#### NOTICE OF OPEN MEETING

#### REGIONAL WATER PLANNING GROUP-NETRWPG

Wednesday, October 19, 2022 – 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 October 19, 2022, 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. Appointment of successor for expiring voting member positions. Terms of each position are for 3 years, commencing on October 1, 2022. Selection process for positions will consider any additional nominations from voting members. Positions to be appointed include positions currently held by Conrad King, John Brooks, Joe Bumgarner, Nicolas Fierro, Cindy Gwinn, Rolin McPhee, Lloyd Parker, and Richard LeTourneau.
- 4. Review and approval of minutes for June 29, 2022 meeting.
- 5. Reports from liaisons: TWDB Project Manager TWDB Planner; GMA #8 & #11; Region C & I.
- 6. Report of Region D consultants. This agenda item includes any update on the methodologies and draft non-municipal water use projections for irrigation and mining released for the RWPG's review.
- 7. Financial report by Administrator. Approval of invoices of consultant.
- 8. Further public comment/participation.
- 9. 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: <a href="mailto:kyledooley@rwrd.org">kyledooley@rwrd.org</a>; Website: <a href="https://rwrd.org/region-d/">https://rwrd.org/region-d/</a>; Attn: Kyle Dooley, P.E., Executive Director

#### MEETING OF THE North East Texas Regional Water Planning Group WEDNESDAY, October 19, 2022

# Agenda Item 3 Appointment of Successor for Expiring Voting Member Positions

#### PUBLIC NOTICE FOR EIGHT TERMS STARTING IN SEPTEMBER OF 2022

Notice is given that the North East Texas Regional Water Planning Group (NETRWPG) is accepting nominations for positions to serve as voting members. Due to the expiring terms of eight positions, appointments will be made for each of the eight terms. State law and the Bylaws of the NETRWPG require diversity in the membership of the NETRWPG. Section 16.053 of the Texas Water Code lists the required interest groups and the requirement that the regional planning groups maintain adequate representation from those interests. Due to existing overlap, members can be selected from any interest group except that one selection must come from the river authorities interest group. To achieve geographical diversity on a county level, selection for terms starting October of 2022, at least one member must come from the following counties: Rains, Red River, Harrison, Titus, and Franklin. The effort to strive to achieve geographical diversity is found in Article V, Section 4 of the NETRWPG Bylaws. Terms are expiring for positions held by Conrad King, John Brooks, Joe Bumgarner, Nicolas Fierro, Cindy Gwinn, Rolin McPhee, Lloyd Parker, and Richard LeTourneau. In this selection process, NETRWPG will strive to achieve interest group, geographic, ethnic, and gender diversity. To be eligible, a person must be qualified as set forth in the NETRWPG Bylaws. The conditions of membership are set forth in the NETRWPG Bylaws. Term limits are established in the Bylaws. Due to term limit bylaw changes, approved by the board this year, all persons with expiring terms in 2022 are eligible for reappointment. This method for submission of nominations shall be to submit nominations to the principal administrative office of the NETRWPG. The mailing address for such office is Riverbend Water Resources District, 228 Texas Ave. Suite A, New Boston, Texas 75570. The deadline for submission is July 31, 2022.

2022				Term Limited		
Expiring Terms	Initial Term Began	New Electee & Start Date	Elected for another term		County	Interest Group
Conrad King	September-2019			No	Wood	River Authority
John Brooks	September-2016			No	Red River	Public
Joe Bumgarner	September-2016			No	Harrison	Industries
Nicolas Fierro	September-2016			No	Titus	Water Districts
Cindy Gwinn	September-2016			No	Cass	Industries
Rolin McPhee	September-2016			No	Gregg	Municipalities
Lloyd Parker	September-2016			No	Franklin	Water Utilities
Richard LeTourneau	September-2016			No	Harrison	Environmental

		Term			
Nominee	Comment	Number	Nominated By	County	Interest Group
Nicolas Fierro	Reappoint Self	3	Self	Titus	Water Districts
John Brooks	Reappoint Self	3	Self	Red River	Public
Conrad King	Reappoint Self	2	Self	Wood	River Authority
Kevin Chumbley	Nominated by Rolin McPhee		Rolin McPhee	Gregg	Municipalities
Cindy Gwinn	Reappoint Self	3	Self	Cass	Industries
Richard LeTourneau	Reappoint Self	3	Self	Harrison	Environmental
Joe Bumgarner	Reappoint Self	3	Self	Harrison	Industries
Newman Browning	Nominated by Lloyd Parker		Lloyd Parker	Franklin	Water Utilities
David Aikin	Nominated by Jim Thompson		Jim Thompson	Franklin	Public

Due to existing overlap, members can be selected from any interest group except that a selection must come from each of the following: One from the river authority interest group

To achieve geographical diversity on a county level at least one member must come from the following counties: Rains, Red River, Harrison, Titus, Franklin

#### MEETING OF THE North East Texas Regional Water Planning Group WEDNESDAY, October 19, 2022

Agenda Item 4 June 29, 2022 Meeting Minutes

#### Minutes of the North East Texas Regional Water Planning Group June 29, 2022 – 10:00 A.M.

The North East Texas Regional Water Planning Group (NETRWPG) – Region D met in an open meeting on Wednesday, June 29, 2022, 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 10:03 A.M. and welcomed everyone. Introductions were made and a quorum was present. Eighteen members of the planning group were present in person or represented by a designated alternate.

The following voting members were present:

John Brooks Joe Bumgarner Donnie Duffie Nicolas Fierro

Richard Garza Cindy Gwinn Billy Henson Richard LeTourneau

Janet McCoy Fred Milton Sharron Nabors George Otstott

Bob Tardiff Jim Thompson

The following alternates were present:

Don Hightower Bill Kirby Kevin Chumley Newman Browning

The following voting members were absent:

Russell Acker Allen Beeler Brandon Belcher Joe Coats
Andy Endsley Conrad King Rolin McPhee Ned Muse

Lloyd Parker 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.

Kathleen Jackson, Texas Water Development Board Director, expressed gratitude for the time, talent and effort of those involved in Region D planning that leads to the State Water Plan. When the Texas Legislature reorganized the TWDB after the drought of 2011, \$2 Billion was committed from the Rainy-Day Fund and put in the State Water Implementation Fund of Texas. This was to motivate movement in large regional projects to create water supply to ensure Texans have water in times of drought as well as plan for those that want to move to Texas. Since the inception of the SWIFT fund, \$9 billion dollars has been committed to projects across the state creating over 1-million-acre feet of new water supply for Texas. These include the integrated pipeline project in Dallas, Bois d' Arc Lake is the first major reservoir to be built in Texas in 30 years, the Luce Bayou connection project in Houston that is meeting 25% of the State's population needs in the Houston area. This project is taking water from the Trinity River and moving it to Lake Houston and then building a new water plant to process that water. Texas receives federal funding through the State Revolving Fund. This fund provides low interest financing or grant money to upgrade aging infrastructure, build new water plants and complete wastewater projects. Please have your officials reach out if you know of a community in need of a State Revolving Fund project. A new role that the Texas State Legislature has given to TWDB is that of creating the first ever State Flood Plan. There are 15 regional flood planning groups structured similarly to the Regional Water Planning Groups. The goal is to have the statewide flood plan complete by 2024. TWDB has provided \$400 Million to the groups to begin the flood planning process and the total in funding should reach \$800 Million. Additional funding will be put into the flood infrastructure fund to continue to assist in flood mitigation. The requirement has been made clear that we can not continue to do things as they were done in the past. We can't wait for a flood to happen before we get prepared. Flood planning needs to be more forward-looking as regional water planning groups have been. About half of the funding was for base level engineering. This provides better maps based on LIDAR which is the use of light detection and ranging technology. This measures the shape of the bowl, hydrology, which is how much water goes into the bowl and how the water moves once it is inside the bowl. This sophisticated mapping helps not only with flood planning, but also mitigation. There is still work to be done but, Texas is making great strides in water planning and flood planning. Ms. Jackson thanked everyone for their efforts and leadership.

Sharron Nabors made a motion to approve the minutes from the April 13, 2022 meeting. John Brooks seconded the motion. Motion carried, all voting aye.

Ron Ellis with Texas Water Development Board (TWDB) provided an update from TWDB. The draft Water User Group (WUG) is set to be approved at this meeting. It is historical data and it a list of the water users in the region. It is based on the final WUGs used last planning cycle plus additions, mergers, and some name changes. Tony Smith will present the list today. July 29, 2022 is the deadline for this group to request changes and return it back to TWDB. This list will be used for municipal projections for this planning cycle. Contract amendments are on the agenda for the July 7, 2022 board meeting. The contract amendments will include the anticipated full project cost, full scope and update contract guidance. The Interregional Planning Council (IPC) will be appointed at the July 7<sup>th</sup> meeting as well. Once that is done, meetings will be scheduled for the IPC to begin their work. On April 11, 2022 the TWDB adopted amendments to the planning rules in chapters 357 & 358. These proposed rules were published on December 31, 2021 in the Texas register. There was a public comment period until January 31, 2022. The public comments received regarding Chapter 357 caused TWDB to pull back 2 of the proposed revisions. There were no changes to Chapter 358 as a result of public comments made. The TWDB board item with the approved detailed changes are available on this site:

https://www.twdb.texas.gov/board/2022/04/Board/Brd04.pdf. For more information, please visit the TWDB website and navigate to 6<sup>th</sup> 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.

