

NOTICE OF OPEN MEETING

REGIONAL WATER PLANNING GROUP-NETRWPG

Wednesday, July 12, 2023 – 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 July 12, 2023, at 10:00 A.M., the North East Texas Regional Water Planning Group (NETRWPG) will meet in-person. The meeting will be held 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 March 15, 2023 meeting.
4. Reports from liaisons: TWDB Project Manager – TWDB Planner; GMA #8 & #11; Region C & I.
5. Accept resignation of voting member, Bob Tardiff. Consider appointment of successor to the position held by Bob Tardiff. Appointment will be for the remainder of the unexpired term.
6. Discussion and Action as appropriate: Review, discuss, and consider taking action to authorize the technical consultant to submit a technical memorandum, populate, and distribute to the TWDB recommended revisions to the draft municipal population and demands for Region D consistent with the information provided in this meeting, and approve for the consultant to work with the Chair and Administrator to submit further revisions and make responses to revision requests by TWDB by August 11, 2023.
7. Report and discussion from Region D Technical Consultant providing summary of Infeasible Strategy process for Region D.
8. Financial report by Administrator. Approval of invoices of consultant.
9. Further public comment/participation.
10. 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, July 12, 2023**

**Agenda Item 3
March 15, 2023
Meeting Minutes**

**Minutes of the North East Texas Regional Water Planning Group
March 15, 2023 – 10:00 A.M.**

The North East Texas Regional Water Planning Group (NETRWPG) – Region D met in an open meeting on Wednesday, March 15, 2023, 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 10:00 A.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 voting members were present:

Russell Acker	David Akin	Allen Beeler	John Brooks
Joe Bumgarner	Kevin Chumbley	Donnie Duffie	Richard Garza
Cindy Gwinn	Conrad King	Richard LeTourneau	Janet McCoy
Fred Milton	Sharron Nabors	George Otstott	Jim Thompson

The following alternates were present:

Gary Cheatwood	Howdy Lisenbee	Doug Skinner
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The following voting members were absent:

Brandon Belcher	Joe Coats	Andy Endsley	Nicolas Fierro
Billy Henson	Ned Muse	Bob Tardiff	Harlton Taylor

The public was provided an opportunity for comment prior to any action being taken by the planning group. There were no public comments at this time.

John Brooks made a motion to approve the minutes from the October 19, 2022 meeting. Fred Milton seconded the motion. Motion carried, all voting aye.

The interregional planning council met on March 9, 2023. Jim Thompson provided that the meeting laid out an outline of how to move forward. They plan to meet again in June 2023.

Ron Ellis with the Texas Water Development Board (TWDB) provided an update. Mr. Ellis presented information from TWDB on Infeasible Water Management Strategies (WMS). He provided clarification on identifying Infeasible WMSs in the 2021 RWPs provided on January 31, 2023. There are new one-pagers on the Drought of Record, Consistency Reviews found at <https://www.twdb.texas.gov/waterplanning/rwp/education/index.asp>. There are new educational materials posted related to Member Guide and Administrative Guidance found at <https://www.twdb.texas.gov/waterplanning/rwp/regions/newmembers.asp> and <https://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/documents.asp>.

Mr. Ellis skimmed over the timeline for data submission but will refer to the presentation from Tony Smith with Carollo Engineers for a more detailed look at that timeline. He did emphasize that July 14th is the deadline to request revisions for non-municipal demand projections and August 11th is the deadline to request revisions for population and municipal

demand projections. Senate Bill 1511 from the 85th legislative session put into law that the planning groups will look back at the previous plan at the water management strategies and determine if they are feasible or infeasible. Analysis must be completed prior to March 4, 2024 which is the due date for the Technical Memorandum. If infeasible WMSs are identified, planning groups must amend 2021 plans to remove infeasible WMS or WMSP, revise infeasible WMS or WMSP to make feasible, and/or incorporate new WMS or WMSP. RWPG-adopted amendments are due to TWDB June 5, 2024. Planning groups should review strategies & projects that require a permit and/or involve construction and that are shown to be online in 2020 or 2030, are related to new major reservoirs, seawater desalination, Direct Potable Reuse, brackish groundwater, Aquifer Storage & Recovery, and out of state transfers generally require significant resources and time to implement. Analysis is not required for strategies/projects that do not require a permit or involve construction. For more information, please visit the TWDB website and navigate to the 6th planning cycle page. The new webpage can be found here:

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

This page will be updated throughout the cycle with important documents, the working schedule, task organization, newsletters, as well as contract and administrative documents. The email address for the broadcast communications for the planning group is regionalwaterplanning@twdb.texas.gov. No action taken.

