

**RED RIVER
GROUNDWATER
CONSERVATION
DISTRICT**

BOARD MEETING

**BOARD ROOM
GREATER TEXOMA UTILITY AUTHORITY
5100 AIRPORT DRIVE
DENISON, TEXAS 75020**

**WEDNESDAY
APRIL 18, 2012
2:00 PM**

AGENDA
RED RIVER GROUNDWATER CONSERVATION DISTRICT
BOARD OF DIRECTORS MEETING
GREATER TEXOMA UTILITY AUTHORITY BOARD ROOM
5100 AIRPORT DRIVE
DENISON, TEXAS 75020
2:00 P.M., WEDNESDAY, APRIL 18, 2012

Notice is hereby given that a meeting of the Board of Directors of the Red River Groundwater Conservation District will be held on the 18th day of April, 2012, at 2:00 p.m. in the Greater Texoma Utility Authority Board Room, 5100 Airport Drive, Denison TX, 75020, at which time the following items may be discussed, considered, and acted upon, including the expenditure of funds:

Agenda:

1. Call to order, declare meeting open to the public, and take roll.
2. Public Comment
3. Consider approval of Minutes of March 21, 2012, Public Hearing and Board Meeting
4. Consider and act upon participation in the Texas Water Conservation Association Risk Management Fund
5. Review and approval of monthly invoices
6. Consider and discuss procedure for timely payment of expenses
7. Establish Investment Committee, appoint an Investment Officer and discuss development of Investment Policy
8. Consider and act upon a Resolution establishing a Well Driller Report Deposit Fee
9. Receive and discuss GAM Run 10-063 MAG for the Trinity Aquifer
10. Consider and act upon engagement of technical consulting services by legal counsel to review injection well applications in the District
11. Establish Budget Committee and discuss 2013 Budget
12. Receive update on Management Plan and schedule public hearing
13. General Manager's report

14. Open forum / discussion of new business for future meeting agendas

15. Adjourn

¹The Board may vote and/or act upon each of the items listed in this agenda.

²At any time during the meeting or work session and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon's Texas Codes, Annotated, the Red River Groundwater Conservation District Board may meet in executive session on any of the above agenda items or other lawful items for consultation concerning attorney-client matters (§551.071); deliberation regarding real property (§551.072); deliberation regarding prospective gifts (§551.073); personnel matters (§551.074); and deliberation regarding security devices (§551.076). Any subject discussed in executive session may be subject to action during an open meeting.

ATTACHMENT 3

**MINUTES OF THE PUBLIC HEARING
RED RIVER GROUNDWATER CONSERVATION DISTRICT**

WEDNESDAY, MARCH 21, 2012

**AT THE GREATER TEXOMA UTILITY AUTHORITY
BOARD ROOM
5100 AIRPORT DRIVE
DENISON, TX 75020**

Members Present: George "Butch" Henderson, George Olson, Don Wortham, David Gattis, Harold Latham, Don Morrison, Mark Patterson

Members Absent: None

Staff: Jerry Chapman, Carolyn Bennett and Carmen Catterson

Visitors: Jonathan Cannon, Herald Democrat
Bob Patterson, Upper Trinity GCD
Joey Rickman, City of Honey Grove
Joe Strong, Fannin County Commissioners Court

NOTE: The audio recording of the hearing is the official record of the hearing. These minutes are provided only for convenience.

I. Call to Order and introduction of Board

President Henderson called the hearing to order at 1:30 PM. All members were present. The Board introduced themselves and the manner of their appointment to the Board.

II. Review draft amendment to the Temporary Rules

President Henderson explained that the only change to the Temporary Rules is to 4.2(e). Board Member Gattis recommended adding an "(s)" to "well" in the second line of the paragraph. The Board agreed that the change would be beneficial for clarity. Mr. Chapman explained that another concern in the Temporary Rules is Rule 3.6(b). The staff needs some consideration regarding the time allotment for declaring a well administratively complete. President Henderson stated that his interpretation of the Rule is that the staff declares the application administratively complete and alert that well owner that the application will be taken to the Board for final approval or further action.

III. Public Comment (verbal comments limited to three (3) minutes each; written comments may also be submitted for the Board's consideration.)

Mr. Chapman asked Mr. Patterson to explain his district's guidelines for collecting hydrogeologic information. Mr. Patterson explained that the Upper Trinity GCD contacts the owner within 5 days to declare the application administratively complete and then the district researches the

hydrogeologic data to determine if it fits the spacing requirements. If the well does not fit spacing requirements, both the district and the well owner have to perform hydrogeologic studies to prove the well will not impact other wells. Mr. Patterson explained that his spacing requirements are based on the capacity of the well. Domestic wells under 17.36 gallons per minute must be 50 feet from property lines and 150 feet from other wells. Board Member Patterson expressed that he feels the District needs to establish a chart for spacing requirements based on pump capacity and aquifer layers.

Mr. Patterson expressed that Rule 4.2(e) places an undue burden on the applicant to drill a well. This may cause some reluctance for person's desiring to drill wells to move forward. The Upper Trinity GCD hired a hydrogeologist to develop guidelines to reduce the burden on the public. Board Member Gattis stated that he did not feel the situation was an unreasonable burden on the public.

IV. Adjourn or continue public hearing on proposed rules

The Board unanimously adjourned the public hearing at approximately 1:45 PM.

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Recording Secretary

Secretary-Treasurer

**MINUTES OF THE BOARD MEETING
RED RIVER GROUNDWATER CONSERVATION DISTRICT**

WEDNESDAY, MARCH 21, 2012

**AT THE GREATER TEXOMA UTILITY AUTHORITY
BOARD ROOM
5100 AIRPORT DRIVE
DENISON, TX 75020**

Members Present: George "Butch" Henderson, George Olson, Don Wortham, David Gattis, Harold Latham, Don Morrison, Mark Patterson

Members Absent: None

Staff: Jerry Chapman, Carolyn Bennett and Carmen Catterson

Visitors: Jonathan Cannon, Herald Democrat
Bob Patterson, Upper Trinity GCD
Joey Rickman, City of Honey Grove
Joe Strong, Fannin County Commissioners Court

I. Call to order, declare meeting open to the public, and take roll.

President Henderson called the work session to order at 2:00 PM. All members were present.

II. Public Comment.

No public comments received.

III. Consider approval of Minutes of February 22, 2012, work session and board meeting

Board Member Morrison motioned to approve the Minutes of the February 22, 2012 work session and board meeting. The motion was seconded by Board Member Gattis and passed unanimously.

IV. Review and approval of monthly invoices.

Mr. Chapman explained that the Board authorized a budget this year with work to be done by Alan Plummer & Associates, Inc. to develop a well registration system. However, an additional fee for licensing and hosting is necessary. An actual figure is not available at this time, but it will not exceed \$16,000. This work must progress before well registrations can be processed. The license fee is issued by Esri and the staff needs the ability to pay that fee as soon as the invoice is received. This is a budgeted expense. The second problem is a cash-flow problem. The first quarterly bills are just being prepared for submission. The known non-exempt users are expected to pay \$0.06 per 1,000 gallons based on 2010 water production. The staff proposes to bill on an annual basis, rather than a quarterly basis with a note that the bills can be paid quarterly. However, the District will be in a severe financial bind if funds are not received soon from providers. Board Member Gattis asked if quarterly payments are required or if it could be changed to be required to be paid annually. The Board discussed the options for submitting invoices. The Board recommended putting a footnote to specify that if paying the annual

fee would create a financial hardship, it can be paid bi-annually or quarterly. The Board discussed the entities being billed. The City of Southmayd purchased a system from Southwest Water Co.

The Board discussed the invoice from Alan Plummer & Associates and the work completed. This invoice was for work completed through December 30, 2011. The Board discussed the bill from Lloyd Gosselink firm and the punctuality of receiving invoices.

Board Member Gattis motioned to approve the monthly invoices including the Authority, Alan Plummer & Associates, Lloyd Gosselink Firm and a not-to-exceed amount of \$16,000 for licensing and hosting. The motion was seconded by Board Member Patterson and passed unanimously. The Board requested the staff send letters requesting payment of past-due invoices.

V. Receive and discuss report provided by Tim Morris, P.E.

Mr. Morris provided additional information for the Board regarding a system he has outlined the Board may use as a starting point for determination of unreasonable impact and impact on adjacent wells. Mr. Chapman recommended the Board review the letter and information and consider the possibility of using the system to develop a rule of thumb for spacing. At some point, the Board will need to develop spacing guidelines and this could be used in conjunction with other options to develop a system.

VI. Review Management Plan/authorize modifications if needed and authorize submission to the Texas Water Development Board for pre-review

The Board developed the Management Plan with Mr. Bill Hutchison of LBG-Guyton. The changes the Board requested in February have been made and the Plan is now ready for review and approval to submit it to the Texas Water Development Board (TWDB) for a pre-review.

Board Member Morrison motioned to approve the Management Plan and authorize submission of the Plan to the TWDB for pre-review. The motion was seconded by Board Member Gattis and passed unanimously.

Mr. Chapman congratulated the Board for their work and good planning in preparing the Management Plan. The Plan is designed to be very achievable.

VII. Consider and act upon cost sharing agreement with North Texas Groundwater Conservation District for accounting software

Mr. Chapman explained that the ASYST program has been received and installed. The North Texas GCD was appreciative of the District's willingness to share the cost for the program. The contract explains that the total cost of the program was split between the districts and the ongoing support costs will also be shared.

Board Member Gattis motioned to approve a cost sharing agreement with the NTGCD. The motion was seconded by Secretary/Treasurer Wortham and passed unanimously.

VIII. Consider and act upon invoice for GMA 8 expenditures for 2011

The Groundwater Management Area 8 (GMA 8) meeting in February 2012 provided invoices to all the districts for 2011 expenditures. The total amount is \$624.78, which is the proportionate amount for all twelve districts in GMA 8. However, Fox Crossing WD dissolved this week, so the amount may change. The North Texas GCD, the administrative district for GMA 8 will collect all the funds they can and then consider options.

Vice President Olson asked what the expenses being reimbursed included. Mr. Chapman explained that the staff provides support to the North Texas GCD and for the GMA 8. The majority of costs includes mileage for

the staff to travel to the meetings in Cleburne, Texas and to provide staff support to operate the GMA 8. Board Member Gattis asked if discussions had been made to pro-rate the cost per district other than equally. President Henderson explained that initially two districts paid for the entire costs. The Red River GCD has not currently paid any costs toward GMA 8. Participation in GMA 8 is required by legislation. Each vote is equal, so it is only fair for the cost to be divided equally.

Board Member Gattis motioned to approve the GMA 8 invoice for 2011 expenditures. The motion was seconded by Board Member Patterson and passed unanimously.

IX. Consider and act upon amendment to Temporary Rules

Board Member Morrison motioned to amend Rule 4.2(e) as discussed in the Public Hearing. The motion was seconded by Board Member Latham and passed unanimously.

X. General Manager's Report

The staff provided information to the Board regarding the Day case and the Supreme Court's decision. The decision provided the property owner with a vested right in the water beneath their property. The decision also supports the groundwater conservation districts' rights to govern the use of groundwater. This will most likely take three or four years of legal cases to determine what is an unreasonable use or limit on groundwater. This will make the District's role increasingly important in the role of groundwater use in the State. Mr. Patterson that districts with permanent rules and permitting will experience problems and lawsuits. High Plains GCD has already received notification of two lawsuits from farmers who received limits on groundwater production. Mr. Chapman stated that groundwater districts are lucky to have rights in the Texas Water Code so that any person or entity that sues the district must pay all legal costs if the case is lost.

Board Member Morrison expressed concern that water could be abused by people drilling large wells and pumping them simply because they own the land. The Board discussed potential ramifications and the reactions that could be experienced from the public.

XI. Open forum / discussion of new business for future meeting agendas

The next meeting and a public hearing will be held on April 18, 2012 at 2:00 PM. The next meeting will be May 16, 2012.

XII. Adjourn

Upon motion by Board Member Gattis seconded by Board Member Latham and passed unanimously, the Board adjourned at approximately 2:52 PM.

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Recording Secretary

Secretary-Treasurer

ATTACHMENT 4



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 4

CONSIDER AND ACT UPON PARTICIPATION IN THE TEXAS WATER CONSERVATION ASSOCIATION RISK MANAGEMENT FUND

ISSUE

The District needs to acquire general liability insurance coverage, as well as error & omissions policy for its officers and an automobile policy when the District purchases a vehicle.

BACKGROUND

The staff has secured a proposal from the Texas Water Conservation Association Risk Management Fund (TWCARMF). This is a pool established by the water agencies in Texas in the 1980s to assure access to insurance coverage needed by those agencies.

OPTIONS/ALTERNATIVES

1. The Board could consider participating in the TWCARMF.
2. The Board could consider seeking other alternative insurance coverage through private insurance agencies.
3. The Board could consider seeking insurance coverage through other local pools, such as the Texas Municipal League Risk Management Fund.

CONSIDERATIONS

Insurance coverage is likely to be most economical in a pool that is more familiar with the responsibilities and liabilities of groundwater conservation districts.

STAFF RECOMMENDATIONS

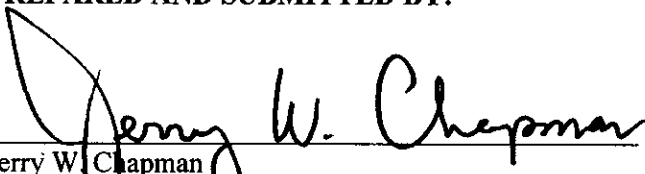
The staff has secured a quote from the TWCARMF providing insurance coverage for the following items:

- General Liability – \$1,000,000 occurrence and \$1,000,000 aggregate with \$1,000 deductible and an annual contribution of \$700.
- Automobile Liability - \$1,000,000 limit with \$1,000 deductible and annual contribution of \$100
- Errors and Omission Liability - \$1,000,000 per claim and \$1,000,000 aggregate with \$1,000 deductible and annual contribution of \$1,250
- Total annual contribution \$2,050 prorated on the date coverage is bound.