There were no updates from GMA #8 or #11 nor from Region C or Region I.

Kyle Dooley provided information on the process of certification of administrative expenses. Per the regional water planning rules, there is a requirement that, during a public meeting, there is a certification that administrative costs are eligible for reimbursement and that they are correct and necessary. Once the certification is acted on, reimbursement requests can be submitted as part of the overall pay requests to TWDB. This item would be a consideration of that needed certification. At this point, any administrative costs that Riverbend incurs has not been able to have been submitted as part of an overall pay request until this certification occurs. A certification can be done at every meeting as needed or the board can make a decision to make a broad certification that would allow Riverbend to move forward with pay requests as administrative invoices are received. Ron Ellis, TWDB, provided that this has not been done historically due to contract managers and administrators not being aware that this rule existed. These are administrative expenses paid by Riverbend to administer the meetings and consultants for Region D, make copies or send notices, and, occasionally salaries or partial salaries for Riverbend employees that complete the administrative tasks for Riverbend. There is a third option to certify expenses annually as well. The contract amount is just over \$200,000. Within that, the administrative costs total approximately \$5,000. All expenses are being tracked and if any costs put the contract over the \$5,000 expectation, Mr. Dooley will let the board know. Jim Thompson recommends approving expenses annually possibly during the summer meeting. If the board discovers that they need to be reviewed more or less often, they can vote on that as well. Sharron Nabors made a motion to certify the administrative expenses annually. Fred Milton seconded the motion. Motion carried, all voting aye.

Tony Smith, Carollo Engineering, working with Stan Hayes with Hayes Engineering, provided information on their work during the 2026 water planning process. He provided a quick snapshot of all the 2026 plan schedule. We are just over halfway through second year of the five-year planning cycle. Through May, they are approximately 7% into the budget allotted for planning. He discussed the draft municipal WUG list, a summary of draft historical municipal population data, historical water use and per capita usage. Contract amendments are coming up close to July or August. Thus far, the information gathered has been related to non-municipal WUG data and the municipal data is coming down the line. He provided that the way Municipal WUGs were defined has changed. It used to be defined as the city boundary and during the last planning cycle it changed to include everything within the utility boundary. Municipal WUGs identification criteria include retail public utilities, owned by a political subdivision providing more than 100 acre-feet per year (AFY) of water for municipal use; privately-owned utilities that request inclusion as an individual WUG, provide more than 100 AFY for municipal use for each owned water system, and are approved for inclusion as an individual WUG by the Regional Water Planning Group (RWPG); water systems of state or federal-owned facilities that request inclusion as an individual WUG, provide more than 100 AFY for municipal use, and are approved for inclusion as an individual QUG by the RWPG; and collective reporting units (CRU) or groups of retail public utilities that have a common association and are requested by the RWPG. In planning, no water provider is left behind. There is also a group called "County-Other" that catches all groups that do not fit in the specific definitions mentioned previously. There are 178 Municipal WUG's within Region D that is included in this water planning cycle. The Texas Water Development Board provides the current WUG list for review. He presented the list of WUGs that the board is obligated to evaluate and identify any revisions, additions or changes that need to be made. Mr. Smith also presented the future Region D Population numbers. Carollo and TWDB reached a number within 5% of the actual census

numbers meaning that comparison of census estimates and interpolated population projection from 2021 Region D Plan suggestion regional population projections are reasonable. These numbers will be reviewed to determine which WUGs or Counties are over-projected or under-projected. When Carollo receives the draft numbers from TWDB, Carollo will bring them to Region D to delve into to discuss and finalize those numbers. Water Demand is projected by multiplying the baseline GPCD by the projected population numbers. Region D has decided that the drought of 2011 is the current baseline. The 2026 water plan baseline GPCD may be different now that there is more information available. The action needed today is approval to submit 6 proposed revisions to the Draft WUG List to TWDB. These revisions include 3 name revisions to new WUGs and 3 name revisions to existing WUGs. Fred Milton made a motion to approve the proposed revisions to the WUG list. Sharron Nabors seconded the motion. Motion carried, all voting aye.

Kyle Dooley provided a financial report from the Administrator. There is one invoice from Carollo Engineers for services for the month of April 2022. As discussed, the contract amount sits at \$200,691 total. The balance remaining is \$189,188.04 and this invoice presented for approval is for the amount of \$3,048.07. Richard LeTourneau made a motion to approve the payment of that invoice. Richard Garza seconded the motion. Motion carried, all voting aye.

Mr. Dooley provided information on putting out notice for the expiring terms for 2022. The notice will go up today or tomorrow on the Riverbend website. The deadline for nominations is July 31, 2022. The Executive Committee will review nominations at the next board meeting and make recommendations to the full board during the regular meeting.

The next Region D meeting will be in late September or early October.

The public was provided a second opportunity for comment. David Nabors asked a question of Kathleen Jackson or Ron Ellis from TWDB regarding purchasing land that may or may not be inundated by the possibility of Marvin Nichols Reservoir. Ron Ellis provided that regional water planning strategies and processing as well as TWDB rules and laws are not related to real estate law. Jim Thompson suggests that Mr. Nabors contact a real estate lawyer.

With no further business to discuss, Jim Thomp	son adjourned the meeting at 11:08 a.m.
Secretary	Date

#### MEETING OF THE North East Texas Regional Water Planning Group WEDNESDAY, October 19, 2022

#### Agenda Item 5 Reports From Liaisons

#### Region D TWDB Update 10-19-22

#### 1. Upcoming contract amendments:

- Will be routing through DocuSign for signature soon.
- Contract amendments will include anticipated total project cost, full scope of work, and updated contract guidance documents (Exhibits C and D).

#### 2. Interregional Planning Council update:

■ First meeting scheduled for November 9, 2022. Meeting will be held in Austin with a virtual component.

#### 3. New one-pager: Water Supply and Flood Mitigation Strategies

http://www.twdb.texas.gov/waterplanning/rwp/education/WaterSupply and FloodMitigationProjects.pdf?
 d=15834.899999976158

### **Projections Timeline**

Draft Water Demand Projections	Timeline
Livestock, Manufacturing, Steam-Electric Projections + Supporting Data	January 20, 2022
Water User Group List + Historical Population, Connections, Net Use, GPCD	March 16, 2022
DUE: RWPGs review WUG list + historical WUG data	July 29, 2022
Irrigation, Mining Projections + Supporting Data	August 23, 2022
Non-municipal Basin Splits	August 23, 2022
Population Projections + Plumbing Code Savings + Municipal Demand Projections	February 2023
DUE: RWPGs request revisions for non-municipal demand projections	July 14, 2023
DUE: RWPGs request revisions for population and municipal demand projections	August 11, 2023
TWDB Board Meeting to Adopt Projections	Fall 2023
DUE: Technical Memorandum	March 4, 2024

### **Important Considerations**

- All data released thus far is available online
  - Interactive dashboards
  - Underneath each dashboard is Excel file format + methodology summaries
- https://www.twdb.texas.gov/waterplanning/data/projections/2027/projections.asp
- Timeframe for reviewing draft population and municipal demand projections is ~6 months
  - Regions should meet soon after release and develop strategy for meeting the deadline
  - Regions are strongly encouraged to submit non-municipal revisions requests before municipal data release
  - Declines in population will be reflected in the draft population projections

### Important Considerations (cont.)

- Planning groups must take action to approve submitting revisions requests
- Planning groups encouraged to coordinate with TWDB as early as possible on potential revisions
- Guidance regarding projections revisions provided in RWP contract Exhibit C, Section 2.2
- TWDB staff available for assistance and to provide projections presentations
- RWP grant funds may not be used for revisions to TWDB Board-adopted projections

#### MEETING OF THE North East Texas Regional Water Planning Group WEDNESDAY, October 19, 2022

# Agenda Item 6 Report from the Region D Technical Consultant

## Region D Water Planning

Consultant Presentation



#### 2026 Plan Schedule

Sixth Cycle of Regional Water Planning (2026 Regional Water Plans) Working Schedule (as of October 2021)<sup>A</sup>