There were no reports from Region C, Region I, GMA 8, or GMA 11.

Jim Thompson presented the current slate of officers and liaisons for Region D. Mr. Thompson is the Chair, Richard LeTourneau is Vice Chair, Cindy Gwinn is the Secretary, Joe Bumgarner and John Brooks are the At Large members. Our liaisons are John McFarland for Region I and GMA 11 and Sharon Nabors for Region C and GMA 8. An election of officers is required annually. Everyone currently serving is willing to continue to do so with the exception of Sharon Nabors. She has asked for nominations for someone to take her place. George Otstott has volunteered as the Liaison for Region C and GMA 11. Any nominations can be made by the board at this time. Fred Milton made a motion to approve the slate of officers as is with the exception of George Otstott to replace Sharon Nabors. Janet McCoy seconded the motion. Motion carried, all voting aye.

Tony Smith, Carollo Engineers, provided information on ongoing work during the 2026 water planning process. Mr. Smith presented the budget. We are at 25% of our initial allocation of the budget expended. An overview of the working schedule for the 6th cycle of regional water planning was presented with a focus on the most pressing deadlines. The action to consider today is the approval to submit the technical memorandum. The July to August timeframe will require a review of the draft projections and finalization of the adjustments with TWDB staff. The non-municipal projections are due by July 14th and the municipal projections due by August 11th. He shared the draft municipal projections of population and water demand for Region D. He also made recommendations on revisions to the draft non-municipal demand projections. Municipal population projections by county are based on Texas Demographic Center's county level projections. There are two migration scenarios based on the census from 2010 to 2020. The Texas Demographics Center uses the census information to project out to 2030 to 2060. TWDB extends it further to 2070 to 2080. They develop what the trend is at the county level between those decades. Then they use a

cohort methodology that incorporates migration rates and birth and death rates. They incorporate those various factors into a scenario of population growth at the county level. The TDC projections are available here:

<https://demographics.Texas.gov/Data/TPEPP/Projections>

The difference in data analysis this cycle is in the methodology for population projections. Historical declines in population for a county will be projected to decline through this planning cycle. In the past, the methodology held the population numbers flat. They take the county projections (2030 to 2080) and break those apart into each individual Water User Group (WUG) looking at the CCN, and how it overlaps with the county and its population, what that utility's growth has been relative to the county population growth, and they portion that out by growth rate or by the percentage of the population to dial in to get the trending growth for the utility relative to the county growth rate. It incorporates constant population facilities like prisons, military bases, and universities but it does not capture transient population numbers as in tourism but when the demand is calculated those people are included in the per capita usage. The buildouts are held constant from the 2021 projections. The TWDB shared two region-county projections for the 2030 to 2080 migration scenarios. A 0.5 migration scenario and a 1.0 migration scenario. The migration scenario measures how many in and how many out from each county. The 0.5 scenario looks at the last 10 years and estimates the population will grow half as fast. The 1.0 scenario mimics the last 10 years of growth. There is ongoing coordination with the planning group and TWDB. This can be both helpful and hurtful to individual counties. If population has been increasing, then the 1.0 migration scenario will project a larger increase. If population is declining, then the 1.0 migration scenario projects a faster declination in population. The 0.5 is a more moderate migration scenario. There can be a mix between the two scenarios, not entity by entity but it can be done at the county level. These population numbers are half of the calculation for the water need. The other half is the per capita usage. The question becomes "what can be done to dial in the population growth to be as conservative as we can while we are following the rules set by TWDB? Then what can be done on the demand side of the equation in terms of the per capita usage?" One of the key obligations is that TWDB has population projections from the State of Texas. Therefore, the estimates of growth can be conservative, but TWDB will have a standard as well. Jim Thompson, Region D Chair, stated that it seems this 0.5 or 1.0 migration scenario is the best that can be done. There seems to be a tendency to over-project and overvalue entities that are growing rapidly and undervalue growth in rural areas. He stated that there is a saturation point in every county. People are moving into places where it simply can not hold any more people. Then they will end up moving to more rural areas. Demand is calculated by gallons per capita daily (GPCD). They establish a baseline by issuing water use surveys. The survey breaks down the usage between residential, commercial, institutional, and light industrial. There are many domestic livestock users that are exempt from surface water permitting in the State of Texas. That data is difficult to capture. The projected demand is calculated by taking the baseline GPCD minus plumbing code savings created with new fixtures and appliances and multiply that difference by the population estimate. Carollo dug through the numbers and searched for entities that had their GPCD lowered by the plumbing code savings. The majority had that number lowered by about 10%. One strategy is to remove the plumbing code savings and instead we point to the drought of record in 2011 as the baseline and start there for a higher GPCD. In summary, we will be digging into population growth based on the two migration scenarios, talking with people to identify what more recent information is available, we will look at removing the