ATTACHMENTS

TWCARMF Proposal

PREPARED AND SUBMITTED BY:


Jerry W. Chapman
General Manager



**Texas Water Conservation Association
Risk Management Fund**

**Red River Groundwater Conservation District
Proposal Summary**

Coverage:	Limits:	Deductible:	Annual Contribution:	
General Liability	\$1,000,000 Occ \$1,000,000 Agg	\$1,000	\$700	
Auto Liability	\$1,000,000	\$1,000	\$100	
Errors & Omissions Liability	\$1,000,000 Claim \$1,000,000 Agg	\$1,000	\$1,250	
		Total Annual Contributions:	\$2,050	Prorated rate based on date coverage is bound.

ATTACHMENT 5

RESOLUTION NO. 2012-04-18-01

A RESOLUTION BY THE BOARD OF DIRECTORS OF THE RED RIVER GROUNDWATER
CONSERVATION DISTRICT AUTHORIZING PAYMENT OF ACCRUED LIABILITIES FOR THE
MONTH OF MARCH 2012

The following liabilities are hereby presented for payment:

Administrative Services

GTUA 5,684.32

Geodatabase Service

Alan Plummer & Associates, Inc. 12,906.00
ESRI 10,019.95

Insurance

Bayless Hall & Blanton 315.00

Legal Services

Lloyd Gosselink Firm 778.00

Management Plan

LBG-Guyton 12,044.56

GRAND TOTAL: \$ 41,747.83

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE RED RIVER
GROUNDWATER CONSERVATION DISTRICT THAT the Secretary-Treasurer is hereby authorized
to make payments in the amounts listed above.

On motion of _____ and seconded by _____,
the foregoing Resolution was passed and approved on this, the 18th day of April 2012 by the
following vote:

AYE:
NAY:

At a meeting of the Board of Directors of the Red River Groundwater Conservation District.

President

ATTEST:

Secretary/Treasurer

General Fund

Invoice

Date	Invoice #
3/30/2012	11

Bill To
Red River Groundwater Conservation Dist. P.O. Box 1214 Sherman, Texas 75091-1214

Make Payment To
Greater Texoma Utility Authority PO Box 1297 Sherman, Texas 75091-1297 (903) 786-4433

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	Net 30	LK	3/30/2012	US Mail		

Quantity	Item Code	Description	Price Each	Amount
28	RRGCD Administrative	Jerry Chapman - Administration Fee - March 1 through March 31, 2012	80.00	2,240.00
265	RRGCD IRS 2012	IRS 2012 Standard Mileage Rate Per Mile - Jerry Chapman - March 2012	0.555	147.08
12	RRGCD Project Coord...	Carolyn Bennett - Project Coordinator Administration Fee - March 1 through March 31, 2012	43.00	516.00
37	RRGCD Secretary/Ma...	Carmen Catterson - Secretary / Mapping Technician Administration Fee - March 1 through March 31, 2012	35.00	1,295.00
5.5	RRGCD Finance	Debi Atkins - Finance Officer/Accounting Administration Fee - March 1 through March 31, 2012	55.00	302.50
8	RRGCD AP/AR Acco...	Laurie Killian - Accounting AP/AR Administration Fee - March 1 through March 31, 2012	35.00	280.00
144	RRGCD IRS 2012	IRS 2012 Standard Mileage Rate Per Mile - Laurie Killian - March 2012	0.555	79.92
13.75	RRGCD Clerical	Theda Anderson - Well Registration / File Maintenance - March 1 through March 31, 2012	10.00	137.50
1	RRGCD Telephone	Monthly Telephone Expense - AT & T 800 Line, Local, Long Distance - March 2012	73.78	73.78
1	RRGCD Miscellaneous	Monthly Direct Expenses - Copies, Postage and any other Fees paid by GTUA for services requested associated with the project - March 1 through March 31, 2012 Fed Ex 10.48 GoDaddy.com 234.97 Sam's 123.59 Copies 240.80 Postage 2.70	612.54	612.54

Total \$5,684.32

GTUA EMPLOYEE TIME SHEET

Name JERRY CHAPMAN
 Position _____

Pay Period MARCH 16 - MARCH 31/12

Project Name	01/16	02/17	03/18	04/19	05/20	06/21	07/22	08/23	09/24	10/25	11/26	12/27	13/28	14/29	15/30	31	Total
SHERMAN W				1		2									1		3
SHERMAN W				4			3	1			3				1		12
ARGYLE WSC				1													1
CGMA							2										2
Princeton W															3		3
NTGCD				1	6			2			2	4	4		2		21
RRCGD					2	4	2	2			2	4	4		2		23
VAN ALSTYNE W											1						1
Texas W						2	1	3									6
Total	8			8	8	8	8	8		8	8	8	8	8	8		88
Release Time																	
Sick Leave																	
Annual Leave	8																8
Holiday																	
Comp. Time																	
Other																	

Employee's Signature Jerry Chapman
 Date MARCH 30 2012

Approved By _____
 Date _____

GTUA EMPLOYEE TIME SHEET

Name JERRY CHAPMAN
 Position General Manager

Pay Period March 1 - March 15

Project Name	01/16		02/17		03/18		04/19		05/20		06/21		07/22		08/23		09/24		10/25		11/26		12/27		13/28		14/29		15/30		31	Total		
Sherman W																																		
Sherman W	5	1							2				4		6		6		6															19
Carver W															1		1		1															3
Argyle	1										2																							3
Booth W	1																																	3
Proctor W									2																									1
NTGCO									2				1																					3
RRGCO									2				1																					3
Texoma W	1												1		1		1																	4
Total	8	8							8	8			8	8	8	8	8	8							8	8	8	8	8	8	8	8	8	88
Release Time																																		
Sick Leave																																		
Annual Leave																																		
Holiday																																		
Comp. Time																																		
Other																																		

Employee's Signature Jerry Chapman
 Date 03/30/12

Approved By _____
 Date _____

**GREATER TEXOMA UTILITY AUTHORITY
EXPENSE VOUCHER**

Payee's Name: Jelly Chapman Title: General Manager

For travel and other expenses from: 3/1/12 to 3/31/12

Previous outstanding (or credit) advances \$ 0

Advances for this month: \$ 0

Subtotal: \$ 0

Less: Expenses for this month (Listed on reverse side) \$ 309.63

Total outstanding (due) to payee: \$ 309.63

ACCOUNTS CHARGED

Account	Amount	Account	Amount	Account	Amount
MTGED	222.56				
RRGED	147.08				

Signed: Calman Peterson
 Title: Secretary
 Date: 4/2/12

Approved: Jerry Chapman
 Title: General Manager
 Date: 4/10/12

GTUA EMPLOYEE TIME SHEET

Name: DEBI ATKINS
 Position: FINANCE OFFICER

Pay Period: Mar 16-31

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total:	
GENERAL	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	69.00
SW																	0.00
ANNABELLS																	0.00
ARGYLE/GMA																	0.00
CVILLE/BOLIVAR																	0.00
DORCHESTER																	0.00
ECTOR																	0.00
GVILLE																	0.00
GOBER																	0.00
GUNTER																	0.00
HOWE																	0.00
NWGLAKE TEX																	0.00
LEONARD/MELISSA																	0.00
PARADISE																	0.00
POTTS/PRINCE												0/2			0/1		3.00
SADLER/SAVOY																	0.00
SOUTHMAYD																	0.00
TB																	0.00
VV																	0.00
VA																	0.00
VWV																	0.00
SH							2										0.00
NTGCD		1.50			2			1									5.00
RRGCD		1.50		2.00		1.00				1.00							7.50

Release Time:																		
Sick Leave																		0.00
Annual Leave																		0.00
Holiday																		0.00
Comp. Taken														1.00				1.00
COMP EARNED		3																3.00
Total:	8.00	3.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00	8.00	91.00

Employee's Signature: Debi Atkins
 Date: 4/2/12

Approved by: James O. Thompson
 Date: 4/10/12

attorney

GTUA EMPLOYEE TIME SHEET

Name Theda Anderson
 Position Clerk

Pay Period March 16 - 29

Project Name	01/16F	02/17S	03/18S	04/19M	05/20T	06/21W	07/22T	08/23F	09/24S	10/25S	11/26M	12/27T	13/28W	14/29T	15/30F	31S	Total
CTUA	4.30				1.45	4.30	5	7.15			8	8	8	8	8		55
NT&CD	3.30			4.0	5.0			.30							4.30		17.30
RR				4.0	1.15			.15									5.30
GMA8						3.30											3.30
Total	8			8	8	8	5	8			8	8	8	8	8		85
Release Time	85 h																
Sick Leave																	
Annual Leave																	
Holiday																	
Comp. Time																	
Other																	

Employee's Signature Theda Anderson
 Date March 30, 2012

Approved By Jerry D. Engeman
 Date 4/10/12

GTUA EMPLOYEE TIME SHEET

Name T Kede Anderson
 Position Clerk

Pay Period March 1 - 15

Project Name	01/r	02/f	03/s	04/s	05/n	06/r	07/w	08/r	09/f	10/s	11/s	12/n	13/r	14/w	15/r	Total
GTUA	7.0	4.30			7.30	7.0	6.30	8	8			6.15	7.0		7.0	68.7
NTGCD	.30	1.45			.45	1.0	1.30					1.30	7.0			6.75
RR	.30	1.45			.15							.15	1.0		.15	5.25
GTUA 8														6.15	1.0	7.25
Total	8.0	8.0			8.0	8.0	8.0	8	8			8	8	8	8	88
Release Time																88
Sick Leave																
Annual Leave																
Holiday																
Comp. Time																
Other																

Employee's Signature T Kede Anderson
 Date March 15, 2012

Approved By [Signature]
 Date 3-22-12

CTUA EMPLOYEE TIME SHEET

Name: **Carmen Catterson**

Pay Period: March 16-31, 2012

Position: Secretary/Mapping Technician

Project Name	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total:
General						1.00	2.00				1.00	1.00	1.00				8.00
CAFR	2.00																2.00
North Texas GCD	3.00			3.00	6.00	1.00	1.00				4.00	3.00	4.00	6.00	5.00		36.00
Pottsboro Water/WWtr	1.00										1.00						2.00
Red River GCD	3.00			3.00	2.00	6.00	1.00				2.00		2.00	2.00	3.00		24.00
Sherman WWtr				2.00	1.00	1.00							1.00	1.00	1.00		6.00
Subtotal:	9.00			8.00	9.00	9.00	4.00	0.00			8.00	4.00	8.00	8.00	9.00		76.00
Release Time:																	
Sick Leave							4.00					4.00					8.00
Annual Leave								8.00									8.00
Holiday																	0.00
Comp. Time Used																	0.00
Comp. Time Earned	(1.00)				(1.00)	(1.00)									(1.00)		(4.00)
Other Incentment Weather																	0.00
Total:	9.00			8.00	9.00	9.00	8.00	8.00			8.00	8.00	8.00	8.00	9.00		92.00

Employee's Signature:

Date:

Carmen Catterson ^{MT NK}
4/16/12

Approved by:

Date:

Jerry Chappman ^{MT}
4/10/12

GTUA EMPLOYEE TIME SHEET

Name: **Carmen Catterson**
 Position: **Secretary/Mapping Technician**

Pay Period: **March 1-15, 2012**

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total:
North Texas GCD																
Red River GCD	3.00	2.00														11.50
Sherman WWIrr	3.00	2.00														11.50
	1.00															1.00
Subtotal:	7.00	4.00			0.00	0.00	0.00	0.00	0.00			4.00	5.00	4.00	0.00	24.00
Release Time:																
Sick Leave	1.00	4.00			8.00	8.00	8.00	8.00	8.00			4.00	3.00	4.00	8.00	64.00
Annual Leave																0.00
Holiday																0.00
Comp. Time Used																0.00
Comp. Time Earned																0.00
Other Incentive Weather																0.00
Total:	8.00	8.00			8.00	8.00	8.00	8.00	8.00			8.00	8.00	8.00	8.00	88.00

Employee's Signature: *Carmen Catterson*
 Date: 5/10/12

Approved by: *Jenny Dargatzis*
 Date: 3/22-12

GTUA EMPLOYEE TIME SHEET

Name: Carolyn Bennett
 Position: Project Coordinator

Pay Period: March 16 - 31, 2012

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total:		
Anna Water	16																	
Anna Sewer																		
Gainesville Water				2														
Gainesville Sewer						2												
Gainesville ROW P Crk																		
General - Cont. Disc.										4	0.5							
Krum WWTP - Permit																4.5		
Melissa Sewer																		
Pottsboro 07 Water																		
Pottsboro Sewer						2												
Princeton																		
Sherman Sewer				2														
Sherman Water											1	1	1	1	2	10		
RRGCD													1.5		2	6		
Gunter Water																1.5		
VA Sewer																0		
4301 Permit Kiowa/WB											1					9		
Lake Texoma Water																0		
NTGCD																0		
General - Annexations											3	3				10		
General - Purch. Supp.								6	2.5							11.5		
Subtotal:	0.00	0.00	0.00	8.00	6.50	8.00	8.00	8.00	5.00	0.00	0.00	4.00	7.00	9.00	8.00	8.00	0.00	71.50

Release Time:

Sick Leave																			
Annual Leave																			
Holiday																			
Comp. Time Used																			
Other - Funeral																			
Total:	8.00	0.00	0.00	8.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	8.00	8.00	9.00	8.00	8.00	0.00	89.00	
Comp. Time Gained																			1

Employee's Signature: Carolyn Bennett
 Date: 4/2/12

Approved by: James Chapman
 Date: 4/2/12

CIUA EMPLOYEE TIME SHEET

Pay Period: March 1 - 15, 2012

Name: Carolyn Bennett
 Position: Project Coordinator

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	31	Total:
Anna Water	16																0
Anna Sewer																	0
Gainesville Water									1								1
Gainesville Sewer																	0
Gainesville ROW P Crk																	0
General - Cont. Disc.								7									7
Krum WWTP - Permit																	0
Melissa Sewer																	0
Pottsboro 07 Water	1				1				1								4
Pottsboro Sewer																	2
Princeton	1	2.5			3				1					2			12.5
Sherman Sewer	3	2					2		2					1			10
Sherman Water		1							1					1			4
RRGCD						4			1					1			10.5
Gunter Water																	0
VA Sewer					1.5												1.5
4301 Permit Kiowa/WB																	0
Lake Texoma Water																	0
NTGCD						4			2					1			8.5
Subtotal:	5.00	5.50	0.00	0.00	5.50	8.00	7.00	8.00	8.00	0.00	0.00	7.00	0.00	7.00	0.00	0.00	61.00