			Planning			2021				2022						2023								2024									2025							1							
Item	Entity	Activity	SOW Task # <sup>B</sup>	5 5	2 2	nd Ag	e -	90	e t	۸٥	2 c	Q.	- Fe - 10	A.	5 -	s s	de	à	y	c 9	Je.	J.	ay a	_	Sin Oc	t	10	20 00	0	lar	- La	An a		90	0.	t 8	oc.	c	0	2 2	À	-		9 0	t	۸۵	y
1	TWDB	RFA for regional water planning grant posted and applications		2 3	2	Арр	dication	s due 4/	12/2021	2	0 2	ŭ.	2 4	2	3 3	4	3	2	٥	2 2	2	4	2 3	Ĭ	4 8		2	6 3		2	4	2 3		Ž.	Š	0 2	6	1/9	-	2 4	>	3	3 4	ž Š	٥	2 6	٦
2	TWDB/RWPG	Initial planning contract execution deadline		П	П		П		Contract	s execu	ited by	8/31/	20201	П	$\top$	П	П	╓	П	$\top$	П	Ħ	$\top$	П	$\top$	T	П	十	T	П	T	$^{\dagger}$	T	П	T	$^{\dagger}$	П	П	$\top$	T	П	$\forall$	T	Ť	Н	十	1
3	TWDB/RWPG	Anticipated additional contracting activities		H	Н	$\top$	Н	П	Т	П						Т	Н	$\blacksquare$	Н	T	П	Ħ	$\top$	Н		t	Ħ	T	T	Н	T	Ť	Ť	П	T	$^{\dagger}$	Ħ	П	$\top$	T	П	$\forall$	Ť		П	十	1
4	TWDB	Regional Water Planning rules update		Н							Г	П		П	T	П	П		H	Ť	П	Ħ	$\top$	П					T	П	T	$^{\dagger}$	T	П	T	$^{\dagger}$	П	П	$\top$	T	П	$\forall$					
5	TWDB	TWDB/BEG Mining study	2A		П		П	П		П							П	$\vdash$	П	Ť	П	Ħ	T	П		Т	П	T	T	П	T	$^{\dagger}$	Ť	Ħ	T	$^{\dagger}$	П	П	$\top$	T	П	$\top$	T	Т	П		1
6	RWPG	RWPGs hold pre-planning & coordination meeting (before technical work begins)	10	П	П			П		П	T	П		П	T		П	Г	П	T	П	T	T	П	T	T	П	T	T	П	T	T	Ť	П	T	T	П	П	$\top$	T	П	$\forall$	T	T	Н	十	1
7	TWDB	Municipal WUG list, GPCD, historical population, and water use released	28	П	П	$\top$	П	П		П		П		П	$\top$	П	П	Г	П		П	$\top$	$\top$	П		Τ	П	T	T	П	T	T	T	П	T	T	П	П	$\top$	T	П		$\top$	T	П	$\sqcap$	1
8	RWPG	Review municipal WUG list, GPCD, historical population, and water use; provide feedback to TWDB	28	П	П		П	П		П		П							П					П			П			П				П			П				П				П	$\Box$	1
9	TWDB	Draft Livestock, Manufacturing, and Steam Electric Power demand projections released	2A	П	П		П	П		П				П					П		П		T	П			П			П		T	T	П		T	П				П			T	П	$\Box$	1
10	TWDB	Draft Irrigation and Mining projections released	2A		П		П	П		П				П										П			П					T		П		T	П								П	$\Box$	1
11	TWDB	Draft Population and Municipal demand projections released	28	П	П		П	П		П				П			П	П	П			П	Т	П		Г	П			П	Т	Τ	Т	П		Τ			Т	Т	П			Т	П	П	1
12	RWPG	Review draft projections and finalize adjustments with TWDB staff	2A, 2B		П		П	П		П																	П			П		T	T	П		T	П				П				П	$\Box$	1
13	TWDB	TWDB Board adopts projections	2A, 2B		П		П	П		П				П										П								T	Τ	П		Τ								T		$\Box$	]
14	TWDB	DB27 prepared for data entry <sup>C, O</sup>			П			П																			П					I				I									$\Box$	$\coprod$	]
15	TWDB/RWPG	DB27 individualized training for consultants			П			Ш																																				L		$\Box$	]
16	TWDB	Updated MAGs released		П	П		П	П																П			П		Г			Ι	Τ	П		Τ				Т				Τ	$\Box$	$\Box$	1
17	RWPG	Evaluate water availability and existing water supplies			П			Ш																																					$\square$	$\Box$	
18	RWPG	Identify water needs			Ш			Ш		Ш	$\perp$			П																		$\perp$													$\square$	$\prod$	
19	RWPG	Technical Memo due			Ш		Ш	Ш						Ш																	Techni	ical M	lemo	due 3/	4/2024										$\prod$	$\Box$	]
20	RWPG	Identify potentially feasible WMSs		П	П		П	П		П	Τ			П	Т		П						Т	П																				Τ	$\Box$	$\Box$	1
21	TWDB/RWPG	Review and negotiate SOW submittals for WMS evaluations and issue notice-to-proceeds <sup>E</sup>		П	П		П	П		П	Τ			П	Т						П	П	Т	П									Т						$\Box$	Τ				Τ	$\Box$	$\Box$	]
22	IPC	Interregional Planning Council report due to the TWDB			$\prod$			$\prod$			$\perp$			$\prod$																	IPC Re	port d	due 3/	3/202	4	$\Gamma$											
23	RWPG	Initially Prepared Plan due		Ш	$\prod$		Ш	$\prod$			$\prod$			$\prod$	$\perp$					$\perp$				$\prod$			$\prod$					$\perp$				$\perp$				IPP	due 3	/3/202	25	$\prod$			
24	TWDB	Socioeconomic Impact Report released to RWPGs		Ш	$\prod$		П	$\prod$		$\prod$	Ι			$\prod$	Ι					Ι				$\prod$			$\prod$	Ι	Γ			Ι	Ι	$\prod$		Ι											
25	RWPG	Final Plan due		П	П		П	П	T	П	Τ	П		П	T	П	П		П	T	П	Т	Т	П	T	Г	П	T	Γ	П	T	T	Т	П	T	T	П		T	Γ	RWP	due 1	0/20/	2025		$\Box$	1
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Notes: A Estimated timeline based on currently available agency resources and subject to change

<sup>&</sup>lt;sup>8</sup> Only Tasks included in the initial contract scope of work have task numbers in this initial timeline.

 $<sup>^{\</sup>rm C}$  DB27 is the updated, online water planning database for the 2027 State Water Plan

<sup>&</sup>lt;sup>0</sup> Anticipated database availability dates are estimates based on currently available agency resources

Subject to available funding

### 2026 Plan Schedule Detail

Date	Scheduled Events/Tasks
April 2022	Region D Meeting – Initial Non-Municipal data summary on Draft Livestock, Manufacturing, and Steam-Electric Power Generation
July 2022	Municipal WUG List, Draft Historical Population, Water Use, and GPCD
Sept. 2022	TWDB releases remaining Draft Non-Municipal data for Irrigation and Mining for review
Oct 2022	Region D Meeting – Non-Municipal Data summary on Draft Mining and Irrigation Projections
Nov 2022	Contract Amendments
Feb 2022	TWDB (tentative) releases Municipal population and water demand projections

### 2026 Planning Budget Progress

	g rigit ig ri			
Task#	Task	Contract Amount	Expended to Date	% Complete
1	Planning Area Description	\$16,231	\$0	0%
2A	Non-Municipal Water Demand Projections	\$28,414	\$7,393.46	26%
2B	Population and Municipal Water Demand Projections	\$47,482	\$4,860.99	10%
3	Water Supply Analyses	n/a	n/a	0%
4A	Identification of Water Needs	n/a	n/a	0%
4B	Identification of Potentially Feasible WMSs and WMS Projects	n/a	n/a	0%
4C	Prepare and Submit Technical Memorandum	n/a	n/a	0%
5A	Evaluation and Recommendation of WMSs and WMS Projects	n/a	n/a	0%
5B	Water Conservation Recommendations	n/a	n/a	0%
6	Impacts of Regional Water Plan	n/a	n/a	0%
7	Drought Response, Activities & Recommendations	n/a	n/a	0%
8	Recommendations Regarding Unique Stream Segments and/or Reservoir Sites and Legislative & Regional Policy Issues	\$10,648	\$0	0%
9	???	n/a	n/a	0%
10	Public Participation and Plan Adoption	\$97,916	\$17,361.95	18%
11	Implementation and Comparison to the Previous Regional Water Plan	n/a	n/a	0%
12	???	n/a	n/a	0%
	TOTAL	\$200,691	\$29,616.40	15%

### Today's Discussion

Summary of Irrigation and Mining Methodologies and Draft projections

No Action Sought

## Non-Municipal Demands

## Non-Municipal

- Livestock
- Manufacturing
- Steam-Electric Power Generation
- Irrigation
- Mining