passive savings from the GPCD baseline, identify the maximum ‘dry year’ GPCD but still use the TWDB assumed passive savings for decadal projections, we will continue to engage with entities by sending surveys and making calls. There will also be reviews for data errors, new studies, new infrastructure or if your service areas have changed, and if there are any major differences in long-term demand. Don’t forget the revision requests are due August 11, 2023. Water surveys will be mailed to every Water User Group (WUG). If there is not a response, Carollo will reach out to each WUG via phone call, virtual meeting, or physical meeting. During the last planning cycle TWDB provided extra funding to accommodate for travel to every WUG to complete the water use survey. Mr. Smith began his discussion on the non-municipal water demands on which he is requesting action by the Board. Water Demand is Volume of water required to carry out the anticipated domestic, public, and/or economic activities of a Water User Group during drought conditions. Exhibit C of the TWDB Contract identifies what information is required for justification of changes to draft projections. This section provides what evidence the planning group can bring forward to make recommended changes to draft numbers. The draft irrigation 2030 baseline is based on a 2015-2019 average. Then they hold that constant unless there is a limitation on ground water in which case, they will decrease it to whatever that limit on ground water is. Looking at the estimates historically, results in an overall reduction in the projected irrigation demands in the region that is driven by decreases in the past use estimated for those counties with the highest demand. Using the 2015-2019 average excludes the significant 2011 drought. The Board then stated that if the most recent 10 years or less of irrigation trends are more indicative of future trends than the draft water demand projections, then our look-back period can include 10 years ago instead of just 5. For each county we compared the 5-year average to the 10-year average and using the 10-year average is more accurate for trending usage. They used 2011 as a base but didn’t go back that far if another year showed to have higher than average usage. Using the 10-year look-back, there are 10 counties where revision will be necessary because the draft numbers are lower than projections. Those revisions result in an increase in the draft irrigation projections per county. The counties with any adjustments in livestock numbers show an increase in projected demand. There was one big change in that they developed new rates per head of livestock. Some of the factors were increased and some were decreased. The methodology in coming up with the new rates were based on interaction with dairy cattle facilities in west Texas. Those large facilities may have more efficient procedures that would benefit water use strategies for local cattle facilities. There are 13 counties that will be adjusted with the 10-year lookback. Manufacturing methodology will generate county baselines from the highest survey use from 2015-2019, they have an estimate for unaccounted water, and they will produce a linear trend based on county business patterns. We will keep Riverbend Water Resources District listed as a major wholesale water provider and that contractual demand with TexAmericas Center will be captured in analysis. The previous plan used the Eastman Facility in Harrison County entirely for manufacturing. They also have steam electric power capabilities at a 10/90 ratio to manufacturing. Eastman will be listed at 90% towards manufacturing, 10% towards steam electric power generation and we will show a growth estimate of 2500 acre feet in the first decade with a new planned facility coming online. There are 11 counties that will have a revision from the baseline based on the 10-year lookback. The result is an increase in the statewide growth rate compared to the last planning cycle. The information from an update on the mining estimates conducted by the UT Bureau of Geology was reviewed. There are projected increases for Bowie County for aggregate use, Harrison County oil and gas usage is

increasing, and Wood County has increases in both aggregate and oil and gas. Overall, there are no recommended changes for mining. Steam Electric methodology did not change. They have an estimated baseline developed from the highest single-year county surveyed water use between 2015 and 2019 with adjustments reflecting near-term facility additions and retirements and assumed constant projected use through 2080. There are fewer proposed facilities compared to previous plans and removal of retired facilities. This results in a decrease in projections. There are 6 counties with recommendations for changes in steam electric power generation. The decrease in steam electric accounts for facilities going off line and making adjustments in other decreases in Harrison County. Mr. Smith asked for action from the board to authorize the technical consultant to submit the technical memorandum, populate, and distribute to the TWDB including recommended revisions to the draft non-municipal demands for Region D consistent with the information provided in this meeting and approve for the consultant to work with the Chair and Administrator to submit further revisions and make responses to revision request by TWDB by July 14, 2023. A Motion was made by Sharron Nabors as requested and seconded by Kevin Chumley. Motion carried, all voting aye.