Release Time:

Sick Leave		2.5							1.5								15
Annual Leave																	8
Holiday																	0
Comp. Time Used	3				1												4
Other - Funeral																	0
Total:	8.00	8.00	0.00	0.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	8.00	8.00	8.00	8.00	0.00	88.00
Comp. Time Gained																	0

Employee's Signature:

Carolyn Bennett
 3/18/2012

Approved by:

James D. [Signature]
 3-30-12

GTUA EMPLOYEE TIME SHEET

Name: **LAURIE KILLIAN**

Position: **ACCOUNTING ASSISTANT**

Pay Period: **3/1/12 through 3/15/12**

Project Name	1 16	2 17	3 18	4 19	5 20	6 21	7 22	8 23	9 24	10 25	11 26	12 27	13 28	14 29	15 30	16 31	Total:
General	8	6			8	5.5	8	4	8				2.5	8	7		65
RRGCD		1										4	2				7
NTGCD		1										4	3		1		9
Total:						1.25	0.5	1						0.5			81
Earned Comp Time																	3.25

Release Time:

	Rowdy Dr	Lasik	Contractor
Sick Leave	2.5	4	
Annual Leave			
Holiday			
Comp. Time			0.50
Other			
Total:			7

Grand Total:	8	8			8	9.25	8.5	9	8		8	8	8	8.5	8		91.25
---------------------	---	---	--	--	---	------	-----	---	---	--	---	---	---	-----	---	--	-------

Employee's Signature: *Laurie Killian* Date: 3.30.12

Approved by: *Jerry DeGroot* Date: 4/10/12

**GREATER TEXOMA UTILITY AUTHORITY
EXPENSE VOUCHER**

Payee's Name: Lauree Branchfield-Killian Title: Acct Asst

For travel and other expenses from: 3-1-12 to 3-30-12

Previous outstanding (or credit) advances \$ _____

Advances for this month: \$ _____

Subtotal: \$ 0

Less: Expenses for this month (Listed on reverse side) \$ 228.66

Total outstanding (due) to payee: \$ 228.66

ACCOUNTS CHARGED

Account	Amount	Account	Amount	Account	Amount
<u>HTGLD</u>	<u>13.32</u>	<u>RRGLD</u>	<u>79.92</u>	<u>Transportation</u>	<u>135.42</u>
<u>77700</u>		<u>77710</u>		<u>78770</u>	
Account	Amount	Account	Amount	Account	Amount
Account	Amount	Account	Amount	Account	Amount
Account	Amount	Account	Amount	Account	Amount
Account	Amount	Account	Amount	Account	Amount

Signed: Lauree Branchfield-Killian Approved: Jerry Cheyenne
 Title: Acct Asst Title: _____
 Date: 4-3-12 Date: _____



GREATER TEXOMA UTILITY
5100 AIRPORT DR
DENISON TX 75020 - 8448

Page 2 of 9
Account Number 903 786-4433 566 4
Billing Date Mar 15, 2012

Plans and Services

Monthly Service - Mar 15 thru Apr 14 - Continued

Charges for 903 786-5034

1. Bus Local Calling Unlimited B	30.00
Business Line (Measured Rate)	
Caller ID Name Delivery	
Caller ID Number Delivery	
Expanded Local Calling Service	
Hunting	
Touchtone	
Unlimited Local Usage	

Charges for 903 786-8211

2. Bus Local Calling Unlimited B	30.00
Business Line (Measured Rate)	
Caller ID Name Delivery	
Caller ID Number Delivery	
Expanded Local Calling Service	
Touchtone	
Unlimited Local Usage	

Total Monthly Service 210.00

Surcharges and Other Fees

3. Federal Subscriber Line Charge	37.10
4. 911 Fee	3.92
5. State Cost-Recovery Fee	.59
6. Federal Universal Service Fee	7.42
Total Surcharges and Other Fees	49.03

Taxes

7. Federal	5.00
8. State and Local	.00
Total Taxes	5.00

Total Plans and Services 264.03

Amount Subject to Sales Tax: .59

AT&T Long Distance

Important Information

Message Regarding Terms & Conditions:
To view your Terms & Conditions for AT&T Long Distance, access www.att.com/servicepublications or call AT&T at the toll free number on your bill.

Invoice Summary

(as of March 03, 2012)

Current Charges	
Service Charges	107.33
Credits and Adjustments	.00
Call Charges	34.00

Invoice Summary - Continued

(as of March 03, 2012)

Surcharges and Other Fees	16.56
Taxes	8.38

Total Invoice Summary 166.27

Service Charges

Monthly Service Charges

Type of Service	Period	Qty		
9. BUC II 7L 1Y (Adjusted)	02/08-03/01	2		205.34CR
10. 15 BUC II 7L 1Y (Prorated)	02/08-03/01	1	11.00 ea	77.00
11. 15 BUC II 7L 1Y	03/02-04/01	1	15.00 ea	105.00
12. BUC II 7L 1Y (Prorated)	02/08-03/01	1	14.67 ea	102.67
13. Switched Toll Free	03/02-04/01	2	14.00 ea	28.00
Total Monthly Service Charges				107.33

Total Service Charges 107.33

Call Charges - Feb 2nd thru Mar 1st

Calls for 903-786-3501

Domestic Item

No.	Date	Time	Place Called	Number	Code	Min	
14.	2-08	953A	DENTON TX	940 395-1898	D	12:54	.00
15.	2-08	226P	PROVO UT	801 891-5534	D	0:42	.00
16.	2-08	234P	PROVO UT	801 891-5534	D	6:30	.00
17.	2-13	1050A	MYRA TX	940 738-5533	D	0:30	.00
18.	2-15	1008A	AUSTIN TX	512 322-5800	D	1:24	.00
19.	2-15	1008A	AUSTIN TX	512 322-5839	D	3:54	.00
Subtotal Domestic Calls for 903-786-3501							.00

Total Domestic Calls for 903-786-3501 .00

Total Calls for 903-786-3501 .00

Calls for 903-786-4433

Domestic Item

No.	Date	Time	Place Called	Number	Code	Min	
20.	1-31	320P	DALLAS TX	214 217-2282	D	1:06	.00
21.	2-02	1136A	AUSTIN TX	512 239-1328	D	0:42	.00
22.	2-06	1016A	PLANO TX	972 398-4418	D	0:36	.00
23.	2-06	1159A	GAINESVILLE TX	940 668-4540	D	0:54	.00
24.	2-07	1028A	AUSTIN TX	512 322-5800	D	3:06	.00
25.	2-07	1125A	IRVING TX	972 948-7349	D	0:42	.00
26.	2-07	1128A	ARLINGTON TX	817 676-5314	D	0:48	.00
27.	2-08	1039A	WYLIE TX	972 442-5405	D	3:00	.00
28.	2-08	127P	CLEBURNE TX	817 556-2299	D	0:36	.00
29.	2-08	242P	PRINCETON TX	972 736-2416	D	7:30	.00
30.	2-08	258P	KRUM TX	940 482-3491	D	0:48	.00
31.	2-09	942A	AUSTIN TX	512 322-5800	D	1:24	.00





Invoice Number

7-823-47823

Invoice Date

Mar 15, 2012

Account Number

1059-1052-5

Page 5 of 5

Dropped off: Mar 02, 2012

Dest. Ref: RRGCD & NTGCD

Ref #2:

Payor: Shipper

Ref #3:

- Fuel Surcharge - FedEx has applied a fuel surcharge of 11.50% to this shipment.
- Distance Based Pricing, Zone 2
- FedEx has audited this shipment for correct packages, weight, and service. Any changes made are reflected in the invoice amount.
- The package weight exceeds the maximum for the packaging type, therefore, FedEx Envelope was rated as FedEx Pak.

*RR + 9/11
10.48 each*

Automation	INET	Sender	Recipient
Tracking ID	798124494724	CARMEN CATTERSON	Randy McGee
Service Type	FedEx Standard Overnight	GREATER TEXOMA UTILITY AUTHORI	USTI
Package Type	FedEx Pak	5100 AIRPORT DRIVE	1430 VALWOOD PKWY STE 130
Zone	02	DENISON TX 75020 US	CARROLLTON TX 75006 US
Packages	1		
Rated Weight	1.0 lbs, 0.5 kgs		
Delivered	Mar 05, 2012 12:50		
Svc Area	A1	Transportation Charge	18.80
Signed by	B.COEA	Fuel Surcharge	2.16
FedEx Use	00000000/0001283/_	Total Charge	USD \$20.96

Shipper Subtotal	USD	\$78.05
Total FedEx Express	USD	\$78.05

RECEIVED
 MAR 21 2012
 BY: GTUA

**PURCHASE ORDER
GREATER TEXOMA
UTILITY AUTHORITY**

ORDER NO.
0863

5100 AIRPORT DRIVE
DENISON, TEXAS 75020
903-786-4433

TO GoDaddy.com SHIP TO _____
 ADDRESS _____ ADDRESS _____
 CITY _____ CITY _____

FOR RR610		REQ. NO.	HOW SHIP	DATE REQUIRED	TERMS	DATE 3/1/12
QUANTITY ORDERED	RECEIVED	PLEASE SUPPLY ITEMS LISTED BELOW			PRICE	UNIT
		Domain - renewal - 1 year			15.17	
		Website Tonight - upgrade			179.88	
		renewal - 1 year			179.88	
		Email - renewal - 1 year			35.88	
		Total			234.97	

IMPORTANT
 OUR ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.
 PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED.

PLEASE SEND COPIES OF YOUR INVOICE WITH ORIGINAL BILL OF LADING.
Jerry Chapman
 PURCHASING AGENT

*RR610
234.97*



JERRY W CHAPMAN
4356 2200 0061 8666

Business Card

February 16, 2012 - March 15, 2012

Cardholder Statement

Account Information:
www.bankofamerica.com

Mail Billing Inquiries to:
BANK OF AMERICA
PO BOX 982238
EL PASO, TX 79998-2238

Mail Payments to:
BUSINESS CARD
PO BOX 15796
WILMINGTON, DE 19886-5796

Customer Service:
1.800.673.1044, 24 Hours

TTY Hearing Impaired:
1.888.500.6267, 24 Hours

Outside the U.S.:
1.509.353.6656, 24 Hours

For Lost or Stolen Card:
1.800.673.1044, 24 Hours

Business Offers:
www.bankofamerica.com/mybusinesscenter

Payment Information	
New Balance Total	\$611.69
Minimum Payment Due	\$611.69
Payment Due Date	04/11/12
Minimum Payment Warning: If you make only the minimum payment each period, you will pay more in interest and it will take you longer to pay off your balance.	

Account Summary	
Previous Balance	\$232.30
Payments and Other Credits	-\$372.97
Balance Transfer Activity	\$0.00
Cash Advance Activity	\$0.00
Purchases and Other Charges	\$751.36
Fees Charged	\$0.00
Finance Charge	\$1.00
New Balance Total	\$611.69
Credit Limit	\$5,000
Credit Available	\$4,388.31
Statement Closing Date	03/15/12
Days in Billing Cycle	29

RECEIVED
MAR 21 2012
BY: GTUA

Transactions

Posting Date	Transaction Date	Description	Reference Number	Amount
02/27	02/25	PAYMENT RECEIVED -- THANK YOU	05674405350000500391991	- 232.30
03/08	03/07	SECURECHECK 3256255419 TX	74492152067849895081296	- 448.67
03/02	03/02	DNH*GODADDY.COM 480-505-8855 AZ	24692162062000175775838	55.17
03/02	03/01	GODADDY.COM 480-5058855 AZ	24906412061307792184639	179.88
03/02	03/01	GODADDY.COM 480-5058855 AZ	24906412061308170660802	55.09
03/02	03/01	GODADDY.COM 480-5058855 AZ	24906412061308213259513	179.88
03/08	03/07	SECURECHECK 325-625-5419 TX	24492152067849892216254	440.67
03/08	03/07	SECURECHECK 325-625-5419 TX	24492152067849895079428	140.67

MTGED - 55.17
RRGED - 179.88
MTGED - 179.88
GTUA - 140.67

0023230 0061169 0061169 4356220000618666

BUSINESS CARD
PO BOX 15796
WILMINGTON, DE 19886-5796

JERRY W CHAPMAN
GREATER TEXOMA UTIL AU
5100 AIRPORT DR
DENISON, TX 75020-8448

Account Number: 4356 2200 0061 8666
February 16, 2012 - March 15, 2012

New Balance Total \$611.69
Minimum Payment Due \$611.69
Payment Due Date 04/11/12

Enter payment amount

Check here for a change of mailing address or phone numbers.
Please provide all corrections on the reverse side.

