other Expenses	0.00
Subcontractor Services	0.00
<b>Total</b>	<b>108,006.92</b>
Retainage	- 5400.35
<b>Total</b>	<b>102,606.57</b>

**Project Summary**

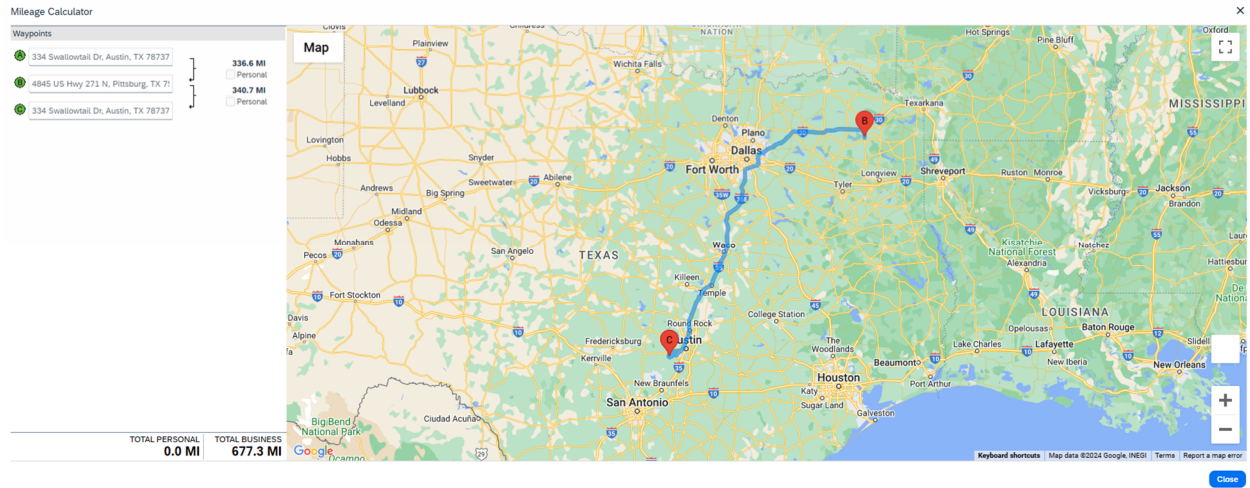
Contract Amount	1,160,954.00
Less Current Invoice	102,606.57
Less Total Retainage to Date	22,875.24
Less Prior Amount Invoiced	332,023.04
Balance Remaining	703,449.15

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

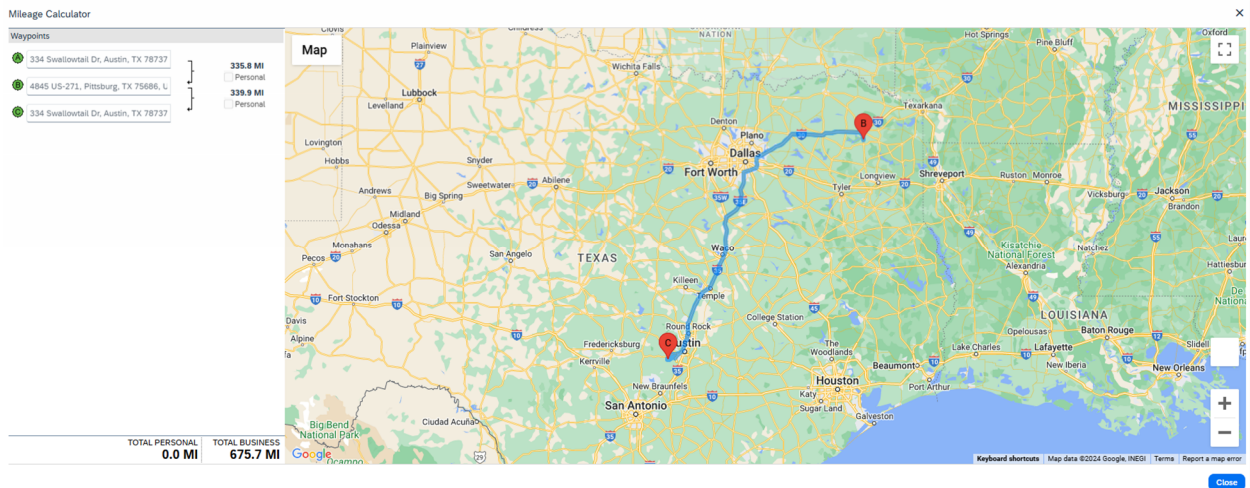
**Outstanding Invoices**

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
FB51904	6/18/2024	34,349.14	1,807.85	34,349.14
<b>Total</b>		<b>172,938.87</b>	<b>9,102.05</b>	<b>172,938.87</b>

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



9/17/2024: Region D Meeting



May 28, 2024: Region D Meeting

$$677.3 + 675.7 = 1,353 \text{ miles.}$$