### Methodology: Irrigation

## 2030 Baseline based on average of recent annual irrigation water use

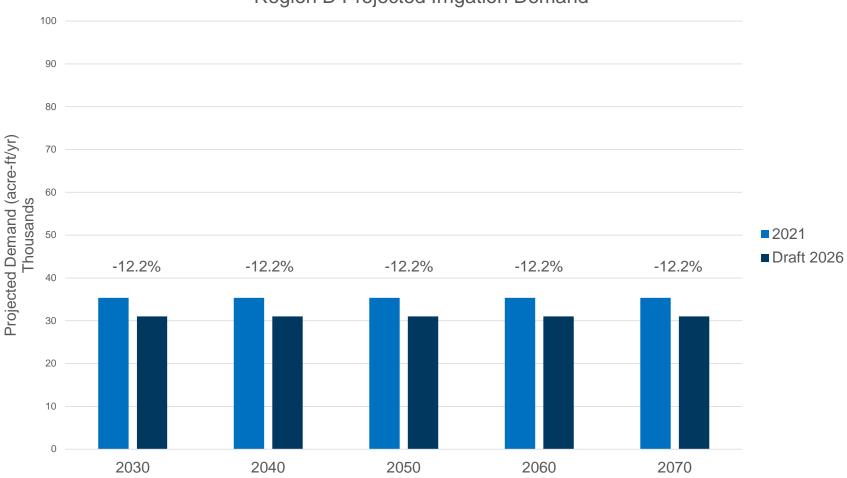
Reported data from 2015-2019

#### Assumed constant over planning period

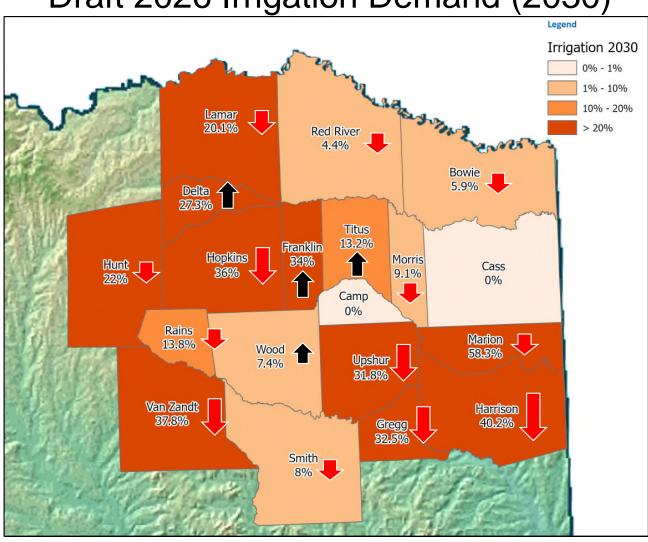
- Unless groundwater availability over the planning period is projected to be less than the groundwater-portion of the baseline irrigation demand projections,
- If so, irrigation demand is commensurately decreased starting in 2040 or later.

#### Comparison of Draft 2026 Irrigation Projections to 2021 Plan

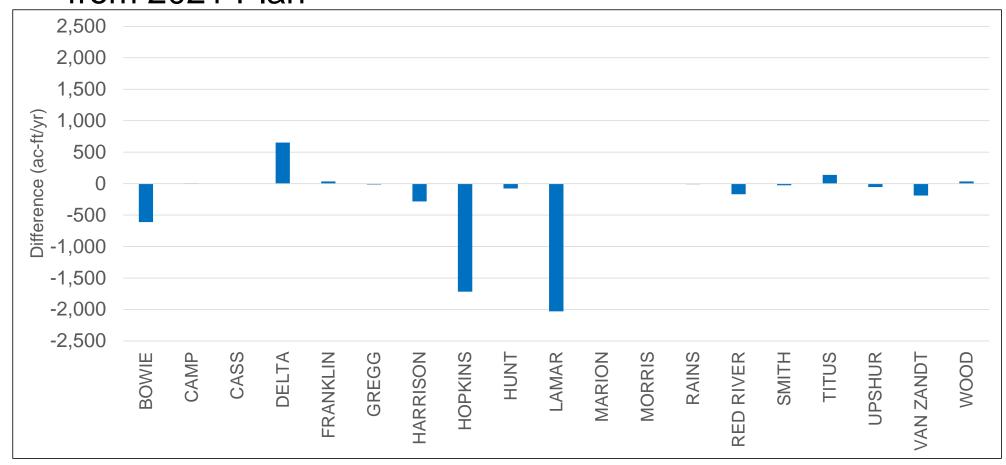




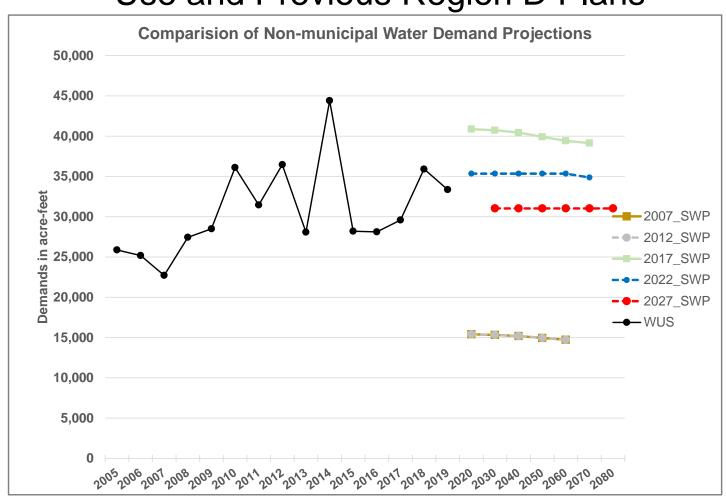
#### Draft 2026 Irrigation Demand (2030)



## Difference in Projected 2030 Irrigation Demand from 2021 Plan



## Historical Comparison to Reported Irrigation Use and Previous Region D Plans



### Assessment - Irrigation

Overall reduction in projected irrigation demands

Relatively small compared to other larger demands of Region D.

Lamar County warrants particular attention.

- Most impacted from 2021 Plan.
- For previous planning, received from Daisy Farms and Hon. M.C. Superville, Jr. (Lamar Co. Judge) requesting increase in demands by 15,000 ac-ft/yr, which was approved by RWPG and TWDB.



### Methodology: Mining

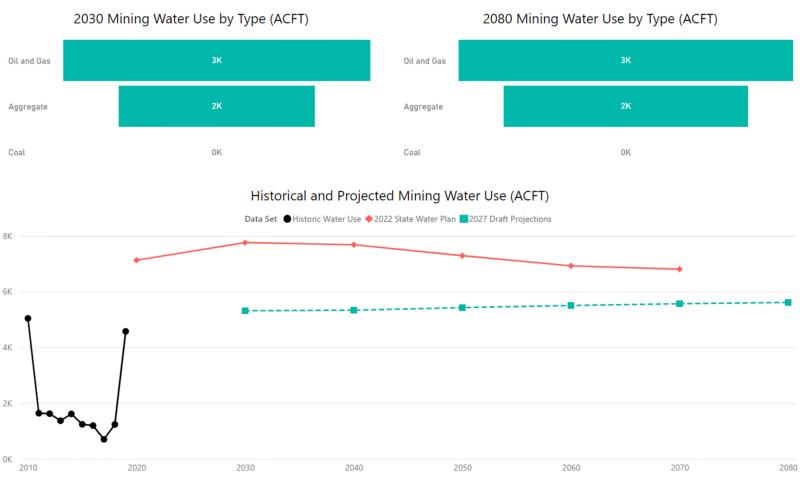
## UT Bureau of Economic Geology (UTBEG) recently contracted study update

- Evaluated major mining operations across Texas
- Oil & Gas, aggregates, and coal & lignite

## 2030 Baseline based on average of recent annual irrigation water use

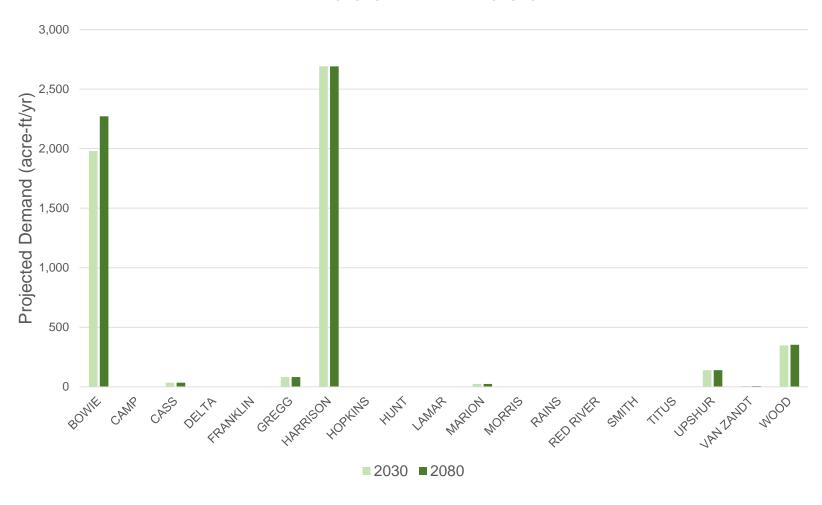
- Demand for aggregates increase in proportion to population growth.
- O&G consistent then tailing off as plays mature starting around 2060.