Mail this coupon along with your check payable to:
BUSINESS CARD,
or make your payment online at
www.bankofamerica.com

Go Daddy
PRINT

Receipt#: 405041714

DATE: 3/1/2012 2:15:16 PM

Customer #: 42686623

Billing Information

Carmen Catterson

PO Box 1214

Sherman, TX 75091

US

Daytime Phone: 9837464433

Email: carmen@redrivergcd.org

Name: Jerry Chapman

Paid: Visa (\$179.88)

Account Number: #####8666

<u>Label</u>	<u>Name</u>	<u>Attributes</u>	<u>Unit Price</u>	<u>Today's Price</u>	<u>Qty</u>	<u>Extra Disc.</u>	<u>Total Price</u>
17514-	WebSite Tonight Premium - 999 Page Web Site		\$179.88	\$179.88	1	\$0.00	\$179.88
1	w/Photo Album - Renewal - 1 year (recurring)						
	Length: 1 Period(s)						

Subtotal: \$179.88

Shipping & Handling: \$0.00

Tax: \$0.00

Total (United States Dollars): \$179.88

Go Daddy
PRINT

Receipt#: 405041234

DATE: 3/1/2012 2:14:23 PM

Customer #: 42686623

Billing Information

Carmen Catterson
PO Box 1214
Sherman, TX 75091
US
Daytime Phone: 9837464433
Email: carmen@redrivergcd.org

Name: Jerry Chapman
Paid: Visa (\$55.09)
Account Number: #####8666

<u>Label</u>	<u>Name</u>	<u>Attributes</u>	<u>Unit Price</u>	<u>Today's Price</u>	<u>ICANN fee</u>	<u>Qty</u>	<u>Extra Disc.</u>	<u>Total Price</u>
10759-1	Email - Unlimited (Unlimited Storage/10 Boxes) - Renewal (recurring) <i>Length: 1 Period(s)</i>		\$35.88	\$35.88	\$0.00	1	\$0.00	\$35.88
12112-1	.ORG Domain Name Renewal - 1 Year (recurring) <i>Length: 1</i> Domain: REDRIVERGCD.ORG <input type="checkbox"/> Show Domains		\$14.99	\$14.99	\$0.18	1	\$0.00	\$15.17
7514-1	WebSite Tonight Premium - 999 Page Web Site w/Photo Album - 1 year (recurring) <i>Length: 1 Period(s)</i>		\$68.40	\$68.40	\$0.00	1	\$0.00	\$4.04

Subtotal: \$55.09
Shipping & Handling: \$0.00
Tax: \$0.00

Total (United States Dollars): \$55.09

**PURCHASE ORDER
GREATER TEXOMA
UTILITY AUTHORITY**

ORDER NO.
0859

5100 AIRPORT DRIVE
DENISON, TEXAS 75020
903-786-4433

TO SAM'S CLUB SHIP TO _____
 ADDRESS _____ ADDRESS 5100 AIRPORT DR
 CITY _____ CITY DENISON TX 75020

FOR NTGCA + RRGCA REQ. NO. CA HOW SHIP _____ DATE REQUIRED _____ TERMS _____ DATE 2/8/2012

QUANTITY		PLEASE SUPPLY ITEMS LISTED BELOW	PRICE	UNIT
ORDERED	RECEIVED			
28		RR- 292631 RR-292631 Dividers	25 76	.92
28		NTX- 292631 Dividers	25 76	.92
15		NTX- RR-290181 Binders 290181	109 20	1.28
13		RR- 290181 Binders	94 64	1.28
1		RR/NTX Calendar-Desk (Am) 3	19 6 38	6.38

IMPORTANT

OUR ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.
PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED.

PLEASE SEND

COPIES OF YOUR INVOICE WITH ORIGINAL BILL OF LADING.

Jerry Chapman

PURCHASING AGENT

RRGCD
123.59



Checkout: Receipt

Thank you for your order!

[Print Receipt](#) | [Save settings for Express Checkout](#) | [Save order as shopping list](#)

Order Number:
1031853838
Order Date:
February 08, 2012
Order Total:
\$278.11 (85 items)

Need to cancel your order?

You can cancel or modify any order (other than GE, Tire or eGift card orders) within 1 hour of the time it was placed.

[Cancel this order](#)

YOUR SHIPMENTS: 1 of 1

Shipping To:

Carolyn Bennett
5100 Airport Drive
Denison, TX 75020
US
(903) 786-4433

ITEM / ITEM #	QTY	Shipping Method	GIFT	PRICE	TOTAL
<u>Avery Work-Saver Big Tab Reinforced Dividers, Multicolor Tabs, 8-Tab, Letter, Buff</u> Item #: 292631 Type : 8 Tabs Style : Multicolored Tabs	56	Arrives between 02/09/12 and 02/11/12 Via Standard Shipping Standard Shipping is Included!	No	\$0.92	\$51.52
<u>Avery Durable Stant Ring Reference View Binder</u> Item #: 290181 Color : Black Size-Price : 3 in.	15	Arrives between 02/09/12 and 02/11/12 Via Standard Shipping Standard Shipping is Included!	No	\$7.28	\$109.20
<u>Avery Durable Stant Ring Reference View Binder</u> Item #: 290188 Color : White Size-Price : 3 in.	13	Arrives between 02/09/12 and 02/11/12 Via Standard Shipping Standard Shipping is Included!	No	\$7.28	\$94.84
<u>At-A-Glance 12-Month Desk Pad Calendar</u> Item #: 635574	1	Arrives between 02/09/12 and 02/11/12 Via Standard Shipping Standard Shipping is Included!	No	\$6.38	\$6.38

Subtotal: \$261.74
Shipping: \$0.00
Tax: \$16.37
Gift Option: \$0.00
SHIPMENT 1 TOTAL: \$278.11

YOUR BILLING

Billing To:

CAROLYN BENNETT
5100 AIRPORT DR
DENISON, TX 75020
US
(903) 786-4433

Payment Method
Business Credit

[Continue Shopping](#)

[Return to cart](#)

Have questions? One of our associates will be happy to help you. Call us at 1-888-746-7726.

PO 0859
NTX GCD
RRG-CD
Debbie
Credited
16.37
to Acct

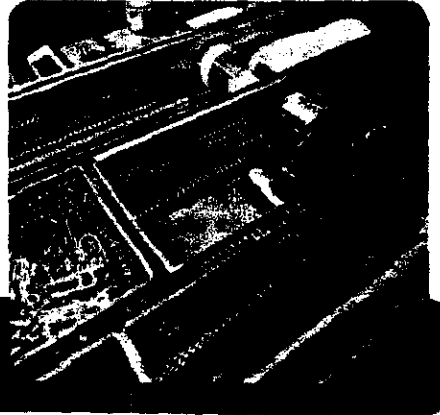


Savings Made Simple

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- Paper and Ink
- Storage Solutions
- Desk Supplies
- Snacks and Beverages
- And More!



Visit your local Club or shop online at **SamsClub.com/office**

Sam's Club® Credit

GREATER TEXOMA UTIL
Account Number: 7715 0904 2826 0863

Visit us at samsclub.com/credit
Member Service: 1-800-203-5764

0-38
1-38

Summary of Account Activity		Payment Information	
Previous Balance	\$0.00	New Balance	\$278.11
+ Purchases/Debits	\$278.11	Total Minimum Payment Due	\$50.00
New Balance	\$278.11	Payment Due Date	03/27/2012
Credit Limit	\$8,600.00		
Available Credit	\$8,114.00		
Statement Closing Date	03/02/2012		
Days in Billing Cycle	29		

Transaction Summary				
Tran Date	Post Date	Reference Number	Description of Transaction or Credit	Amount
02/10	02/10	P928000DY00YFEE0G	SAMSClub.COM BENTONVILLE AR	\$278.11
TOTAL FOR AUTHORIZED BUYER NO 21				\$278.11

Interest Charge Calculation					
Your Annual Percentage Rate (APR) is the annual interest rate on your account.					
Type of Balance	Expiration Date	ANNUAL PERCENTAGE RATE	Balance Subject to Interest Rate	Interest Charge	Balance Method
Regular Purchases	N/A	21.90% (v)	\$0.00	\$0.00	2D
(v) = variable rate					

RECEIVED
MAR 07 2012
BY: *G. H. H.*

PAYMENT DUE BY 5 P.M. (ET) ON THE DUE DATE.

NOTICE: We may convert your payment into an electronic debit. See reverse side for details, Billing Rights and other important information.

MEMBER SERVICE: For Account Information log on to samsclub.com/credit. This account is not registered. The authentication code is: NATD168. Or call toll-free 1-800-203-5764.



816 Congress Avenue Suite 1900
Austin, TX 78701-4071
Telephone: (512) 322-5800
Facsimile: (512) 472-0532
Federal ID: 74-2308445
www.lglawfirm.com

Red River Groundwater Conservation District
Attn George Henderson
P O Box 1214
Sherman, TX 75091

March 31, 2012
Invoice 56130

ID: 3228-0000 - BLS *RL*
Re: General

For Services Rendered Through February 29, 2012

Previous Balance		645.00
Payments		-645.00
		0.00
Current Fees	778.00	
		778.00
	Total Due	778.00

RECEIVED
APR 09 2012
BY: RRGED

Lloyd Gosselink Rochelle & Townsend, P.C.

Red River Groundwater Conservation District
 Re: General
 I.D. 3228-0000 - BLS

March 31, 2012
 Invoice 56130
 Page 2

Date	Atty	Description	Hours
02/02/12	BLS	Office conference with E. Zoch on preparation of incorporated changes version of bylaws; review same	0.20
02/02/12	EDZ	Office conference with B. Sledge regarding incorporating approved changes into District Bylaws.	0.20
02/07/12	EDZ	Work on incorporating changes to Bylaws; finalize same; forward same to District staff; case management.	2.60
02/15/12	EDZ	Case management.	0.20
02/28/12	BLS	Office meeting with E. Zoch regarding draft rules revisions; review, research, and edit same; dispatch to general manager with correspondence; phone conference with general manager regarding same; revised and dispatched revised rules revisions to general manager	0.80
02/28/12	EDZ	Office meeting with B. Sledge; review and revise rulemaking notice; prepare rules revisions; follow-up with B. Sledge regarding same; case management; telephone call with District staff regarding same.	1.20
Totals			5.20

		Hours	Rate/Hour	Amount
Brian L Sledge	Principal	1.00	295.00	295.00
Erin D Zoch	Paralegal	4.20	115.00	483.00
Totals		5.20		778.00

Total Fees and Disbursements 778.00

778.00

RECEIVED
 APR 09 2012
 BY: RRBCD



Invoice : 92473529
 Order : 2496121
 Customer : 451209
 Customer PO : QUOTE CHAPMAN
 P.O. Date : 03/22/2012
 End User : 451209
 Project :

Document date : 03/30/2012
 Delivery : 81542943

RED RIVER GROUNDWATER CONSERVATION

Phone: (909)793-2853

Bill to:

RED RIVER GROUNDWATER CONSERVATION
 DISTRICT
 5100 AIRPORT DR
 DENISON TX 75020

Invoice

Page : 1

Ship to:

CARMEN CATTERSON
 RED RIVER GROUNDWATER CONSERVATION
 DISTRICT
 5100 AIRPORT DR
 DENISON TX 75020

For questions regarding this document, please contact Customer Service at 888-377-4575.

Terms of payment: Net Due 30 days, no discount

This transaction is governed exclusively by the terms of the above-referenced contract, if any, or Esri's standard terms and conditions at www.esri.com/legal.

Item	Qty	Material Number	Price
1000	1	109897 ArcGIS Server Standard Workgroup Up to Two Cores License	5,000.00
2000	1	122810 ArcGIS Server Workgroup 10.0 with Esri Data & Maps for ArcGIS Server Backup Media	
2010	1	120895 ArcGIS Server Workgroup 10.0 Backup Media	
2020	1	120938 Esri Data & Maps for ArcGIS Server 10.0 (Includes Esri Data & Maps for ArcGIS) Backup Media	
2030	2	109044 ArcGIS Server Standard Workgroup One Core Additional License	5,000.00
		Items total	10,000.00
		Subtotal	10,000.00
		Shipping & Handling	19.95
		Total:	\$ 10,019.95

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Invoice

Page : 2

RECEIVED
 APR 09 2012
 BY: RRGCD

FEIN: 95-2775732
 DUNS/CEC: 06-313-4175 CAGE: OAMS3
 Please detach lower portion and return with remittance



Remit Payment to: Environmental Systems Research Institute, Inc.

By Check:
 File 54630
 Los Angeles, CA 90074-4630

Electronic Instructions:
 Bank: Bank of America
 Wire ABA: 026009593 Acct# 1496150335
 ACH ABA: 121000358 Acct# 1496150335

RED RIVER GROUNDWATER CONSERVATION
 DISTRICT
 5100 AIRPORT DR
 DENISON TX 75020

Invoice: 92473529
 Order: 2496121
 Payer: 451209

Document Date: 03/30/2012

Total: \$ 10,019.95

Payment Amt: \$



1320 South University Drive, Suite 300
Fort Worth, Texas 76107

February 24, 2012
Project No: 1722-001-01
Invoice No: 000000032215
Project Manager: Adam Rose
Total Contract: 65,900.00

Red River Groundwater Conservation District
P.O. Box 1214
Sherman 75091-1214

Project 1722-001-01 Red River GWCD Water Well GIS Geodatabase

Professional Services through February 24, 2012


Fee

Billing Phase	Fee	Percent Complete	Amount Billed	Previous Billed	This Invoice
Database Design	9,800.00	92.00	9,016.00	8,330.00	686.00
Application Design	30,300.00	59.00	17,877.00	11,211.00	6,666.00
Application Testing and Project Control	9,600.00	24.00	2,304.00	0.00	2,304.00
Setup and Training	3,700.00	0.00	0.00	0.00	0.00
Meeting and Project Communication	12,500.00	59.00	7,375.00	4,125.00	3,250.00
Total Fee	65,900.00		36,572.00	23,666.00	12,906.00
Total Fee					12,906.00
Total this Invoice					\$12,906.00

Outstanding Invoices

Number	Date	Amount
000000032015	12/30/2011	8,478.00
000000032078	1/27/2012	15,188.00
Total		23,666.00

Billings to Date	Current	Prior	Total	Payments	A/R Balance
	12,906.00	23,666.00	36,572.00	0.00	36,572.00

Authorized By: 
Adam Rose

Date: 3/8/12

29,328.00
Remains on Contract

RECEIVED
MAR 14 2012
BY: RRGCD

Invoice

LBG-Guyton Associates
4 Research Drive, Suite 301
Shelton, Connecticut
06484
Phone:
203.944.5000

February 17, 2012
Invoice No: 201202113

RED RIVER GCD
PO BOX 1214
SHERMAN, TX 75091

Project 0411.FANGRA.00 FANNIN & GRAYSON COUNTY

Professional Services through January 31, 2012
Professional Personnel

	Hours	Rate	Amount	
Hutchison, William	.50	195.00	97.50	
Hutchison, William	39.00	200.00	7,800.00	
Sybank, Leigh	3.00	89.00	267.00	
Totals	42.50		8,164.50	
Total Labor				8,164.50

Reimbursable Expenses

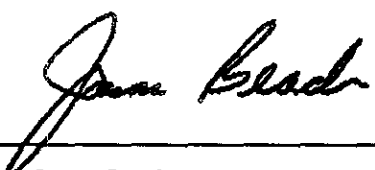
Mileage-personal auto				
1/18/2012 Hutchison, William	Mileage to Denison		311.91	
Total Reimbursables			311.91	311.91

Service charge: phone, fax, copies			163.29	
Admin. fee on expenses			15.60	
			178.89	178.89

Total this Invoice \$8,655.30

Payment is due upon receipt of invoice. On accounts past due by 45 days, Client will pay a finance charge of 1.25 percent per month dating from the invoice date. We accept MasterCard and Visa.