Kyle Dooley presented invoices from Carollo Engineers for approval. The invoices are for work spanning from September of 2022 to December 2022. The total for the five invoices is \$14,848.47. Please recall that the original contract includes funding up to around \$205,000 and the amended contract will be approved for around \$607,000. Up to this point \$29,000 has been approved. Fred Milton made a motion to authorize Kyle Dooley to pay the invoices to Carollo. George Otstott seconded the motion. Motion carried, all voting aye.

David Nabors stated that letting water out of reservoirs needs to be slowed or stopped instead of building another reservoir. Janet McCoy asked if we will cover data on the availability of brackish ground water. Tony Smith with Carollo answered, yes, as soon as our attention is diverted from demand to supply.

Next meeting should be scheduled for mid-July which will giving enough time to prepare municipal data similar to the non-municipal data given today. That will give us enough time to meet the August 11th deadline for the municipal data submission.

With no further business to discuss, Jim Thompson adjourned the meeting at 11:42 a.m.

Secretary

Date

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, July 12, 2023**

**Agenda Item 4
Reports From Liaisons**

Region D TWDB Update 7-12-23

1. Updated plumbing code savings and revised draft demand projections released on 5/5/2023.

Projections revisions deadlines have not changed: Non-municipal demand revision requests due 7/14/2023; Population and Municipal Demand revision requests due 8/11/2023.

2. New one-pager: Population Revision Summary

https://www.twdb.texas.gov/waterplanning/data/projections/2027/doc/Summary_PopRevisionRequests.pdf

3. Interregional Planning Council update: IPC met on 11/9/22, 3/9/23, and 5/30/2023. Will meet again on 8/15/23 and 11/30/23. Resources posted on TWDB IPC web page:

<http://www.twdb.texas.gov/waterplanning/rwp/ipc/index.asp>

4. Upcoming critical deadlines and upcoming activities (prior to 3/4/2024 tech memo deadline):

- Approve projections revision requests
- Assess availability and supplies
- Approve and submit hydrologic variance requests
- Present process for identifying potentially feasible strategies for the 2026 regional water plan
- Identify infeasible strategies and projects from 2021 regional water plan

88th Legislature: Bills of Interest that Passed

- **HB 1565 - TWDB Sunset Bill**
 - RWPGs will report on implementation of large projects.
 - RWPGs may plan for conditions worse than drought of record.
 - These provisions already in planning contract.
- **SB 28/SJR 75 - Texas Water Fund**
 - Establishes \$1 billion Texas Water Fund, subject to voter approval, which can provide additional funding for existing TWDB financial assistance programs.
 - Can also fund the New Water Supply for Texas Fund for water supply projects from new sources.
 - At least \$250 million of funds appropriated to the Texas Water Fund must be used for the New Water Supply for Texas Fund
 - The Texas Water Fund will take effect January 1, 2024, if SJR 75 is approved by the voters. All other provisions of SB 28 take effect September 1, 2023.
- **HB 1 - Budget Bill**
 - Passed budget includes additional funding for RWPGs.
 - Specific region amounts to be determined and planning contracts amended in Fall 2023.

88th Legislature: Bill of Interest that did not Pass

- **HB 4373/SB 2108**

- TWDB Legislative priority bills for Regional Water Planning.
- Original bill text would have removed the requirement to place a printed copy of the Initially Prepared Plan (IPP) in each county courthouse and one public library in each county in the planning area.
- Would have also allowed notice of the IPP hearing to be posted on the planning group's website, instead of published in newspapers.

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, July 12, 2023**

**Agenda Item 5
Resignation of Voting Member**

Administrative Summary

Staff recieved a letter from Bob Tardiff dated Saturday, April 8, 2023, submitting his resignation from the Region D WPG. The item on the agenda would be to consider accepting the resignation and opening up this position to nominations as called for in the bylaws. The bylaws call for opening the position for nominations within 45 days of the acceptance of the resignation and having a deadline for nominations between 30-45 days from the date the public notice is posted. If this item is approved the plan would be that nominations would be brought back to the Executive Committee and the full voting membership at the next meeting. Mr. Tardiff did have a nominee in his resignation letter. It was Cory Moose. Mr. Moose is the Utility Director for the City of Lindale, and he is currently Mr. Tardiff's designated alternate.

April 8, 2023

Northeast Texas Regional Water Planning Group D
Jim Thompson, Chair

Subject: Resignation as Voting Member

Dear Mr. Thompson,

I have enjoyed the opportunity to serve as a voting member of the NET Regional Water Planning Group D. The work this group does is critical to the ability of our region to provide an ample supply of fresh water now and into the future.

It is with some regret that I have decided to resign as the Smith County Municipal Representative. At this time, I believe the NET Regional Water Planning Group would be better served with a new voting member to represent Smith County municipalities.