## Comparison of Region D Historic Mining Water Use and Projections



15

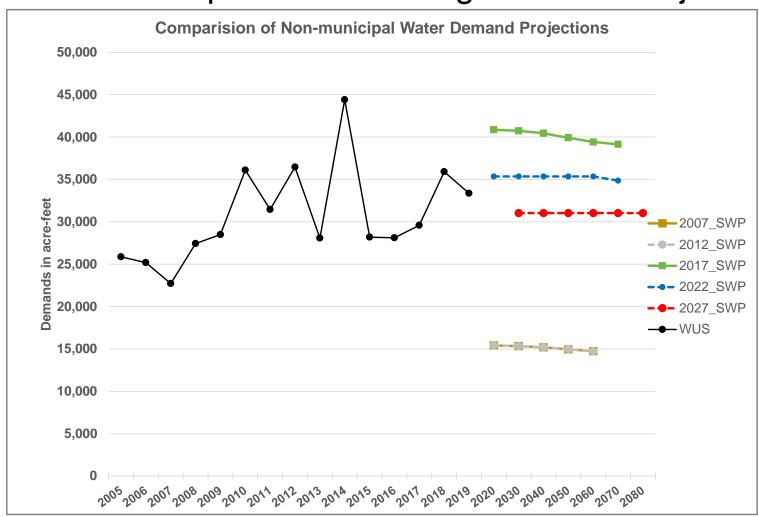
## Draft Projected Mining Demand 2030 and 2080



## Mining Comparison 2021 Plan and 2026 Draft Projected Demands

				2021 Re	gional Wate	er Plan Proj	ections		2	026 DRAFT	Regional W	Vater Plan I	Projections				Difference		
Region	County	WUG Name	2020	2030	2040	2050	2060	2070	2030	2040	2050	2060	2070	2080	2030	2040	2050	2060	2070
D	BOWIE	MINING	0	0	0	0	0	0	1,981	1,998	2,088	2,164	2,225	2,272	1,981	1,998	2,088	2,164	2,225
D	CAMP	MINING	12	11	10	9	8	7	0	0	0	0	0	0	-11	-10	-9	-8	-7
D	CASS	MINING	39	58	60	45	30	20	35	35	35	35	35	35	-23	-25	-10	5	15
D	DELTA	MINING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	С
D	FRANKLIN	MINING	5	5	4	4	3	2	0	0	0	0	0	0	-5	-4	-4	-3	-2
D	GREGG	MINING	274	433	429	337	246	180	82	82	82	82	82	82	-351	-347	-255	-164	-98
D	HARRISON	MINING	2,498	2,077	1,740	1,412	1,088	855	2,691	2,691	2,691	2,691	2,691	2,691	614	951	1,279	1,603	1,836
D	HOPKINS	MINING	1,031	1,124	1,222	1,329	1,446	1,577	2	2	2	2	2	2	-1,122	-1,220	-1,327	-1,444	-1,575
D	HUNT	MINING	128	118	88	71	58	47	0	0	0	0	0	0	-118	-88	-71	-58	-47
D	LAMAR	MINING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o
D	MARION	MINING	489	764	712	595	478	393	24	24	24	24	24	24	-740	-688	-571	-454	-369
D	MORRIS	MINING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o
D	RAINS	MINING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o
D	RED RIVER	MINING	4	4	3	3	3	3	0	0	0	0	0	0	-4	-3	-3	-3	-3
D	SMITH	MINING	287	309	341	394	438	497	0	0	0	0	0	0	-309	-341	-394	-438	-497
D	TITUS	MINING	1,644	1,775	1,909	2,055	2,216	2,392	0	0	0	0	0	0	-1,775	-1,909	-2,055	-2,216	-2,392
D	UPSHUR	MINING	379	726	771	609	450	333	139	139	139	139	139	139	-587	-632	-470	-311	-194
D	VAN ZANDI	MINING	300	319	358	396	430	470	6	6	6	6	6	6	-313	-352	-390	-424	-464
D	WOOD	MINING	25	25	23	21	20	19	347	349	351	352	353	353	322	326	330	332	334

#### Historical Comparison of Mining Use and Projections



### Assessment - Mining

Overall reduction in projected mining demands

None appear to be affected by groundwater availability

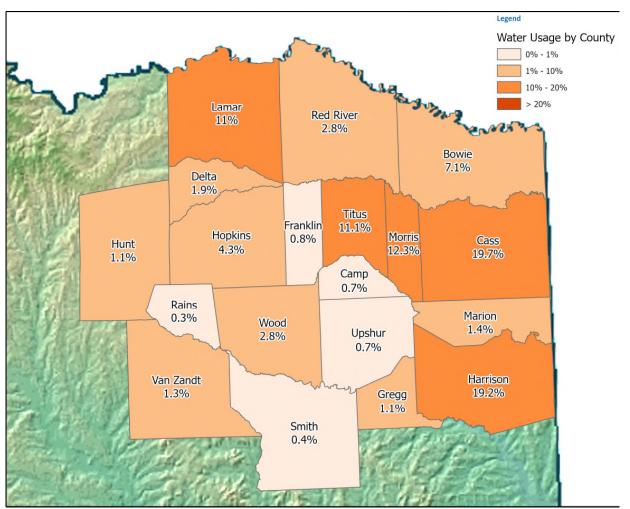
Relatively small compared to other larger demands within Region D.

Most counties are reduced from the last round, but there are increases for:

DH0

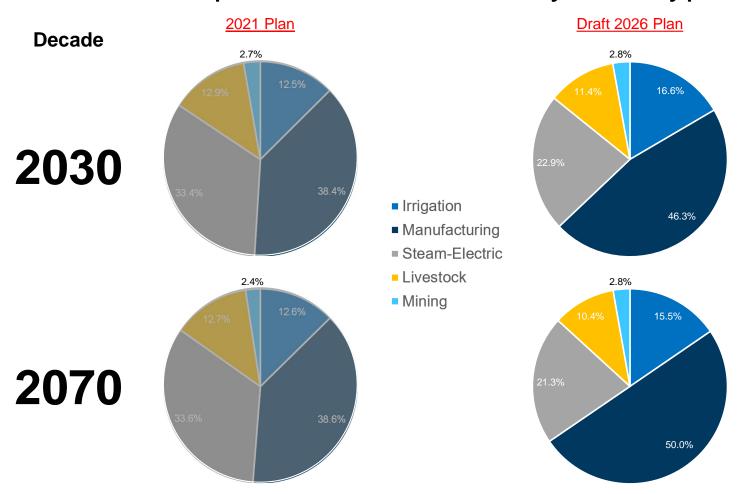
- Bowie County
- Harrison County
- Wood County

### Total Draft Non-Municipal Demand Spatial Distribution (2030)

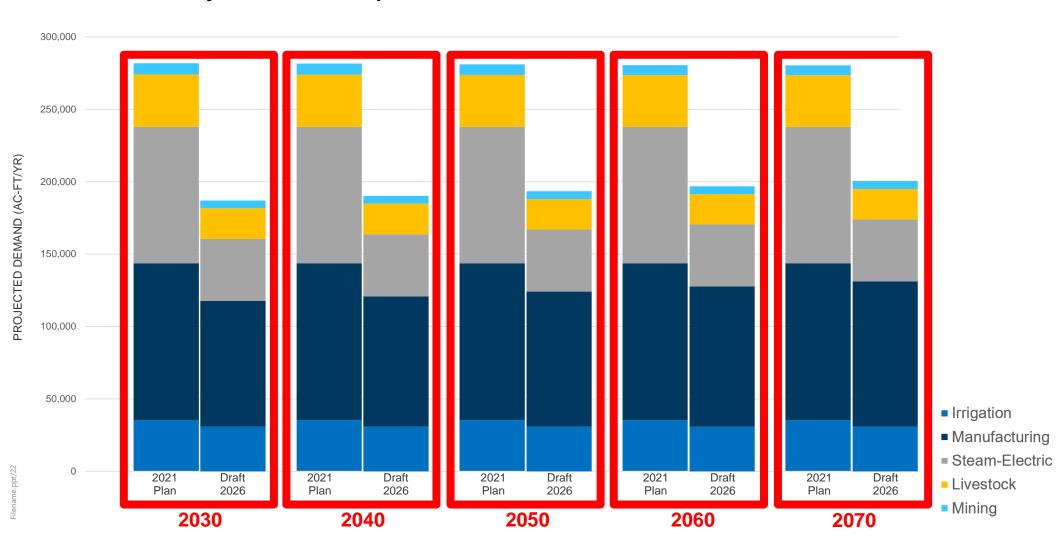


20

## Change from 2021 lan in terms of the Proportions of Demand by Use Type



## Summary and Comparison of Draft Demands to 2021 Plan



## Today's Message on Non-Municipal Demands

#### These are **Draft** amounts

# TWDB's process is to now incorporate information from region/local sources

- Coordinate with TWDB to discuss application of methods and clarifications
- Soliciting input

## No action sought today

 but recommendations forthcoming (likely Q1 2023)

## Submittal due July 2023

• (but we'll want to submit sooner)

# Path Forward

Execution of consultant contract amendments

Continue engagement

Seek Action on Proposed Demand Revisions at future meeting

# Questions?

Tony L. Smith, P.E. Carollo Engineers, Inc. Office: 512-427-8151 TLSmith@Carollo.com

### MEETING OF THE North East Texas Regional Water Planning Group WEDNESDAY, October 19, 2022

Agenda Item 7 Financial Report



April 12, 2022

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

RE: March 2022 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 2022, under the above referenced contract. The Carollo Team has been working on the following items for the 2026 Region D Regional Water Plan:

- 1. Review of Draft non-municipal projection data; and
- 2. Preliminary review of historical use and per capita usage; and
- 3. Preparation of presentation material for RWPG meeting; and
- 4. Performed internal project management and coordination.