Project Manager William Hutchison

Authorized By: 
James Beach

RECEIVED
MAR 09 2012
BY: RRGLD

Invoice

LBG-Guyton Associates
4 Research Drive, Suite 301
Shelton, Connecticut
06484
Phone: 203.944.5000

March 14, 2012

Invoice No: 201203046

RED RIVER GCD
 PO BOX 1214
 SHERMAN, TX 75091

Project 0411.FANGRA.00 FANNIN & GRAYSON COUNTY

Professional Services through February 29, 2012

Professional Personnel

	Hours	Rate	Amount	
Hutchison, William	15.00	200.00	3,000.00	
Totals	15.00		3,000.00	
Total Labor				3,000.00

Reimbursable Expenses

Mileage-personal auto				
2/22/2012 Hutchison, William	Drive to Dension		313.58	
Total Reimbursables			313.58	313.58

Service charge: phone, fax, copies			60.00	
Admin. fee on expenses			15.68	
			75.68	75.68

Total this Invoice \$3,389.26

Outstanding Invoices

Number	Date	Balance
201202113	2/17/2012	8,655.30
Total		8,655.30

Payment is due upon receipt of invoice. On accounts past due by 45 days, Client will pay a finance charge of 1.25 percent per month dating from the invoice date. We accept MasterCard and Visa.

Project Manager William Hutchison

Authorized By: _____

James Beach

James Beach

RECEIVED
 MAR 22 2012
 BY: RRGCD

Bayless-Hall & Blanton Insurance

2007 Texoma Parkway, Suite 126
 P. O. Box 2527
 Sherman, TX 75091
 www.bayless-hall.com
 (903) 868-9696 phone
 (903) 893-4985 fax

INVOICE

DATE: March 30, 2012

TO:
 RED RIVER GROUNDWATER CONSERVATION DISTRICT
 P O BOX 1214
 SHERMAN, TEXAS 75091

POLICY PERIOD	DESCRIPTION OF POLICY	PAYMENTS	AMOUNT DUE
03/14/12 - 03/14/13	Public Official Bond \$90,000		\$315.00
<div style="transform: rotate(-30deg); font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold;">MAR 30 2012</div> <div style="font-size: 1.2em; font-weight: bold;">BY: RRSCD</div>			
TOTAL PAID			\$315.00

Make all checks payable to: Harris - Blanton Insurance
 If you have any questions concerning this invoice, please call our office.

THANK YOU FOR YOUR BUSINESS!

Visit us at our website-www.bayless-hall.com.

ATTACHMENT 6



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 6

CONSIDER AND DISCUSS PROCEDURE FOR TIMELY PAYMENT OF EXPENSES

ISSUE

The District incurs expenses on a weekly basis to conduct its activities. However, the Board meets only monthly, which causes some bills to be paid late.

BACKGROUND

Invoices are provided to the Board on a monthly basis for approval. However, invoices are received weekly and some have a limited amount of time to be paid on time. This causes some bills to be paid late.

OPTIONS/ALTERNATIVES

In order to facilitate the timely payment of expenses, the Board could consider a procedure which would allow the Finance Officer to collect expenses that have occurred for budgeted line items, email the Board President or Secretary/Treasurer, who could affirm that the expenses can be paid and the Board would formally approve at the next meeting.

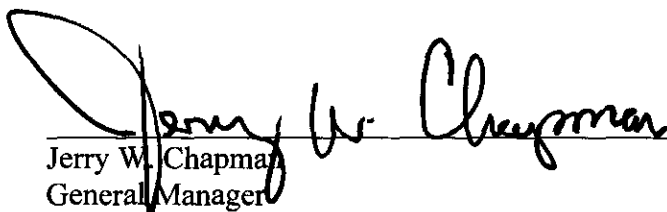
CONSIDERATIONS

Utilizing this procedure would insure that bills are paid on a timely basis. The Board could consider providing a dollar limit to this procedure to prevent the President or Secretary/Treasurer from authorizing payments over a certain amount without the Board's approval. This procedure could utilize a signature plate signed by the President and Secretary/Treasurer.

STAFF RECOMMENDATIONS

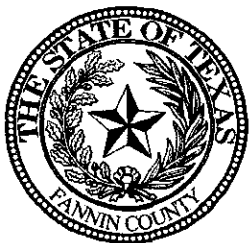
The staff recommends the Board consider reviewing this circumstance and providing a procedure for paying bills that are budgeted expenses in a timely fashion.

PREPARED AND SUBMITTED BY:



Jerry W. Chapman
General Manager

ATTACHMENT 7



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 7

ESTABLISH INVESTMENT COMMITTEE, APPOINT AN INVESTMENT OFFICER AND DISCUSS DEVELOPMENT OF AN INVESTMENT POLICY

ISSUE

The need for an Investment Policy.

BACKGROUND

Debi Atkins, the Authority's Finance Officer reminded me that the Board needs to develop an Investment Policy and review it annually. Although the District does not have large amounts of funds in the bank at the present time, Mrs. Atkins informs me that in order to have the FDIC coverage on funds, public agencies must have a current Investment Policy.

OPTIONS/ALTERNATIVES

The Board could appoint an Investment Committee to develop an Investment Policy and review it annually.

CONSIDERATIONS

If no Investment Policy is developed, the FDIC Coverage could be invalidated.

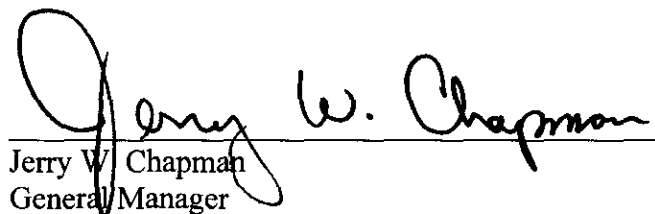
STAFF RECOMMENDATIONS

The staff recommends the Board consider appointing three members to work with staff to develop a policy to be brought back to the District for adoption at a future meeting.

ATTACHMENTS

Sample Investment Policy

PREPARED AND SUBMITTED BY:



Jerry W. Chapman
General Manager

EXHIBIT "A"

SAMPLE

INVESTMENT POLICY

1.01 PURPOSE

This policy with respect to district investments has been adopted by the Board of Directors (the "Board") of Red River Groundwater Conservation District (the "District") to establish the principles and criteria by which the funds of the District should be invested and secured (a) to preserve the principal, (b) to earn interest, (c) to address investment diversification, yield, and maturity, (d) to fulfill the duties of the designated Investment Officer of the District, (e) to comply with the types of authorized investments and to specify the maximum allowable stated maturity of the District's investments, and (f) to comply with the provisions of Texas law related to the investment and security of funds applicable to groundwater conservation districts ("Investment Laws"). The provisions of Chapter 36 and Chapter 49 of the Texas Water Code relating to investments and securities, the Public Funds Investment Act (the "Act") as amended in Chapter 2256 of the Texas Government Code, and other appropriate statutes are applicable to the investment of the District's funds.

1.02 POLICY OF INVESTMENT

- A. The preservation of principal shall be the primary concern of the District and the District Investment Officer. To the extent that the principal is protected, District funds shall be invested to yield the highest possible rate of return to meet the current and future financial needs of the District and to maintain liquidity, all while taking into consideration the strength of the financial institution, and complying with any Internal Revenue Code laws or regulations and procedures set forth in any bond resolutions or orders, adopted from time to time by the Board. Funds of the District shall be invested by the District's staff in accordance with the policy. Any resolution or order adopted by the Board relating to investment policies or procedures shall be in writing and shall be made available to requesting members of the public.
- B. Investment of funds shall be governed by the following investment objectives, in order of priority:
 - a. Preservation and safety of principal
 - b. Liquidity
 - c. Diversification
 - d. Yield.
- C. The investment of the District's funds should be diversified to minimize risk or loss resulting from over-concentration of assets in a specific maturity, specific issuer, or specific class of securities. Diversification strategies shall be established and periodically reviewed. The Investment Officer, to the extent possible, will attempt to match investments with anticipated cash flow requirements. Matching securities with

cash flow dates will normally increase yield, will lock in higher yields, and reduce the need to sell securities prior to maturity, thus reducing market risk.

1.03 DELEGATION OF INVESTMENT AUTHORITY

- A. The Board shall designate by resolution one or more officers or employees of the District to be responsible for the investment of its funds and be the District's Investment Officer. The Board resolution shall also authorize the Investment Officer to engage in investment transactions, deposit, withdraw, wire funds for investments, transfer and manage funds on behalf of the District. However, there shall be no transfer, expenditure, or appropriation of District funds, other than a transfer of the funds from one District account to another account of the District as stated above, unless by check or draft signed by two (2) members of the Board or authorized by separate order or resolution of the Board.
- B. The Investment Officer is responsible for considering the quality and capability of staff, investment advisors, and consultants involved in investment management and procedures. The Board retains ultimate fiduciary responsibility.
- C. The Investment Officer shall develop and maintain written administrative procedures for the operation of the investment program which are consistent with this Investment Policy. Procedures will include reference to safekeeping, wire transfer agreements, banking services contracts, and other investment related activities.
- D. All participants in the investment process shall seek to act responsibly as custodians of the public trust. No officer or designee may engage in an investment transaction except as provided under the terms of this Policy and the procedures established.
- E. The Investment Officer's authority is effective until the District rescinds the authority or until: (1) termination of employment with the District for an Investment Officer who is an employee of the District; or (2) vacating the office of director for an Investment Officer who is a director of the Board.
- F. An officer or employee of a regional planning commission, council of governments or similar regional planning agency created under Chapter 391, Local Government Code, is ineligible to be designated as an investment officer under this policy.
- G. Should total District funds exceed \$50,000, there is hereby established an investment committee, composed of the Investment Officer, and at least two directors. The investment committee shall meet quarterly to monitor and review the investments and collateral pledge agreements of the District. The Investment Officer shall be the chairman of the committee. The committee shall report concerning the District's investments transaction for the preceding year describing the investment portion of the District at the end of each fiscal year. The report shall be written and signed by members of the committee. The committee also shall report to the Board on its review the month following each quarterly meeting.

H. No person may deposit, withdraw, invest, transfer, or manage in any other manner funds of the District without the express written authority of the Investment Officer.

1.04 PRUDENT PERSON RULE

- A. The actions of the Investment Officer in the performance of his or her duties as manager of the District's funds shall be evaluated using the "prudent person" standard. Investments shall be made with judgment and care under prevailing circumstances which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment considering the probable safety of their capital as well as the probable income to be derived.
- B. The Investment Officer acting in accordance with written procedures exercising due diligence shall be relieved by personal responsibility for an individual security's performance provided that deviations from expectations are reported in a timely fashion to the governing body and appropriate action is taken to control adverse developments.

1.05 INVESTMENT STRATEGY BY FUND

Funds in the District accounts shall be invested by the Investment Officer as follows:

- a. Capital Projects Account: The District may choose to have a Capital Projects Account from time to time, and, if so, shall maintain as its primary objective to maximize the suitability of the investment in such funds to the financial requirements of the District while preserving the safety of principal with regard to monies collected or allocated for such fund.
- b. Operating Account: Funds in this account shall be invested to meet the operating requirements of the District as determined by the annual operating budget of the District, or by resolution of the Board.
- c. Debt Service Account: Funds in this account shall be invested to meet the debt service requirements of the District. In order to accomplish this, the District will invest such funds in amounts and maturity dates that most likely match the debt service requirements of the District.

1.06 AUTHORIZED INVESTMENTS

- A. Acceptable investments under this Policy shall be limited to the instruments listed below and as further described by the Act. If additional types of securities are approved for investment by public funds by state statute, they will not be eligible for investment by the District until this Policy has been amended and the amended version is adopted by the Board:
- a. Obligations of the United States Government, its agencies and instrumentalities, not to exceed two years to stated maturity, excluding

mortgage backed securities;

- b. Fully insured or collateralized certificates of deposit from any bank doing business in the State of Texas and under the terms of a written depository agreement with that bank, not to exceed one year to stated maturity, to include certificates of deposit purchased through the CDARS program with a Texas bank; and
- c. AAA-rated, constant dollar Texas Local Government Investment Pools as defined by the Act.

B. Bids for investments, including certificates of deposit, may be solicited:

- a. Orally;
- b. In writing;
- c. Electronically; or
- d. In any combination of those methods.

C. All purchases of securities shall be made on a delivery versus payment basis assuring that no District funds are released before the security is received by the custodian.

1.07 AUTHORIZED FINANCIAL DEALERS AND INSTITUTIONS

A. All investments made by the District will be made through either the District's banking services bank or an approved broker/dealer. The Board will review the list of broker/dealers annually. A list of at least three broker/dealers will be maintained in order to assure competitive bidding.

B. Securities broker/dealers must meet certain criteria as determined by the Investment Officer. The following criteria must be met by those firms on the list:

- a. Proof of certification by the Financial Industry Regulatory Association (FINRA) and provision of FINRA CRD number,
- b. District certification, and
- c. Proof of current registration with the Texas State Securities Board.