I would like to nominate Cory Moose to replace me as the voting member representing Smith County Municipalities on the NET Regional Water Planning Group D. Mr. Moose is Utility Director for the City of Lindale and is highly respected in his field. I have discussed this with Mr. Moose, and he is willing to serve. I have further discussed this with both Lindale Mayor Jeff Daugherty, and City Manager Carolyn Caldwell. Both are pleased to endorse his nomination. Mr. Moose has served as my Alternate and I believe you have all his contact information. If you need anything else, please feel free to contact me.

Thank you for the opportunity to serve and for your consideration of my nomination of Mr. Moose to serve as my replacement.

Yours Truly,

Bob Tardiff, Councilman-Elect
City of Lindale, Texas

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, July 12, 2023**

**Agenda Item 6
Recommended Revisions to the Region D
Municipal Population and Demands**

Administrative Summary

Region D is trying to submit these municipal population and demand revisions earlier than in past cycles, at the request of TWDB, if it was possible. The Technical Consultant will still be surveying and calling Region D WUGs between now and late-July, and there may be some relevant new information that may warrant an additional revision. If that were to happen, staff requests the option to work with the Chair and the technical consultant to submit additional revisions to TWDB after this first approved submittal so long as that additional submittal happens before the TWDB's August 11, 2023 deadline.

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, July 12, 2023**

**Agenda Item 7
Report from the Region D Technical
Consultant**

**MEETING OF THE
North East Texas Regional Water Planning Group
WEDNESDAY, July 12, 2023**

**Agenda Item 8
Financial Report**

March 8, 2023

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

RE: January 2023 Invoice – 2026 Region D Water Planning
(TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in January 2023, 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	n/a	n/a	n/a
2A	Non-Municipal Water Demand Projections	Review of historical data, analysis, and preparation of draft recommendations and documentation.	WUG engagement, coordination with TWDB, and preparation of recommended revisions to draft projections.	None.
2B	Population and Municipal Water Demand Projections	Initial review of analyses and methods.	Continued review of analyses, preparation of summary and survey material.	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.	Continued internal project coordination and engagement, preparation of material for March 15, 2023 RWPG.	None.

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

Sincerely,

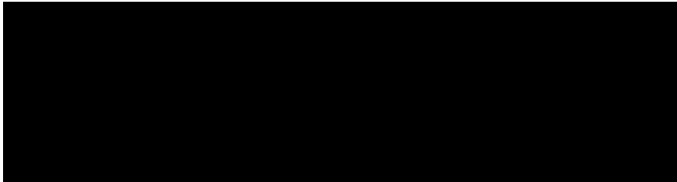
Carollo Engineers, Inc.



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

March 8, 2023
 Project No.: 200343
 Invoice No.: FB32678

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)
 Total Contract: \$200,691

Professional Services from January 01, 2023 to January 31, 2023

Task 2A 00002A Non-Municipal Water Demand Projections

Professional Personnel

		Hours	Rate	Amount
Project Professional	Smith, Tony	15.5	86.05	1,333.89
	Totals	15.5		1,333.89
			Fringe	2,000.82
			Overhead	3,964.30
	Total Labor			3,964.30

Additional Fees

Profit				360.19
	Total Additional Fees			360.19

Billing Limits

	Current	Prior	To Date
Total Billings	4,324.49	12,095.46	16,419.95
Limit			24,152.00
Remaining			7,732.05

Task Total **\$ 4,324.49**

Task 2B 00002B Population and Municipal Water Demand Projections

Professional Personnel

		Hours	Rate	Amount
Project Professional	Smith, Tony	4.0	86.05	344.23
	Totals	4.0		344.23
			Fringe	516.34
			Overhead	1,023.05
	Total Labor			1,023.05

Additional Fees

Profit				92.95
	Total Additional Fees			92.95

Billing Limits

	Current	Prior	To Date
Total Billings	1,116.00	5,697.98	6,813.98
Limit			42,734.00
Remaining			35,920.02

Task Total **\$ 1,116.00**

Task 10 000100 Public Participation and Plan Adoption

Professional Personnel

		Hours	Rate	Amount
Project Professional	Smith, Tony	2.0	86.05	172.11

Professional					
	Pinckney, Michael	1.5	73.72	110.58	
	Totals	3.5		282.69	
			Fringe	282.69	424.03
			Overhead	424.03	840.15
	Total Labor				840.15
Additional Fees					
Profit				76.33	
	Total Additional Fees			76.33	76.33
Billing Limits		Current	Prior	To Date	
Total Billings		916.48	23,738.93	24,655.41	
Limit				56,750.00	
Remaining				32,094.59	
			Task Total		\$ 916.48
<hr/>					
			Project Total		\$ 6,356.97
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Project	200343.0S		2026 Region D - SUBS		
			Subconsultant Total		\$ -
Billing Limits		Current	Prior	To-Date	
Total Billings		0.00	2,932.50	2,932.50	
Limit				52,611.00	
Remaining				49,678.50	
<hr/>					
			Project Total		\$ 6,356.97