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** 

200343 | 2026 Region D Progress Rpt March 2022.docx







Attn: Mr. Kyle Dooley, P.E., Executive Director/CEO April 12, 2022

228 Texas Ave., Suite AProject No.:200343New Boston, TX 75570Invoice No.:FB21748

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

Total Contract: \$200,691

#### Professional Services from March 01, 2022 to March 31, 2022

Task 2A	00002A	Non-Municipal	Water Demand Pro	ojections			
Professional Perso	onnei	,	Hours	Rate	Amount		
Project Profession	nal	•	iouis	Rate	Amount		
,	Smith, Tony		5.0	86.05	430.28		
		Totals	5.0		430.28		
			Fringe	430.28	645.42		
			Overhead	645.42	1,278.80		
		Total Labor					1,278.80
Additional Fees							
Profit					116.19		
		Total Additional Fees	1		116.19		116.19
Billing Limits		Current	Prior	To Date			
Total Billings		1,394.99	279.00	1,673.99			
Limit		2,0000	_,,,,,	24,152.00			
Remaining				22,478.01			
-							
			Task Total	<u></u>		\$	1,394.99
Task 2B	00002B	Donulation and	Municipal Water (	Demand Projections			
rask 20 Professional Perso		Population and					
Torcasional Ferse	,,,,,,,	ŀ	Hours	Rate	Amount		
Project Profession	nal	•	104.5	11000	ranounc		
.,	Smith, Tony		1.0	86.05	86.05		
		Totals	1.0		86.05		
			Fringe	86.05	129.08		
			Overhead	129.08	255.76		
		Total Labor					255.76
Additional Fees Profit					23.24		
riuii		Total Additional Fees	•		23.24 <b>23.24</b>		23.24
		i Juli Additional 1 CCS			23.24		23.27
		C					
Billing Limits		Current	Prior	To Date			
<b>Billing Limits</b> Total Billings		279.00	<b>Prior</b> 0.00	<b>To Date</b> 279.00			
Total Billings				279.00			
Limit			0.00	279.00 42,734.00 42,455.00			
Total Billings Limit				279.00 42,734.00 42,455.00		\$	279.00
Total Billings Limit Remaining	000100	279.00	0.00	279.00 42,734.00 42,455.00		<u>\$</u>	279.00 — — — — —
Total Billings Limit Remaining		279.00 	Task Total Task Total Task Total	279.00 42,734.00 42,455.00		\$	279.00 — — — — —
Total Billings Limit Remaining  Task 10  Professional Perso	onnel	279.00 	0.00	279.00 42,734.00 42,455.00		\$	279.00 — — — — —
Total Billings Limit	onnel	279.00 	Task Total Task Total Task Total	279.00 42,734.00 42,455.00		\$	279.00 

<b>Additional Fees</b> Profit		Total Labor		Fringe Overhead	516.34 774.51	774.51 1,534.57 139.43 <b>139.43</b>		1,534.57 139.43
Billing Limits Total Billings Limit Remaining		<b>Curre</b> 1,674		<b>Prior</b> 4,667.48	<b>To Date</b> 6,341.48 56,750.00 50,408.52			
				Task Total			\$	1,674.00
				Project To	tal		\$	3,347.99
Project	200343.0S			2026 Region Subconsult		- — — —	<u> </u>	· -
<b>Billing Limits</b> Total Billings Limit Remaining			<b>Curren</b> 0.00	_	<b>0.00</b>	70-Date 0.00 52,611.00 52,611.00		
				Project To	<del></del> tal	- – – –	<b>\$</b>	
Retainage Current Retaina Prior Retainage Retainage To-D	_	167.40 (5% of 3,3 247.32 414.72	347.99)					- 167.4
					Please Pay 1	his Amount	\$	3,180.59
Less Tota	Contract Amount Less Current Invoice al Retainage to Date or Amount Invoiced Balance Remaining	: :	200,691.00 3,180.59 414.72 4,699.16 192,396.53					

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
FB20236	2/18/2022	4,301.59	226.40	4,301.59
FB21075	3/14/2022	397.57	20.92	397.57
Total		4,699.16	247.32	4,699.16



July 1, 2022

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

RE: May 2022 Invoice – 2026 Region D Water Planning (TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in May 2022, under the above referenced contract. The Carollo Team has been working on the following items for the 2026 Region D Regional Water Plan:

		Current	Future	Problems
Task No.	Task Description	Progress	Progress	Encountered/Resolution
1	Planning Area Description	n/a	n/a	n/a
2A	Non-Municipal Water Demand Projections	Continued analyses of non-municipa projections and engagement.	Continued engagement and analyses.	None.
2B	Population and Municipal Water Demand Projections	Continued updating contact lists, review of WUG list, initial engagement.	Continuing review of reporting of historical uses and per capita usage calculations.	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	Coordination with Administrator and TWDB staff.	Continue coordination and preparation for 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

200343 | 2026 Region D Progress Rpt May 2022.docx







July 1, 2022

Attn: Mr. Kyle Dooley, P.E., Executive Director/CEO

228 Texas Ave., Suite AProject No.:200343New Boston, TX 75570Invoice No.:FB24512

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)

Total Contract: \$200,691

#### Professional Services from May 01, 2022 to May 31, 2022

00002A	Non-Municipal	Water Demand Pr	oiections		
	non ramapa	Trace: Demana : 1	ojections		
		Hours	Rate	Amount	
nal					
Smith, Tony		4.0	86.05	344.23	
	Totals	4.0			
		_			
		Overhead	516.34	1,023.05	
	Total Labor				1,023.05
				00.05	
					22.25
	Total Additional Fees	5		92.95	92.95
	Current	Prior	To Date		
	,	,			
			21,222.52		
			ŕ		
		Task Tota	<u></u>	\$	1,116.00
00002B	Population and	d Municipal Water	Demand Projections		
	i opalación an	a i iaineipai ivacei i	Jemana i rojectionis		
		Hours	Rate	Amount	
nal					
Pinckney, Micha	el	6.0	73.72	442.32	
	Totals	6.0		442.32	
		Fringe	442.32	663.47	
		Overhead	663. <del>4</del> 7	1,314.56	
	Total Labor				1,314.56
	Total Labor				1,314.56
				119.44	,
	Total Additional Fees	5		119.44 <b>119.44</b>	1,314.56 119.44
		s Prior	To Date		,
	Total Additional Fee		<b>To Date</b> 1,713.00		,
	Total Additional Fees	Prior			,
•		onnel  nal Smith, Tony Totals  Total Labor  Total Additional Fees  Current 1,116.00  00002B Population and onnel onal  Pinckney, Michael	onnel  Hours  Inal Smith, Tony A.0 Totals A.0 Fringe Overhead Total Labor  Total Additional Fees  Current 1,116.00 1,813.48  Task Total  O0002B Population and Municipal Water Inal  Pinckney, Michael Totals A.0 Fringe Fringe Fringe Fringe	Hours   Rate	Hours   Rate   Amount   Smith, Tony   4.0   86.05   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   3516.34   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   344.23   34

**Task Total** 

1,434.00

Professional Personi	nel	FU	ublic Participation	ii ana i ian	Adoption				
			Hou	ırs	R	ate	Amount		
Project Professional	Smith, Tony		,	3.0	Q	5.05	258.17		
,	Similar, Torry	Totals		3.0	O.	5.05	258.17		
		Totals	`	5.0 <b>Fring</b>	ı <b>o</b> 25	3.17	387.25		
				Overhe		7.25	767.28		
		Total Labo	or	Overne	au 30	.25	707.20		767.28
Additional Fees		rotai Labe	,,						707.20
Profit							69.71		
Tronc		Total Addi	itional Fees				69.71		69.71
Billing Limits			Current	Pri	or	To Date			
Total Billings			836.99	9,410.		10,247.47			
Limit				·, ·=·		56,750.00			
Remaining						46,502.53			
Remaining						10/302133			
				Task T	otal			<u>\$</u>	836.99 — — — —
				Projec	t Total			\$	3,386.99
							===	_	
Project	200343.0S			2026 R	egion D -	SUBS			
				Subco	nsultant	Total		\$	-
Billing Limits			Curr	ent	Prior		To-Date		
Total Billings				.00		0.00	0.00		
Limit			•				52,611.00		
Remaining							52,611.00		
				Projec	t Total			\$	3,386.99
Retainage									
Current Retainage		169.35 (59	% of 3,386.99)						- 169.35
3		•							
Prior Retainage		575.14							
Prior Retainage Retainage To-Date		575.14 744.49							
_						Please Pay T	his Amount	\$	3,217.64
Retainage To-Date	aakdowe					Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre			1,044.	.72		Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	<b>eakdown</b> alaries & Wages Fringe	744.49	1,044. 522.			Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages	744.49		.34		Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages Fringe	744.49	522.	.34 .83		Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages Fringe Overhead	744.49	522. 1,537. 282.	.34 .83		Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages Fringe Overhead Profit Travel	744.49	522. 1,537. 282. 0.	.34 .83 .10		Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages Fringe Overhead Profit	744.49	522. 1,537. 282. 0. 0.	.34 .83 .10 .00		Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services	744.49	522. 1,537. 282. 0. 0.	.34 .83 .10 .00 .00		Please Pay T	his Amount	\$	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services Total	744.49	522. 1,537. 282. 0. 0. 0. 3,386.	.34 .83 .10 .00 .00 .00		Please Pay T	his Amount	<b>\$</b>	3,217.64
Retainage To-Date  Budget Category Bre	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services	744.49	522. 1,537. 282. 0. 0.	.34 .83 .10 .00 .00 .00 .99		Please Pay T	his Amount	<b>\$</b>	3,217.64
Retainage To-Date  Budget Category Bre Sa	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services Total Retainage	744.49	522. 1,537. 282. 0. 0. 0. 3,386. - 169.	.34 .83 .10 .00 .00 .00 .99		Please Pay T	his Amount	<b>\$</b>	3,217.64
Retainage To-Date  Budget Category Bre Si  Subcon	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services Total Retainage	744.49	522. 1,537. 282. 0. 0. 3,386. - 169. 3,217.	.34 .83 .10 .00 .00 .00 .99 .35		Please Pay T	his Amount	<b>\$</b>	3,217.64
Retainage To-Date  Budget Category Bre Sa  Subcon  Project Summary	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services Total Retainage Total	744.49	522. 1,537. 282. 0. 0. 3,386. - 169. 3,217.	.34 .83 .10 .00 .00 .00 .99 .35 .64		Please Pay T	his Amount	<b>\$</b>	3,217.64
Retainage To-Date  Budget Category Bre Sa  Subcon  Project Summary C Less	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services Total Retainage Total Contract Amount Current Invoice	744.49	522. 1,537. 282. 0. 0. 3,386. - 169. 3,217. 200,691. 3,217.	.34 .83 .10 .00 .00 .00 .99 .35 .64		Please Pay T	his Amount	<b>\$</b>	3,217.64
Retainage To-Date  Budget Category Bre Si  Subcon  Project Summary  C  Less  Less Total Re	alaries & Wages Fringe Overhead Profit Travel Other Expenses stractor Services Total Retainage Total	744.49	522. 1,537. 282. 0. 0. 3,386. - 169. 3,217.	.34 .83 .10 .00 .00 .00 .99 .35 .64		Please Pay T	his Amount	<b>\$</b>	3,217.64