C. Every broker/dealer and bank with which the District transacts business will be provided a copy of this Investment Policy for review to assure that they are familiar with the goals and objectives of the investment program. A representative of the firm will be required to return a signed certification stating that the Investment Policy has been received and reviewed and that controls are in place to control that only authorized securities are sold to the District. A form of the certification is attached to this Investment Policy.

1.08 SAFEKEEPING AND COLLATERIALIZATION

A. Safekeeping of District Owned Securities.

- a. All purchased securities shall be cleared to safekeeping on a delivery versus payment basis and held in safekeeping by an independent third party financial institution, or the District's banking services depository.

- b. All safekeeping arrangements shall be approved by the Investment Officer and an agreement of the terms executed in writing. The independent third party custodian shall be required to issue safekeeping receipts to the District listing each specific security, rate, description, maturity, cusip number, and other pertinent information. Each safekeeping receipt will be clearly marked that the security is being held for the District or pledged to the District.

B. Securities Pledged as Collateral

- a. All securities pledged to the District for all bank time or demand deposits shall be held by an independent third party bank doing business in Texas. The safekeeping bank may not be within the same holding company as the bank from which securities are pledged.
- b. Collateralization is required on all time and demand deposits over the FDIC insurance coverage. In order to anticipate market changes and provide a level of additional security for all funds, the collateralization level will be 102% of the market value of the principal and accrued interest. Collateral will be held by an independent third party custodian. The custodian shall provide a written monthly report directly to the District listing all pledged collateral by description and par at a minimum

C. Authorized Collateral

- a. The only types of collateral authorized by the District are:
 - i. Obligations of the U. S. Government, its agencies and instrumentalities including mortgage-backed securities which pass the bank test.
 - ii. Obligations of a state or subdivision, city, county, school district of any state which is rated A or better by two nationally recognized rating agencies.
- b. If the depository proposes a collateral pooling program, the Investment Officer will review and evaluate the program's risk and cost to the District for presentation to the Board. The pooling of collateral allows a bank to create a pool of securities for collateral purposes for multiple governments and will not result in securities pledged directly/specifically to each government.

1.09 INVESTMENT TRAINING

- A. The Investment Officer shall attend at least one training session from an independent source approved by the Board involving at least six (6) hours of instruction related to the responsibilities and duties under Subchapter 2256 of the Act unless the Investment Officer currently is in compliance with the requirements of the Act. The initial training shall occur within 12 months after the Investment Officer takes office or assumes his or her duty. The Investment Officer shall attend an investment training session not less than once in a two-year period and receive not less than four (4) hours of instruction related to the duties and investment responsibilities under Subchapter 2256 of the Act from an independent source approved by the Board.
- B. Training under this section must include education in investment controls, security

risks, strategy risks, market risks, diversification of investment portfolio, and compliance with the Act.

1.10 REPORTING AND PERFORMANCE EVALUATION

- A. The Investment Officer shall submit a monthly report to the District Manager.
- B. Not less than quarterly, the Investment Officer shall prepare and submit to the Board a written report of investment transactions for all funds subject to this policy for the preceding reporting period. The report must:
 - a. Describe in detail the District's investment position on the date of the report;
 - b. Be prepared by the Investment Officer;
 - c. Be signed by the Investment Officer;
 - d. State the maturity date of each separately invested asset that has a maturity date;
 - e. State the book value and the market value of each separately invested asset at the beginning and end of the reporting period by the type of asset and fund type invested; and
 - f. State the compliance of the investment portfolio of the District with:
 - i. The investment strategy expressed in the District's Investment Policy; and
 - ii. Relevant provisions of the Act.
- C. Market prices for market evaluations will be obtained from an independent source.
- D. In addition, the report shall explain the quarter's total investment return and compare the return with budgetary expectations.
- E. All reports shall be in compliance with the Act.

1.11 MISCELLANEOUS

- A. The District, in conjunction with its annual financial audit, shall perform a compliance audit of management controls on investments and adherence to the District's established investment policies to review investment performance and to ensure investment security. The controls shall be designed to prevent loss of public funds due to fraud, employee error, misrepresentation by third parties, unanticipated market changes, or imprudent actions.
- B. The District shall review this policy at least annually and adopt a resolution confirming the continuance of the policy without amendment or adopt an amended investment policy.
- C. This investment policy adopted on _____ supersedes any prior policies adopted by the Board regarding investment or securitization of District funds.

CERTIFICATION

I hereby certify that I have received and thoroughly reviewed the investment policy of Red River Groundwater Conservation District ("District") and have implemented reasonable procedures and controls designed to preclude imprudent investment activities arising out of investment transactions conducted between this firm and the District. Transactions between this firm and the District will be directed towards protecting the District from credit or market risk.

All the sales personnel of this firm dealing with the District's account have been informed and will be routinely informed of the District's investment horizons, limitations, strategy and risk constraints, whenever we are so informed.

This firm pledges due diligence in informing the District through its duly appointed Investment Officer of foreseeable risks associated with financial transactions connected to this firm.

(Firm)

(Signature of Registered Principal)

(Name)

(Title)

(Date)

Notification Phone Nos. & Addresses of the District:

Board of Directors

Investment Officer

Red River Groundwater Conservation District
PO Box 1214
Sherman, Texas 75091
(800) 256-0935

???????????

ATTACHMENT 8



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 8

CONSIDER AND ACT UPON A RESOLUTION ESTABLISHING A WELL DRILLER REPORT DEPOSIT FEE

ISSUE

Submission of Well Driller Reports to the District.

BACKGROUND

The District will be dealing with well drillers in the future and the establishment of a deposit fee will result in better submission of Well Driller Reports, which will provide better records for the District. The amount of the fee needs to be determined by the Board. Per the District's Temporary Rules, the fee is refundable as long as the report is submitted within 60 days of completion of the well.

OPTIONS/ALTERNATIVES

The Board has many options with regard to establishment of fees. Amounts can be set at a level the Board feels will be helpful in collecting required information.

CONSIDERATIONS

The Board may want to consider allowing well drillers to utilize a credit system with the District, where the fee can be transferred from one application to another, after submission of a Well Driller Report. This could allow the processing of applications to be more efficient.

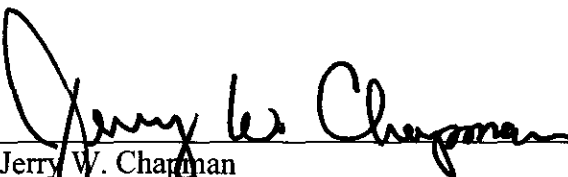
STAFF RECOMMENDATIONS

The staff recommends the Board consider establishing a Well Driller Report Deposit fee in an amount of \$100 to become effective July 1, 2012.

ATTACHMENTS

Draft Resolution

PREPARED AND SUBMITTED BY:



Jerry W. Chapman
General Manager

RESOLUTION NO. 2012-04-18-2

A RESOLUTION BY THE BOARD OF DIRECTORS OF THE RED RIVER GROUNDWATER
CONSERVATION DISTRICT RELATING TO A POLICY RELATING TO SUBMISSION OF WELL
DRILLER REPORTS

WHEREAS, the Red River Groundwater Conservation District ("District") has determined a need to encourage the submission of Well Driller Reports after the construction of a new well; and

WHEREAS, the Board has determined that a \$_____ Well Driller Report Deposit Fee should be charged when a well registration form is submitted to encourage these reports to be submitted to the District; and

WHEREAS, the Well Driller Report Deposit Fee shall be refundable upon submission of the Well Driller Report within 60 days after the completion of the well;

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE RED RIVER GROUNDWATER CONSERVATION DISTRICT that the Well Driller Report Deposit Fee in the amount of \$_____ becomes effective on _____, 2012.

Upon motion by _____ seconded by _____, the foregoing Resolution was passed and approved on this 18th day of April, 2012 by the following vote:

AYE:

NAY:

ABSTAIN:

At a meeting of the Board of Directors of the Red River Groundwater Conservation District.

President

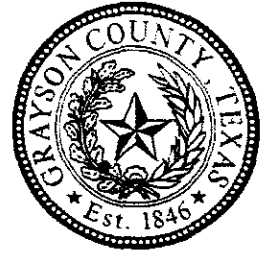
ATTEST:

Secretary-Treasurer

ATTACHMENT 9



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 9

RECEIVE AND DISCUSS GAM RUN 10-063 MAG FOR THE TRINITY AQUIFER

ISSUE

The Texas Water Development Board (TWDB) has recently released its most recent revisions to its Modeled Available Groundwater (MAG) Report 10-063 for the Trinity Aquifer. This updates the previous report and has changes in the numbers contained.

OPTIONS/ALTERNATIVES

1. The Board of Directors after reading and reviewing may consider making suggested additions, deletions or modifications to the report.
2. The Board may review the report and make no modifications or suggestions to the report.

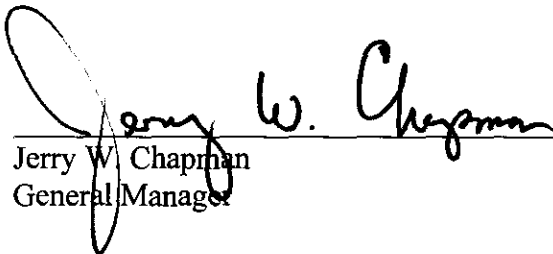
CONSIDERATIONS

Bill Hutchison, the District's consultant with LBG-Guyton Associates discussed this item with the staff. He recommended the Board remember this is Modeled Available Groundwater, not Managed Available Groundwater and that this information will be incorporated into the District's Management Plan.

ATTACHMENTS

GAM Run 10-063 MAG for the Trinity Aquifer

PREPARED AND SUBMITTED BY:



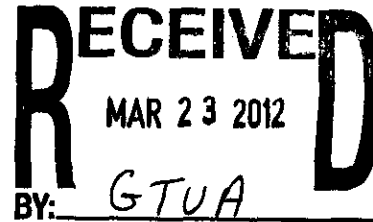
Jerry W. Chapman
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Texas Water Development Board

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Phone (512) 463-7847, Fax (512) 475-2053

March 20, 2012

Mr. Butch Henderson
President
Red River Groundwater Conservation District
5100 Airport Drive
Denison, TX 75020



Re: Modeled available groundwater estimates for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, and Trinity aquifers in Groundwater Management Area 8

Dear Mr. Henderson:

The Texas Water Code, Section 36.1084, Subsection (b), states that the Texas Water Development Board's (TWDB) Executive Administrator shall provide each groundwater conservation district and regional water planning group located wholly or partly in the groundwater management area with the modeled available groundwater in the management area based upon the desired future conditions adopted by the districts. This letter and the attached reports (GAM Run 11-011 MAG, GAM Run 10-063 MAG, GAM Run 10-065 MAG, GTA Aquifer Assessment 10-15 MAG, GTA Aquifer Assessment 10-16 MAG, GTA Aquifer Assessment 10-17 MAG, GTA Aquifer Assessment 10-18 MAG, and GTA Aquifer Assessment 10-19 MAG) are in response to this directive.

As noted in the letter received by the TWDB on September 1, 2011, from Eddy Daniel of the North Texas Groundwater Conservation District on behalf of Groundwater Management Area 8, desired future conditions were adopted for the Blossom, Brazos River Alluvium, Edwards (BFZ), Ellenburger-San Saba, Hickory, Marble Falls, Nacatoch, Trinity, and Woodbine aquifers on April 27, 2011. The desired future conditions for the Brazos River Alluvium, Nacatoch, and Woodbine aquifers were modified on June 23, 2011, as noted in the letters from Mr. Daniel received by TWDB on September 1, 2011. This mail out does not include GAM Run 10-064 MAG for the Woodbine Aquifer, which will be finalized at a later date.

Modeled available groundwater is defined in the Texas Water Code, Section 36.001, Subsection (25), as "the amount of water that the executive administrator determines may be produced on an average annual basis to achieve a desired future condition established under Section 36.108." This is different from "managed available groundwater," shown in the draft version of these reports (except GAM Run 11-011 MAG), which was a permitting value and accounted for the estimated use exempt from permitting. This change was made to reflect changes in statute by the 82nd Legislature, effective September 1, 2011. For use in the regional water planning process, modeled available groundwater estimates have been reported by aquifer, county, river basin, regional water planning area, groundwater conservation district, and any other subdivision of the aquifer designated by the management area (if applicable).

We encourage open communication and coordination between groundwater conservation districts, regional water planning groups, and the TWDB to ensure that the modeled available groundwater reported in regional water plans and groundwater management plans are not in conflict. We estimated modeled available groundwater that would have to occur to achieve the desired future condition using the best available scientific tools. However, these estimates are based on assumptions of the magnitude and distribution of projected pumping in the aquifer. It is,

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To provide leadership, planning, financial assistance, information, and education for the conservation and responsible development of water for Texas	:	Edward G. Vaughan, Chairman	Thomas Weir Labatt III, Member	Billy R. Bradford Jr., Member
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	:	Melanie Callahan, Executive Administrator		

Mr. Butch Henderson

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therefore, important for groundwater conservation districts to monitor whether their management of pumping is achieving their desired future conditions. Districts are encouraged to continue to work with the TWDB to better define available groundwater as additional information may help better assess responses of the aquifer to pumping and its distribution now and in the future.

If you have any questions, please contact Ms. Rima Petrossian of my staff at 512-936-2420 or rima.petrossian@twdb.texas.gov for further information.