Retainage				
Current Retainage	317.85 (5% of 6,356.97)			- 317.85
Prior Retainage	2,223.23			
Retainage To-Date	2,541.08			

Please Pay This Amount \$ 6,039.12

Budget Category Breakdown	
Salaries & Wages	1,960.81
Fringe	980.38
Overhead	2,886.31
Profit	529.47
Travel	0.00
Other Expenses	0.00
Subcontractor Services	0.00
Total	6,356.97
Retainage	- 317.85
Total	6,039.12

Project Summary	
Contract Amount	200,691.00
Less Current Invoice	6,039.12
Less Total Retainage to Date	2,541.08
Less Prior Amount Invoiced	42,241.64
Balance Remaining	149,869.16

**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
FB28651	10/14/2022	5,701.42	300.07	5,701.42
FB29512	11/18/2022	6,587.29	346.70	6,587.29
FB30633	12/16/2023	795.15	41.85	795.15
FB31587	1/12/2023	1,022.19	53.80	1,022.19
Total		14,106.05	742.42	14,106.05

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

March 22, 2023

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

RE: February 2023 Invoice – 2026 Region D Water Planning
(TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in February 2023, 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	n/a	n/a	n/a
2A	Non-Municipal Water Demand Projections	WUG engagement, coordination with TWDB, and preparation of recommended revisions to draft projections	Documentation and submittal of proposed revisions to TWDB.	None.
2B	Population and Municipal Water Demand Projections	Continued review of analyses, preparation of summary and survey material.	Continued review of analyses (migration scenarios, gpcd), continued preparation of survey material.	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, preparation of material for March 15, 2023 RWPG.	Continued internal project coordination and engagement, preparation and presentation of material at March 15, 2023 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

March 22, 2023
 Project No.: 200343
 Invoice No.: FB34383

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)
 Total Contract: \$200,691

Professional Services from February 01, 2023 to February 28, 2023

Task 2A 00002A Non-Municipal Water Demand Projections

Professional Personnel

		Hours	Rate	Amount
Project Professional				
	Smith, Tony	12.5	86.05	1,075.72
	Totals	12.5		1,075.72
			Fringe	1,613.57
			Overhead	3,197.02

Total Labor 3,197.02

Additional Fees

Profit				290.47
	Total Additional Fees			290.47

Billing Limits

	Current	Prior	To Date
Total Billings	3,487.49	16,419.95	19,907.44
Limit			24,152.00
Remaining			4,244.56

Task Total \$ 3,487.49

Task 2B 00002B Population and Municipal Water Demand Projections

Professional Personnel

		Hours	Rate	Amount
Project Professional				
	Smith, Tony	13.0	86.05	1,118.75
	Totals	13.0		1,118.75
			Fringe	1,678.11
			Overhead	3,324.90

Total Labor 3,324.90

Additional Fees

Profit				302.09
	Total Additional Fees			302.09

Billing Limits

	Current	Prior	To Date
Total Billings	3,626.99	6,813.98	10,440.97
Limit			42,734.00
Remaining			32,293.03

Task Total \$ 3,626.99

Task 10		000100		Public Participation and Plan Adoption		
Professional Personnel						
Project Professional		Hours	Rate	Amount		
Smith, Tony		4.5	86.05	387.26		
Totals		4.5		387.26		
		Fringe	387.26	580.89		
		Overhead	580.89	1,150.93		
Total Labor				1,150.93		
Additional Fees						
Profit				104.57		
Travel - Company Vehicle	<u>Quantity</u>		<u>Rate</u>			
Mileage	0		0.585	0.00		
Total Additional Fees				104.57		
Billing Limits						
		Current	Prior	To Date		
Total Billings		1,255.50	24,655.41	25,910.91		
Limit				56,750.00		
Remaining				30,839.09		
Task Total				\$ 1,255.50		
Project Total				\$ 8,369.98		
Project						
200343.0S		2026 Region D - SUBS				
Subconsultant Total				\$ -		
Billing Limits						
		Current	Prior	To-Date		
Total Billings		0.00	2,932.50	2,932.50		
Limit				52,611.00		
Remaining				49,678.50		
Project Total				\$ 8,369.98		
Retainage						
Current Retainage	418.50 (5% of 8,369.98)					- 418.5
Prior Retainage	2,541.08					
Retainage To-Date	2,959.58					
Please Pay This Amount \$ 7,951.48						
Budget Category Breakdown						
Salaries & Wages		2,581.73				
Fringe		1,290.84				
Overhead		3,800.28				
Profit		697.13				
Travel		0.00				
Other Expenses		0.00				
Subcontractor Services		0.00				
Total		8,369.98				
Retainage		- 418.5				
Total		7,951.48				
Project Summary						
Contract Amount		200,691.00				
Less Current Invoice		7,951.48				
Less Total Retainage to Date		2,959.58				
Less Prior Amount Invoiced		48,280.76				
Balance Remaining		141,499.18				