## 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
FB21748	4/11/2022	3,180.59	167.40	3,180.59
n/a	n/a	n/a	n/a	n/a
Total		3,180.59	167.40	3,180.59



July 22, 2022

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

RE: June 2022 Invoice – 2026 Region D Water Planning (TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in June 2022, under the above referenced contract. The Carollo Team has been working on the following items for the 2026 Region D Regional Water Plan:

		Current	Future	Problems
Task No.	Task Description	Progress	Progress	Encountered/Resolution
1	Planning Area Description	n/a	n/a	n/a
2A	Non-Municipal Water Demand Projections	Continued evaluation of livestock and manufacturing demands in Smith County, review of historical data.	Continued engagement and analyses.	None.
2B	Population and Municipal Water Demand Projections	Continued updating contact lists, continued review of WUG list, engagement.	Continuing review of reporting of historical uses and per capita usage calculations, preparation and submittal of WUG List revisions.	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	Preparation and participation in June 29 RWPG meeting, coordination with Administrator and TWDB staff, and internal project coordination.	Continue project coordination.	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

200343 | 2026 Region D Progress Rpt June 2022.docx







Attn: Mr. Kyle Dooley, P.E., Executive Director/CEO July 22, 2022

228 Texas Ave., Suite AProject No.:200343New Boston, TX 75570Invoice No.:FB25172

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)

Total Contract: \$200,691

#### Professional Services from June 01, 2022 to June 30, 2022

Task 2A	00002A	Non-Municipa	al Water Demand Pr	ojections		
<b>Professional Perso</b>	onnel					
			Hours	Rate	Amount	
Project Profession						
	Smith, Tony		3.0	86.05	258.17	
		Totals	3.0	050.45	258.17	
			Fringe	258.17	387.25	
		Takal Laban	Overhead	387.25	767.28	767.00
Additional Food		Total Labor				767.28
Additional Fees Profit					69.71	
FIOIIL		Total Additional Fee	ne.		69.71	69.71
		Total Additional Lee	<b>.</b>		03.71	09.71
Billing Limits		Current	Prior	To Date		
Total Billings		836.99	2,929.48	3,766.47		
Limit			,	24,152.00		
Remaining				20,385.53		
5				·		
			Task Tota	<u> </u>	\$	836.99
Task 2B	00002B	Population ar	— — — — nd Municipal Water	Demand Projections		
Task 2B Professional Perso	00002B	Population ar	nd Municipal Water	Demand Projections		
Task 2B Professional Perso		Population ar	nd Municipal Water	Demand Projections	Amount	
	onnel	Population ar	·	-	Amount	
Professional Person	onnel	Population ar	·	-	Amount	
Professional Perso	<b>onnel</b> nal		Hours	Rate		
Professional Person	onnel	el	Hours 4.5	-	331.74	
Professional Person	<b>onnel</b> nal		4.5 4.5	<b>Rate</b> 73.72	331.74 331.74	
Professional Person	<b>onnel</b> nal	el	4.5 4.5 Fringe	73.72 331.74	331.74 331.74 497.61	
Professional Person	<b>onnel</b> nal	el Totals	4.5 4.5	<b>Rate</b> 73.72	331.74 331.74	085 03
Professional Person Project Profession Professional	<b>onnel</b> nal	el	4.5 4.5 Fringe	73.72 331.74	331.74 331.74 497.61	985.93
Professional Person Project Profession Professional  Additional Fees	<b>onnel</b> nal	el Totals	4.5 4.5 Fringe	73.72 331.74	331.74 331.74 497.61 985.93	985.93
Professional Person Project Profession Professional	<b>onnel</b> nal	el Totals <b>Total Labor</b>	4.5 4.5 Fringe Overhead	73.72 331.74	331.74 331.74 497.61 985.93	
Professional Person Project Profession Professional  Additional Fees	<b>onnel</b> nal	el Totals	4.5 4.5 Fringe Overhead	73.72 331.74	331.74 331.74 497.61 985.93	985.93 89.58
Professional Person Project Profession Professional  Additional Fees	<b>onnel</b> nal	el Totals <b>Total Labor</b>	4.5 4.5 Fringe Overhead	73.72 331.74	331.74 331.74 497.61 985.93	
Professional Person Project Profession Professional  Additional Fees Profit	<b>onnel</b> nal	el Totals <b>Total Labor</b> <b>Total Additional Fee</b>	4.5 4.5 Fringe Overhead	73.72 331.74 497.61	331.74 331.74 497.61 985.93	
Professional Person Project Profession Professional  Additional Fees Profit  Billing Limits	<b>onnel</b> nal	el Totals <b>Total Labor</b> <b>Total Additional Fee</b> <b>Current</b>	4.5 4.5 Fringe Overhead	73.72 331.74 497.61  To Date	331.74 331.74 497.61 985.93	
Professional Person Project Profession Professional  Additional Fees Profit  Billing Limits Total Billings	<b>onnel</b> nal	el Totals <b>Total Labor</b> <b>Total Additional Fee</b> <b>Current</b>	4.5 4.5 Fringe Overhead	73.72 331.74 497.61  To Date 2,788.51	331.74 331.74 497.61 985.93	

**Task Total** 

1,075.51

Task 10 000100  Professional Personnel	Public Partici	pation ar	nd Plan Add	ption			
Dualant Dualanting		Hours		Rate	Amount		
Project Professional Smith, Tony		23.0		86.05	1,979.33		
The state of the s	Totals	23.0		00.05	1,979.33		
	. 533.5	_5.0	Fringe	1,979.33	2,968.97		
		0	verhead		5,882.52		
	Total Labor						5,882.52
Additional Fees							
Profit				_	534.47		
Travel - Company Vehicle	Quantity			<u>Rate</u>			
Mileage	O			0.585	0.00		F24 47
	Total Additional Fee	es			534.47		534.47
Billing Limits	Current		Prior	To Da	ite		
Total Billings	6,416.99	:	10,247.47	16,664	46		
Limit				56,750	.00		
Remaining				40,085	.54		
			Task Tota	ıl		\$	6,416.99
			— — Project T			<u> </u>	— — — - 8,329.49
					====	_	
Project 200343.0S	<del>_</del> _		 2026 Pagis	 on D - SUBS	<del>_</del>		
Toject 200343.03				Itant Total		\$	_
						т.	
Billing Limits		Current	:	Prior	To-Date		
Total Billings		0.00		0.00	0.00		
Limit					52,611.00		
Remaining					52,611.00		
						_	
			Project T	otal		\$	8,329.49
Retainage							
Current Retainage	416.47 (5% of 8,329.	49)					- 416.47
Prior Retainage	744.49						
Retainage To-Date	1,160.96						
				Please Pa	y This Amount	\$	7,913.02
						•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Sudget Category Breakdown	2	F60 24					
Salaries & Wages		2,569.24					
Fringe Overhead		,284.59 3,781.90					
Profit		693.76					
FIUIL		0.00					
Travel		5.50					
Travel Other Expenses		0.00					
Travel Other Expenses Subcontractor Services		0.00					
Other Expenses	8						
Other Expenses Subcontractor Services		0.00					
Other Expenses Subcontractor Services <b>Total</b>	-	0.00 3,329.49					
Other Expenses Subcontractor Services Total Retainage Total	-	0.00 3,329.49 416.47					
Other Expenses Subcontractor Services Total Retainage Total Project Summary	- 7	0.00 8,329.49 416.47 7,913.02					
Other Expenses Subcontractor Services Total Retainage Total Project Summary Contract Amount	- 7 200	0.00 8,329.49 416.47 7,913.02 0,691.00					
Other Expenses Subcontractor Services Total Retainage Total Project Summary Contract Amount Less Current Invoice	- 7 200 7	0.00 8,329.49 416.47 7,913.02 0,691.00 7,913.02					
Other Expenses Subcontractor Services Total Retainage Total Project Summary Contract Amount	- 7 200 7 1	0.00 8,329.49 416.47 7,913.02 0,691.00					