Sincerely,



Melanie Callahan
Executive Administrator

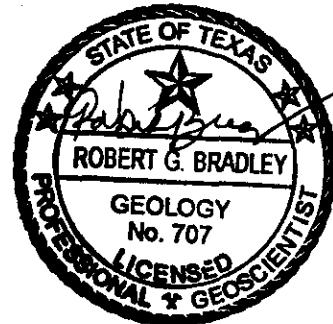
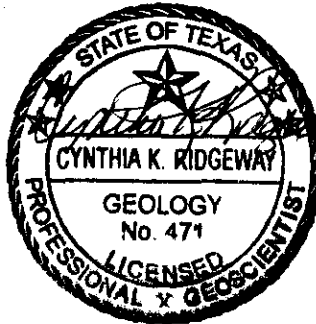
Attachments: GAM Run 11-011 MAG
 GAM Run 10-063 MAG
 GAM Run 10-065 MAG
 GTA Aquifer Assessment 10-15 MAG
 GTA Aquifer Assessment 10-16 MAG
 GTA Aquifer Assessment 10-17 MAG
 GTA Aquifer Assessment 10-18 MAG
 GTA Aquifer Assessment 10-19 MAG

c w/atts.: L'Oreal Stepney, Deputy Director, Office of Water, Texas Commission of Environmental Quality
 Kellye Rila, Texas Commission of Environmental Quality
 Kelly Mills, Texas Commission of Environmental Quality
 Kerry Maroney, Biggs & Mathews
 Tom Gooch, Freese & Nichols, Inc.
 Simone Kiel, Freese & Nichols, Inc.
 David Harkins, Epsey Consultants, Inc.
 David Dunn, HDR Engineering
 Jaime Burke, AECOM, Inc.
 Walt Sears Jr., North Texas Municipal Water District
 Phil Ford, Brazos River Authority
 James Kowis, Lower Colorado River Authority
 Jerry Clark, Sabine River Authority
 Nancy Rose, Sulphur River Basin Authority
 J. Kevin Ward, Trinity River Authority
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 Rima Petrossian, P.G., Groundwater Resources
 Robert Bradley, P.G., Groundwater Resources
 Dan Hardin, Water Resources Planning
 Matt Nelson, Water Resources Planning
 Temple McKinnon, Water Resources Planning
 Lann Bookout, Water Resources Planning
 Angela Kennedy, Water Resources Planning
 Doug Shaw, Water Resources Planning
 Wendy Barron, Water Resources Planning

GAM Run 10-063 MAG

by Mr. Wade Oliver and Mr. Robert G. Bradley, P.G.

Texas Water Development Board
Groundwater Availability Modeling Section
(512) 463-3132
December 14, 2011



Cynthia K. Ridgeway, the Manager of the Groundwater Availability Modeling Section and Interim Director of the Groundwater Resources Division, is responsible for oversight of work performed by employees under her direct supervision. The seal appearing on this document was authorized by Cynthia K. Ridgeway, P.G. 471 on December 14, 2011.

Robert G. Bradley, P.G. is responsible for the water budget approach for Comanche and Erath counties within Middle Trinity Groundwater Conservation District. The seal appearing on this document was authorized by Robert G. Bradley, P.G. 707 on December 14, 2011.

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EXECUTIVE SUMMARY:

In response to receiving the adopted desired future conditions for the Trinity Aquifer in Groundwater Management Area 8, the Texas Water Development Board completed Groundwater Availability Model (GAM) Run 08-84mag, which reported the “managed available groundwater” that achieves the adopted desired future conditions. Subsequent to the release of GAM Run 08-84mag, the Middle Trinity Groundwater Conservation District requested that the Texas Water Development Board reevaluate the “managed available groundwater” for Comanche and Erath counties. This resulted in the completion of Aquifer Assessment 09-07, which addressed these counties. In April 2011, the groundwater conservation districts in Groundwater Management Area 8 readopted the desired future conditions for the Trinity Aquifer previously adopted in September 2008.

This report, an update to GAM Run 08-84mag and Aquifer Assessment 09-07, incorporates the changes above and addresses the readopted desired future conditions. In addition, the pumping estimates previously reported as “managed available groundwater” in the above reports are reported here as “modeled available groundwater” to reflect changes in statute effective September 1, 2011. The modeled available groundwater for the Trinity Aquifer as a result of the desired future conditions adopted by the members of Groundwater Management Area 8 is approximately 261,000 acre-feet per year.

REQUESTOR:

Mr. Eddy Daniel of North Texas Groundwater Conservation District on behalf of Groundwater Management Area 8

DESCRIPTION OF REQUEST:

In a letter dated August 31, 2011, Mr. Eddy Daniel provided the Texas Water Development Board (TWDB) with the desired future conditions of the Trinity Aquifer adopted in a resolution, dated April 27, 2011, by the members of Groundwater Management Area 8. This resolution referenced the desired future conditions previously adopted for the aquifer on September 17, 2008 by the groundwater conservation districts within Groundwater Management Area 8. These are summarized in Table 1.

In response to receiving the initially adopted desired future conditions from September 2008, the Texas Water Development Board completed Groundwater Availability Model (GAM) Run 08-84mag, which reported the “managed available groundwater” that achieves the above desired future conditions (Wade, 2009). On June 12, 2009, the general manager and consultants for the Middle Trinity Groundwater Conservation District met with Texas Water Development Board staff to discuss issues they had concerning GAM Run 08-84mag. After discussion, staff reevaluated pumping estimates using a water-budget approach based on the desired future conditions for Comanche and Erath counties and released this analysis as Aquifer Assessment 09-07 on November 22, 2010 (Bradley, 2010). This report, an update to GAM Run 08-84mag and Aquifer Assessment 09-07, incorporates the two changes above. In addition, the pumping estimates previously reported as “managed available groundwater” in the above reports are

reported here as “modeled available groundwater” to reflect changes in statute effective September 1, 2011.

METHODS:

Groundwater Management Area 8 contains the Trinity Aquifer, a major aquifer in Texas as defined in the 2007 State Water Plan (TWDB, 2007). The location of Groundwater Management Area 8, the Trinity Aquifer, and the groundwater availability model cells that represent the aquifer are shown in Figure 1.

Modeled Available Groundwater and Permitting

As defined in Chapter 36 of the Texas Water Code, “modeled available groundwater” is the estimated average amount of water that may be produced annually to achieve a desired future condition. This is distinct from “managed available groundwater,” shown in the draft version of this report dated December 20, 2010, which was a permitting value and accounted for the estimated use of the aquifer exempt from permitting. This change was made to reflect changes in statute by the 82nd Texas Legislature, effective September 1, 2011.

Groundwater conservation districts are required to consider modeled available groundwater, along with several other factors, when issuing permits in order to manage groundwater production to achieve the desired future condition(s). The other factors districts must consider include annual precipitation and production patterns, the estimated amount of pumping exempt from permitting, existing permits, and a reasonable estimate of actual groundwater production under existing permits. The estimated amount of pumping exempt from permitting, which the Texas Water Development Board is now required to develop after soliciting input from applicable groundwater conservation districts, will be provided in a separate report.

PARAMETERS AND ASSUMPTIONS:

The groundwater availability model for the northern portion of the Trinity Aquifer was used for the results presented in this report outside of Comanche and Erath counties. In those counties, a water budget approach was used. The parameters and assumptions for developing the modeled available groundwater are described below:

Groundwater Availability Model for the Northern Portion of the Trinity Aquifer

- The results for modeled available groundwater presented here are based on the results reported as “managed available groundwater” in GAM Run 08-84mag (Wade, 2009) for all areas except Comanche and Erath counties. See GAM Run 08-84mag for a full description of the methods and assumptions associated with the model simulation. Because GAM Run 08-84mag presented constant pumping from 2000 to 2050, it was assumed for the purposes of this analysis that pumping from 2051 to 2060 was also constant at the same level. As summarized in Table 1, desired future conditions were defined by the groundwater conservation districts in Groundwater Management Area 8 for 2050. It is expected that pumping from 2051 to 2060 would cause additional

drawdown, but this analysis does not estimate drawdown in 2060. Pumping estimates for 2060 were important to include for purposes of regional water planning.

- Version 1.01 of the groundwater availability model for the northern portion of the Trinity Aquifer was used for this analysis. See Bené and others (2004) for assumptions and limitations of the model.
- The model includes seven layers which generally correspond to the Woodbine Aquifer (Layer 1), the Washita and Fredericksburg Groups (Layer 2), the Paluxy Formation (Layer 3), the Glen Rose Formation (Layer 4), the Hensell Formation (Layer 5), the Pearsall/Cow Creek/Hammett/Sligo Members (Layer 6), and the Hosston Formation (Layer 7).
- The mean absolute error (a measure of the difference between simulated and measured water levels during model calibration) for the four main aquifers in the model (Woodbine, Paluxy, Hensell, and Hosston) for the calibration and verification time periods (1980 to 2000) ranged from approximately 38 to 75 feet. The root mean squared error was less than ten percent of the maximum change in water levels across the model (Bené and others, 2004).
- Average annual recharge conditions based on climate data from 1980 to 1999 were assumed for the first 47 years of the simulation. The last three years of the simulation drought-of-record recharge conditions were assumed, which were defined as the years 1954 to 1956.
- Groundwater conservation district boundaries were updated since the release of GAM Run 08-84mag. The results presented here correspond to the official district boundaries as of the date of this report.

Water Budget Approach for Comanche and Erath Counties

- The modeled available groundwater presented for Comanche and Erath counties is based on Aquifer Assessment 09-07 (Bradley, 2010). See Aquifer Assessment 09-07 for a full description of the methods and assumptions associated with the water budget calculations.
- The Hensell and Hosston members were grouped as the Twin Mountains Formation in Aquifer Assessment 09-07. To be consistent with the desired future conditions, however, it was necessary to split the pumping in Aquifer Assessment 09-07 into the Hensell and Hosston members. In Comanche County, 10 percent of the pumping in the Twin Mountains Formation was assigned to the Hensell member while 90 percent was assigned to the Hosston. In Erath County, 35 percent of the pumping in Aquifer Assessment 09-07 was assigned to the Hensell with the remaining 65 percent assigned to the Hosston. These percentages were developed after a preliminary review of available pumping information and discussion with Joe Cooper of Middle Trinity Groundwater Conservation District.

RESULTS:

The modeled available groundwater for the Trinity Aquifer in Groundwater Management Area 8 as a result of the desired future conditions is approximately 261,000 acre-feet per year between 2010 and 2060. This pumping has been divided by county, regional water planning area, and river basin for each decade between 2010 and 2060 for use in the regional water planning process (Table 2). These areas are shown in Figure 2.

Since the desired future conditions are specified for individual units of the Trinity Aquifer (Paluxy, Glen Rose, Hensell, and Hosston) based on the layering used in the model, the modeled available groundwater is shown for each unit in the subsequent tables. Tables 3, 4, 5, and 6 show the modeled available groundwater summarized by county in the Paluxy, Glen Rose, Hensell, and Hosston units of the Trinity Aquifer, respectively. Tables 7, 8, 9, and 10 show the modeled available groundwater summarized by regional water planning area for the same units, respectively. Tables 11, 12, 13, and 14 show the modeled available groundwater summarized by river basin for each of the above units, respectively. The modeled available groundwater summarized by groundwater conservation district is shown for the Paluxy, Glen Rose, Hensell, and Hosston units in tables 15, 16, 17, and 18, respectively. Notice that the pumping is totaled both excluding and including areas outside of a groundwater conservation district.

LIMITATIONS:

The groundwater model used in developing estimates of modeled available groundwater is the best available scientific tool that can be used to estimate the pumping that will achieve the desired future conditions. Although the groundwater model used in this analysis is the best available scientific tool for this purpose, it, like all models, has limitations. In reviewing the use of models in environmental regulatory decision-making, the National Research Council (2007) noted:

“Models will always be constrained by computational limitations, assumptions, and knowledge gaps. They can best be viewed as tools to help inform decisions rather than as machines to generate truth or make decisions. Scientific advances will never make it possible to build a perfect model that accounts for every aspect of reality or to prove that a given model is correct in all respects for a particular regulatory application. These characteristics make evaluation of a regulatory model more complex than solely a comparison of measurement data with model results.”

A key aspect of using the groundwater model to develop estimates of modeled available groundwater is the need to make assumptions about the location in the aquifer where future pumping will occur. As actual pumping changes in the future, it will be necessary to evaluate the amount of that pumping as well as its location in the context of the assumptions associated with this analysis. Evaluating the amount and location of future pumping is as important as evaluating the changes in groundwater levels, spring flows, and other metrics that describe the condition of the groundwater resources in the area that relate to the adopted desired future condition(s).

Given these limitations, users of this information are cautioned that the modeled available groundwater numbers should not be considered a definitive, permanent description of the amount

of groundwater that can be pumped to meet the adopted desired future condition. Because the application of the groundwater model was designed to address regional scale questions, the results are most effective on a regional scale. The TWDB makes no warranties or representations relating to the actual conditions of any aquifer at a particular location or at a particular time.

It is important for groundwater conservation districts to monitor future groundwater pumping as well as whether or not they are achieving their desired future conditions. Because of the limitations of the model and the assumptions in this analysis, it is important that the groundwater conservation districts work with the TWDB to refine the modeled available groundwater numbers given the reality of how the aquifer responds to the actual amount and location of pumping now and in the future.

REFERENCES:

- Bené, J., Harden, B., O'Rourke, D., Donnelly, A., and Yelderman, J., 2004, Northern Trinity/Woodbine Groundwater Availability Model: contract report to the Texas Water Development Board by R.W. Harden and Associates, 391 p.
- Bradley, R.G., 2010, GTA Aquifer Assessment 09-07: Texas Water Development Board, GTA Aquifer Assessment 09-07 Report, 19 p.
- National Research Council, 2007, Models in Environmental Regulatory Decision Making. Committee on Models in the Regulatory Decision Process, National Academies Press, Washington D.C., 287 p.
- Texas Water Development Board, 2007, Water for Texas – 2007—Volumes I-III; Texas Water Development Board Document No. GP-8-1, 392 p.
- Wade, S., 2009, GAM Run 08-84mag, Texas Water Development Board GAM Run 08-84mag Report, 37 p.

Table 1. Desired future conditions (in feet of drawdown) for each unit of the Trinity Aquifer adopted by members of Groundwater Management Area 8.