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
FB28651	10/14/2022	5,701.42	300.07	5,701.42
FB29512	11/18/2022	6,587.29	346.70	6,587.29
FB30633	12/16/2023	795.15	41.85	795.15
FB31587	1/12/2023	1,022.19	53.80	1,022.19
FB32678	3/8/2023	6,039.12	317.85	6,039.12
Total		20,145.17	1,060.27	20,145.17

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

April 25, 2023

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

RE: March 2023 Invoice – 2026 Region D Water Planning
(TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in March 2023, 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	n/a	n/a	n/a
2A	Non-Municipal Water Demand Projections	Preparation of documentation and summary information for Region D RWPG Meeting.	Review and submittal of proposed revisions to TWDB.	None.
2B	Population and Municipal Water Demand Projections	Continued review of analyses (migration scenarios, gpcd), continued preparation of survey material.	Distribution of survey material, engagement.	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, preparation and presentation of material at March 15, 2023 RWPG meeting.	Continued internal project coordination and 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

Project Summary

Contract Amount	200,691.00
Less Current Invoice	6,380.67
Less Total Retainage to Date	3,295.40
Less Prior Amount Invoiced	56,232.24
Balance Remaining	134,782.69

**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
FB28651	10/14/2022	5,701.42	300.07	5,701.42
FB29512	11/18/2022	6,587.29	346.70	6,587.29
FB30633	12/16/2023	795.15	41.85	795.15
FB31587	1/12/2023	1,022.19	53.80	1,022.19
FB32678	3/8/2023	6,039.12	317.85	6,039.12
FB34383	3/22/2023	7,951.48	418.50	7,951.48
Total		28,096.65	1,478.77	28,096.65

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

May 8, 2023

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

RE: April 2023 Invoice – 2026 Region D Water Planning
(TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in April 2023, 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	n/a	n/a	n/a
2A	Non-Municipal Water Demand Projections	n/a	Review and submittal of proposed revisions to TWDB.	None.
2B	Population and Municipal Water Demand Projections	Continued preparation of survey material, review of water use surveys.	Revisions to 1.0 and 0.5-migration scenario projections with revised pipeline savings, distribution of survey material, discussions with WUGs.	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, engagement.	Continued internal project coordination and 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

May 8, 2023
 Project No.: 200343
 Invoice No.: FB36203

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)
 Total Contract: \$200,691

Professional Services from April 01, 2023 to April 30, 2023

Task 2B 00002B Population and Municipal Water Demand Projections

Professional Personnel

		Hours	Rate	Amount
Project Professional				
	Smith, Tony	0.5	86.05	43.02
Professional				
	Pinckney, Michael	18.0	73.72	1,326.96
Technicians				
	Harkins, Christian	47.0	45.96	2,160.09
	Totals	65.5		3,530.07
			Fringe	5,295.07
			Overhead	10,491.29

Total Labor 10,491.29

Additional Fees

Profit				953.21
				953.21

Total Additional Fees 953.21

Billing Limits

	Current	Prior	To Date
Total Billings	11,444.50	13,866.97	25,311.47
Limit			42,734.00
Remaining			17,422.53

Task Total \$ 11,444.50

Task 10 000100 Public Participation and Plan Adoption

Professional Personnel

		Hours	Rate	Amount
Project Professional				
	Smith, Tony	1.5	86.05	129.08
Technicians				
	Harkins, Christian	5.0	45.96	229.80
	Totals	6.5		358.88
			Fringe	538.32
			Overhead	1,066.59

Total Labor 1,066.59

Additional Fees

Profit				96.91
Travel - Company Vehicle	<u>Quantity</u>		<u>Rate</u>	
				96.91

Total Additional Fees 96.91

Billing Limits

	Current	Prior	To Date
Total Billings	1,163.50	29,201.40	30,364.90
Limit			56,750.00
Remaining			26,385.10