## 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
FB21748	4/12/2022	3,180.59	167.40	3,180.59
FB23295	5/23/2022	3,048.07	160.42	3,048.07
FB24512	7/1/2022	3,217.64	169.35	3,217.64
Total		9,446.30	497.17	9,446.30



August 5, 2022

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

RE: July 2022 Invoice – 2026 Region D Water Planning (TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in July 2022, under the above referenced contract. The Carollo Team has been working on the following items for the 2026 Region D Regional Water Plan:

		Current	Future	Problems
Task No.	Task Description	Progress	Progress	Encountered/Resolution
1	Planning Area Description	n/a	n/a	n/a
2 <b>A</b>	Non-Municipal Water Demand Projections	Continued engagement and review of supporting material for draft non-municipal demand projections.	Continued engagement and analyses.	None.
2B	Population and Municipal Water Demand Projections	Continued review of reported historical use, connections, and submittal of WUG List revisions.	Engagement and review of GPCD calculations.	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	Coordination with administrator, TWDB staff, and internal project coordination.	Continue project coordination.	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

200343 | 2026 Region D Progress Rpt July 2022.docx







August 5, 2022

Attn: Mr. Kyle Dooley, P.E., Executive Director/CEO

228 Texas Ave., Suite AProject No.:200343New Boston, TX 75570Invoice No.:FB25906

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)

Total Contract: \$200,691

#### Professional Services from July 01, 2022 to July 31, 2022

	<del></del> -	<del></del>	<u> </u>				
Task 2A  Professional Perso	00002A <b>onnel</b>	Non-Mu	Non-Municipal Water Demand Projections				
			Hours	}	Rate	Amount	
Project Profession	nal						
Š	Smith, Tony		7.0	)	86.05	602.40	
		Totals	7.0	1		602.40	
				Fringe	602.40	903.60	
				Overhead	903.60	1,790.33	
		<b>Total Labor</b>					1,790.33
<b>Additional Fees</b>							
Profit						162.66	
		<b>Total Addition</b>	al Fees			162.66	162.66
Billing Limits			rent	Prior	To Date		
Total Billings		1,95	52.99	3,766.47	5,719.46		
Limit					24,152.00		
Remaining					18,432.54		
				Task Tota	<u> </u>	\$	1,952.99
Task 2B  Professional Person	00002B	Populat	uon and Muni	cipai watei i	Demand Projections		
Piolessional Perso	Jillei		Hours	ı	Rate	Amount	
Project Profession	nal		ilouis		Nace	Amount	
110,000 1101033101	Smith, Tony		4.0	1	86.05	344.23	
	Similar, Tony		110		00.03	311123	
Professional							
	Pinckney, Micha	ael	0.5		73.72	36.86	
	//	Totals	4.5		-	381.09	
				Fringe	381.09	571.63	
				Overhead	571.63	1,132.59	
		<b>Total Labor</b>					1,132.59
<b>Additional Fees</b>							•
Profit						102.90	
		<b>Total Addition</b>	al Fees			102.90	102.90
Billing Limits		C	rent	Prior	To Date		
Total Billings			35.49	2,788.51	4,024.00		
Limit		1,25	,,,,	2,700.31	42,734.00		
Remaining							
REMAINING					38,710.00		

**Task Total** 

1,235.49

Task 10 Professional Pers	000100	Public Participa				
		1	Hours	Rate	Amount	
Project Profession						
	Smith, Tony		2.5	86.05	215.14	
		Totals	2.5		215.14	
			Fringe	215.14	322.71	
			Overhead	322.71	639.40	
		Total Labor				639.40
Additional Fees						
Profit					58.09	
		<b>Total Additional Fees</b>	5		58.09	58.09
Billing Limits		Current	Prior	To Date		
Total Billings		697.49	16,664.46	17,361.95		
Limit			•	56,750.00		
Remaining				39,388.05		
			Task Tota	<u> </u>	\$	697.49
			– — — — — Project To	— — — — — otal	* — — — <del>*</del>	3,885.97

Retainage

Current Retainage 194.30 (5% of 3,885.97)

Prior Retainage 1,160.96 Retainage To-Date 1,355.26

Please Pay This Amount \$ 3,691.67

- 194.3

#### **Budget Category Breakdown**

Salaries & Wages	1,198.63
Fringe	599.31
Overhead	1,764.38
Profit	323.65
Travel	0.00
Other Expenses	0.00
Subcontractor Services	0.00
Total	3,885.97
Retainage	- 194.3
Total	3,691.67

#### **Project Summary**

Contract Amount	200,691.00
Less Current Invoice	3,691.67
Less Total Retainage to Date	1,355.26
Less Prior Amount Invoiced	22,058.48
Balance Remaining	173,585.59

## 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
FB21748	4/12/2022	3,180.59	167.40	3,180.59
FB23295	5/23/2022	3,048.07	160.42	3,048.07
FB24512	7/1/2022	3,217.64	169.35	3,217.64
FB25172	7/22/2022	7,913.02	416.47	7,913.02
Total		17,359.32	913.64	17,359.32



September 22, 2022

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

RE: August 2022 Invoice – 2026 Region D Water Planning (TWDB Contract No. 2148302556 / Carollo # 200343)

Dear Mr. Dooley:

Please find the attached invoice for services performed in August 2022, under the above referenced contract. The Carollo Team has been working on the following items for the 2026 Region D Regional Water Plan:

		Current	Future	Problems
Task No.	Task Description	Progress	Progress	Encountered/Resolution
1	Planning Area Description	n/a	n/a	n/a
2A	Non-Municipal Water Demand Projections	Initial review of draft irrigation and mining projections.	Continued engagement and analyses.	None.
2B	Population and Municipal Water Demand Projections	n/a	Continued engagement and analyses.	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 project coordination	Internal project coordination and preparation for NETRWPG 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

200343 | 2026 Region D Progress Rpt August 2022.docx







Attn: Mr. Kyle Dooley, P.E., Executive Director/CEO September 22, 2022

228 Texas Ave., Suite AProject No.:200343New Boston, TX 75570Invoice No.:FB27290

Regional Water Plan for the North East Texas Regional Water Planning Group (Region D RWPG)

Total Contract: \$200,691

#### Professional Services from August 01, 2022 to August 31, 2022

Task 2A	00002A	Non-Municipal Water Demand Projections					
<b>Professional Perso</b>	nnel		Hours	Rate	Amount		
Project Profession	nal		liouis	Rate	Alliount		
,	Smith, Tony		6.0	86.05	516.34		
	, ,	Totals	6.0		516.34		
			Fringe	516.34	774.51		
			Overhead	774.51	1,534.57		
		<b>Total Labor</b>					1,534.57
Additional Fees							
Profit					139.43		
		<b>Total Additional Fed</b>	es		139.43		139.43
Billing Limits		Current	Prior	To Date			
Total Billings		1,674.00	5,719.46	7,393.46			
Limit				24,152.00			
Remaining				16,758.54			
			Task Tota	<u> </u>		\$	1,674.00
<b>— — — — — .</b> Task 10	000100	Public Partici	— — — — pation and Plan Ado	ption		_	
<b>Professional Perso</b>	nnel						
			Hours	Rate	Amount		
Project Profession	ıal						
	Smith, Tony		3.0	86.05	258.17		
		Totals	3.0		258.17		
			Fringe	258.17	387.25		
			Overhead	387.25	767.28		
		Total Labor					767.28
Additional Fees							
Profit					69.71		
Travel - Company	Vehicle	Quantity		<u>Rate</u>			
Mileage		0		0.585	0.00		
		Total Additional Fee	es		69.71		69.71
Billing Limits		Current	Prior	To Date			
Total Billings		836.99	17,361.95	17,361.95			
Limit				56,750.00			
Remaining				39,388.05			
			Task Tota	I		\$	836.99
<b></b> .	_ <b></b> .	<b></b>	— — — — Project To	— — — — — otal		<del></del> -	 2,510.99

Project	200343.0S	2026 Region D - SUBS <b>Subconsultant Total</b>		\$	-
<b>Billing Limits</b> Total Billings Limit Remaining		<b>Current</b> 0.00	<b>Prior</b> 0.00	<b>To-Date</b> 0.00 52,611.00 52,611.00	

Project Total \$ 2,510.99

Retainage

Current Retainage 125.55 (5% of 2,510.99) - **125.55** 

Prior Retainage 1,355.26 Retainage To-Date 1,480.81

Please Pay This Amount \$ 2,385.44

#### **Budget Category Breakdown**

Salaries & Wages	774.51
Fringe	387.25
Overhead	1,140.09
Profit	209.14
Travel	0.00
Other Expenses	0.00
Subcontractor Services	0.00
Total	2,510.99
Retainage	- 125.55
Total	2,385.44

#### **Project Summary**

Contract Amount	200,691.00
Less Current Invoice	2,385.44
Less Total Retainage to Date	1,480.81
Less Prior Amount Invoiced	25,750.15
Balance Remaining	171,074.60

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
FB21748	4/12/2022	3,180.59	167.40	3,180.59
FB24512	7/1/2022	3,217.64	169.35	3,217.64
FB25172	7/22/2022	7,913.02	416.47	7,913.02
FB25906	8/5/2022	3,691.67	194.30	3,691.67
Total		18,002.92	947.52	18,002.92