Task Total \$ 1,163.50

Project Total			\$ 12,608.00
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Project 200343.0S 2026 Region D - SUBS

TASK 2A	00002A	Non-Municipal Water Demand Projections			
Consultants					
Sub-Consultants					
	3/31/2023	HEI	VO1051399	1,329.50	
		Total Consultants		1,329.50	\$ 1,329.50
Task Total					\$ 1,329.50

TASK 10	000100	Public Participation and Plan Adoption			
Consultants					
Sub-Consultants					
	3/31/2023	HEI	VO1051399	4,270.50	
		Total Consultants		4,270.50	\$ 4,270.50
Task Total					\$ 4,270.50
Subconsultant Total					\$ 5,600.00

Billing Limits	Current	Prior	To-Date
Total Billings	5,600.00	2,932.50	8,532.50
Limit			52,611.00
Remaining			44,078.50

Project Total			\$ 18,208.00
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Retainage			
Current Retainage	910.40 (5% of 18,208.00)		- 910.4
Prior Retainage	3,295.40		
Retainage To-Date	4,205.80		

Please Pay This Amount \$ 17,297.60

Budget Category Breakdown		
Salaries & Wages		3,888.95
Fringe		1,944.44
Overhead		5,724.49
Profit		1,050.12
Travel		0.00
Other Expenses		0.00
Subcontractor Services		5,600.00
Total		18,208.00
Retainage		- 910.4
Total		17,297.60

Project Summary		
Contract Amount		200,691.00
Less Current Invoice		17,297.60
Less Total Retainage to Date		4,205.80
Less Prior Amount Invoiced		62,612.91
Balance Remaining		116,574.69

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
FB32678	3/8/2023	6,039.12	317.85	6,039.12
FB34383	3/22/2023	7,951.48	418.50	7,951.48
FB35294	4/25/2023	6,380.67	335.82	6,380.67
Total		20,371.27	1,072.17	20,371.27

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

PROGRESS BILLING

Please submit invoice in one pdf format to: accountspayable@carollo.com

CAROLLO ENGINEERS, INC.

HAYES ENGINEERING, INC.
(SUBCONSULTANT)

If mailing invoice, send to:
4600 W. Washington St., Ste. 500
Phoenix, AZ 85034

2126 Alpine Rd.
Longview, TX 75601-3401
(903) 758-2010

Attn: Accounts Payable

Sent by: Paula Coleman, Ext. 23

Subject: Region D Water Plan

Date sent: 4/11/23

Carollo Project Number: 200343

Hayes Engineering Invoice Number: 11301

Professional Services Period Ending: 3/31/2023

Hayes Engineering Invoice Date: 4/7/2023

Acct'g Item No	Task Summary	Current Period	Previous Billings	Job to Date	Contract Limits	% of Budget
	1		\$ -	\$ -	\$1,435.00	0.00%
	2A	\$ 1,329.50	\$ 2,932.50	\$ 4,262.00	\$4,262.00	100.00%
	2B		\$ -	\$ -	\$4,748.00	0.00%
	10	\$ 4,270.50	\$ -	\$ 4,270.50	\$39,000.00	10.95%
	Total Amounts	\$ 5,600.00	\$2,932.50	\$8,532.50	\$49,445.00	

Prior Billings Not Paid

\$ 2,932.50

Progress Percent Complete (based on completed work)

17.26%

NOTE: SUBCONSULTANT's Current Period Invoice attached.

2126 ALPINE RD.
 LONGVIEW, TX 75601
 +1 9037385460
 paula@hayesengineering.net
 www.hayesengineering.net



INVOICE

BILL TO
 Carollo Engineers, Inc.
 8911 Capital of Texas Hwy. North,
 Bldg. 2, Ste. 2200
 Austin, TX 78759

INVOICE # 11301	DATE 04/07/2023	TERMS Net 30	DUE DATE 05/07/2023
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AMOUNT BILLED TO DATE \$2,932.50	PROJECT NAME Region D Round 6 #200343
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	DESCRIPTION	QTY	RATE	AMOUNT
Task 1	Planning Area Description	0	1,435.00	0.00
Task 2A	Non-Municipal Water Demand Projections	1	4,262.00	4,262.00
Task 2B	Population and Municipal water Demand Projections	0	4,748.00	0.00
Task 10	Public Participation and Plan Adoption	0.1095	39,000.00	4,270.50
				Subtotal: 8,532.50
40 Less Previous Invoices		-1	2,932.50	-2,932.50

Thank you for your business.

BALANCE DUE **\$5,600.00**