County	Average water level decrease (feet)			
	Paluxy	Glen Rose	Hensell	Hosston
Bell	134	155	286	319
Bosque	26	33	201	220
Brown	0	0	1	1
Burnet	1	1	11	29
Callahan	n/a	n/a	0	2
Collin	298	247	224	236
Comanche	0	0	2	11
Cooke	26	42	60	78
Coryell	15	15	156	179
Dallas	240	224	263	290
Delta	175	162	162	159
Denton	98	134	180	214
Eastland	0	0	0	0
Ellis	265	283	336	362
Erath	1	1	11	27
Falls	279	354	459	480
Fannin	212	196	182	181
Grayson	175	161	160	165
Hamilton	0	2	39	51
Hill	209	253	381	406
Hood	1	2	16	56
Hunt	286	245	215	223
Johnson	37	83	208	234
Kaufman	303	286	295	312
Lamar	132	130	136	134
Lampasas	0	1	12	23
Limestone	328	392	475	492
McLennan	251	291	489	527
Milam	252	294	337	344
Mills	0	0	3	12
Montague	0	1	3	12
Navarro	344	353	399	413
Parker	5	6	16	40
Red River	82	77	78	78
Rockwall	346	272	248	265
Somervell	1	4	53	113
Tarrant	33	75	160	173
Taylor	n/a	n/a	n/a	3
Travis	124	61	98	116
Williamson	108	88	142	166
Wise	4	14	23	53

Table 2. Modeled available groundwater in acre-feet for the Trinity Aquifer in Groundwater Management Area 8 by county, regional water planning area, and river basin.

County	Regional Water Planning Area	Basin	Year					
			2010	2020	2030	2040	2050	2060
Bell	G	Brazos	7,068	7,068	7,068	7,068	7,068	7,068
Bosque	G	Brazos	5,849	5,849	5,849	5,849	5,849	5,849
Brown	F	Brazos	28	28	28	28	28	28
		Colorado	2,017	2,017	2,017	2,017	2,017	2,017
Burnet	K	Brazos	2,723	2,723	2,723	2,723	2,723	2,723
		Colorado	823	823	823	823	823	823
Callahan	G	Brazos	1,792	1,792	1,792	1,792	1,792	1,792
		Colorado	1,985	1,985	1,985	1,985	1,985	1,985
Collin	C	Sabine	0	0	0	0	0	0
		Trinity	2,104	2,104	2,104	2,104	2,104	2,104
Comanche	G	Brazos	32,115	32,115	32,115	32,115	32,115	32,115
		Colorado	120	120	120	120	120	120
Cooke	C	Red	1,284	1,284	1,284	1,284	1,284	1,284
		Trinity	5,566	5,566	5,566	5,566	5,566	5,566
Coryell	G	Brazos	3,716	3,716	3,716	3,716	3,716	3,716
Dallas	C	Trinity	5,458	5,458	5,458	5,458	5,458	5,458
Delta	D	Sulphur	362	362	362	362	362	362
Denton	C	Trinity	19,333	19,333	19,333	19,333	19,333	19,333
Eastland	G	Brazos	4,489	4,489	4,489	4,489	4,489	4,489
		Colorado	231	231	231	231	231	231
Ellis	C	Trinity	3,959	3,959	3,959	3,959	3,959	3,959
Erath	G	Brazos	32,926	32,926	32,926	32,926	32,926	32,926
Falls	G	Brazos	169	169	169	169	169	169
		Red	617	617	617	617	617	617
		Sulphur	0	0	0	0	0	0
Fannin	C	Trinity	83	83	83	83	83	83
		Sulphur	0	0	0	0	0	0
Franklin	D	Sulphur	0	0	0	0	0	0
Grayson	C	Red	7,722	7,722	7,722	7,722	7,722	7,722
		Trinity	1,678	1,678	1,678	1,678	1,678	1,678
Hamilton	G	Brazos	2,144	2,144	2,144	2,144	2,144	2,144
Hill	G	Brazos	3,086	3,086	3,086	3,086	3,086	3,086
		Trinity	61	61	61	61	61	61
Hood	G	Brazos	11,081	11,081	11,081	11,081	11,081	11,081
		Trinity	64	64	64	64	64	64
Hunt	D	Sabine	0	0	0	0	0	0
		Sulphur	0	0	0	0	0	0
		Trinity	551	551	551	551	551	551
Johnson	G	Brazos	4,940	4,940	4,940	4,940	4,940	4,940
		Trinity	7,931	7,931	7,931	7,931	7,931	7,931
Kaufman	C	Sabine	45	45	45	45	45	45
		Trinity	1,136	1,136	1,136	1,136	1,136	1,136

Table.2. Continued.

County	Regional Water Planning Area	Basin	Year					
			2010	2020	2030	2040	2050	2060
Lamar	D	Red	1,320	1,320	1,320	1,320	1,320	1,320
		Sulphur	2	2	2	2	2	2
Lampasas	G	Brazos	2,925	2,925	2,925	2,925	2,925	2,925
		Colorado	192	192	192	192	192	192
Limestone	G	Brazos	69	69	69	69	69	69
		Trinity	0	0	0	0	0	0
McLennan	G	Brazos	20,690	20,690	20,690	20,690	20,690	20,690
Milam	G	Brazos	288	288	288	288	288	288
Mills	K	Brazos	1,273	1,273	1,273	1,273	1,273	1,273
		Colorado	1,128	1,128	1,128	1,128	1,128	1,128
Montague	B	Brazos	0	0	0	0	0	0
		Red	129	129	129	129	129	129
		Trinity	2,545	2,545	2,545	2,545	2,545	2,545
Navarro	C	Trinity	1,873	1,873	1,873	1,873	1,873	1,873
Parker	C	Brazos	2,799	2,799	2,799	2,799	2,799	2,799
		Trinity	12,449	12,449	12,449	12,449	12,449	12,449
Red River	D	Red	263	263	263	263	263	263
		Sulphur	267	267	267	267	267	267
Rockwall	C	Sabine	0	0	0	0	0	0
		Trinity	958	958	958	958	958	958
Somervell	G	Brazos	2,485	2,485	2,485	2,485	2,485	2,485
Tarrant	C	Trinity	18,747	18,747	18,747	18,747	18,747	18,747
Taylor	G	Brazos	153	153	153	153	153	153
		Colorado	278	278	278	278	278	278
Travis	K	Brazos	8	8	8	8	8	8
		Colorado	3,882	3,882	3,882	3,882	3,882	3,882
Williamson	G	Brazos	1,514	1,514	1,514	1,514	1,514	1,514
		Colorado	68	68	68	68	68	68
	K	Brazos	157	157	157	157	157	157
		Colorado	61	61	61	61	61	61
Wise	C	Trinity	9,282	9,282	9,282	9,282	9,282	9,282
Total			261,061	261,061	261,061	261,061	261,061	261,061

Table 3. Modeled available groundwater for the Paluxy unit of the Trinity Aquifer summarized by county in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

County	Year					
	2010	2020	2030	2040	2050	2060
Bell	96	96	96	96	96	96
Bosque	1,013	1,013	1,013	1,013	1,013	1,013
Brown	18	18	18	18	18	18
Burnet	182	182	182	182	182	182
Collin	1,762	1,762	1,762	1,762	1,762	1,762
Comanche	2,292	2,292	2,292	2,292	2,292	2,292
Cooke	3,528	3,528	3,528	3,528	3,528	3,528
Coryell	254	254	254	254	254	254
Dallas	433	433	433	433	433	433
Delta	0	0	0	0	0	0
Denton	9,822	9,822	9,822	9,822	9,822	9,822
Eastland	4	4	4	4	4	4
Ellis	400	400	400	400	400	400
Erath	13,614	13,614	13,614	13,614	13,614	13,614
Falls	0	0	0	0	0	0
Fannin	288	288	288	288	288	288
Grayson	4,708	4,708	4,708	4,708	4,708	4,708
Hamilton	291	291	291	291	291	291
Hill	1,254	1,254	1,254	1,254	1,254	1,254
Hood	942	942	942	942	942	942
Hunt	551	551	551	551	551	551
Johnson	9,493	9,493	9,493	9,493	9,493	9,493
Kaufman	102	102	102	102	102	102
Lamar	0	0	0	0	0	0
Lampasas	13	13	13	13	13	13
Limestone	0	0	0	0	0	0
McLennan	231	231	231	231	231	231
Milam	0	0	0	0	0	0
Mills	5	5	5	5	5	5
Montague	505	505	505	505	505	505
Navarro	413	413	413	413	413	413
Parker	9,800	9,800	9,800	9,800	9,800	9,800
Red River	473	473	473	473	473	473
Rockwall	958	958	958	958	958	958
Somervell	120	120	120	120	120	120
Tarrant	10,544	10,544	10,544	10,544	10,544	10,544
Travis	3	3	3	3	3	3
Williamson	11	11	11	11	11	11
Wise	2,559	2,559	2,559	2,559	2,559	2,559
Total	76,682	76,682	76,682	76,682	76,682	76,682

Table 4. Modeled available groundwater for the Glen Rose unit of the Trinity Aquifer summarized by county in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

County	Year					
	2010	2020	2030	2040	2050	2060
Bell	880	880	880	880	880	880
Bosque	258	258	258	258	258	258
Brown	0	0	0	0	0	0
Burnet	205	205	205	205	205	205
Collin	0	0	0	0	0	0
Cornache	0	0	0	0	0	0
Cooke	0	0	0	0	0	0
Coryell	784	784	784	784	784	784
Dallas	0	0	0	0	0	0
Delta	0	0	0	0	0	0
Denton	0	0	0	0	0	0
Eastland	0	0	0	0	0	0
Ellis	0	0	0	0	0	0
Erath	41	41	41	41	41	41
Falls	2	2	2	2	2	2
Fannin	0	0	0	0	0	0
Franklin	0	0	0	0	0	0
Grayson	0	0	0	0	0	0
Hamilton	46	46	46	46	46	46
Hill	10	10	10	10	10	10
Hood	4	4	4	4	4	4
Hunt	0	0	0	0	0	0
Johnson	24	24	24	24	24	24
Kaufman	0	0	0	0	0	0
Lamar	0	0	0	0	0	0
Lampasas	773	773	773	773	773	773
Limestone	4	4	4	4	4	4
McLennan	265	265	265	265	265	265
Milam	149	149	149	149	149	149
Mills	66	66	66	66	66	66
Montague	0	0	0	0	0	0
Navarro	0	0	0	0	0	0
Parker	192	192	192	192	192	192
Red River	0	0	0	0	0	0
Rockwall	0	0	0	0	0	0
Somervell	134	134	134	134	134	134
Tarrant	112	112	112	112	112	112
Travis	2,612	2,612	2,612	2,612	2,612	2,612
Williamson	760	760	760	760	760	760
Wise	5	5	5	5	5	5
Total	7,326	7,326	7,326	7,326	7,326	7,326

Table 5. Modeled available groundwater for the Hensell unit of the Trinity Aquifer summarized by county in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

County	Year					
	2010	2020	2030	2040	2050	2060
Bell	1,099	1,099	1,099	1,099	1,099	1,099
Bosque	1,749	1,749	1,749	1,749	1,749	1,749
Brown	79	79	79	79	79	79
Burnet	690	690	690	690	690	690
Callahan	123	123	123	123	123	123
Collin	103	103	103	103	103	103
Comanche	2,995	2,995	2,995	2,995	2,995	2,995
Cooke	1,611	1,611	1,611	1,611	1,611	1,611
Coryell	1,765	1,765	1,765	1,765	1,765	1,765
Dallas	1,121	1,121	1,121	1,121	1,121	1,121
Delta	181	181	181	181	181	181
Denton	3,112	3,112	3,112	3,112	3,112	3,112
Eastland	79	79	79	79	79	79
Ellis	1,142	1,142	1,142	1,142	1,142	1,142
Erath	6,745	6,745	6,745	6,745	6,745	6,745
Falls	22	22	22	22	22	22
Fannin	203	203	203	203	203	203
Grayson	2,345	2,345	2,345	2,345	2,345	2,345
Hamilton	1,109	1,109	1,109	1,109	1,109	1,109
Hill	933	933	933	933	933	933
Hood	3,595	3,595	3,595	3,595	3,595	3,595
Hunt	0	0	0	0	0	0
Johnson	1,065	1,065	1,065	1,065	1,065	1,065
Kaufman	240	240	240	240	240	240
Lamar	661	661	661	661	661	661
Lampasas	885	885	885	885	885	885
Limestone	15	15	15	15	15	15
McLennan	4,190	4,190	4,190	4,190	4,190	4,190
Milam	36	36	36	36	36	36
Mills	946	946	946	946	946	946
Montague	362	362	362	362	362	362
Navarro	256	256	256	256	256	256
Parker	1,441	1,441	1,441	1,441	1,441	1,441
Red River	19	19	19	19	19	19
Rockwall	0	0	0	0	0	0
Somervell	741	741	741	741	741	741
Tarrant	2,535	2,535	2,535	2,535	2,535	2,535
Travis	156	156	156	156	156	156
Williamson	415	415	415	415	415	415
Wise	1,480	1,480	1,480	1,480	1,480	1,480
Total	46,244	46,244	46,244	46,244	46,244	46,244

Table 6. Modeled available groundwater for the Hosston unit of the Trinity Aquifer summarized by county in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

County	Year					
	2010	2020	2030	2040	2050	2060
Bell	4,993	4,993	4,993	4,993	4,993	4,993
Bosque	2,829	2,829	2,829	2,829	2,829	2,829
Brown	1,948	1,948	1,948	1,948	1,948	1,948
Burnet	2,469	2,469	2,469	2,469	2,469	2,469
Callahan	3,654	3,654	3,654	3,654	3,654	3,654
Collin	239	239	239	239	239	239
Comanche	26,948	26,948	26,948	26,948	26,948	26,948
Cooke	1,711	1,711	1,711	1,711	1,711	1,711
Coryell	913	913	913	913	913	913
Dallas	3,904	3,904	3,904	3,904	3,904	3,904
Delta	181	181	181	181	181	181
Denton	6,399	6,399	6,399	6,399	6,399	6,399
Eastland	4,637	4,637	4,637	4,637	4,637	4,637
Ellis	2,417	2,417	2,417	2,417	2,417	2,417
Erath	12,526	12,526	12,526	12,526	12,526	12,526
Falls	145	145	145	145	145	145
Fannin	209	209	209	209	209	209
Franklin	0	0	0	0	0	0
Grayson	2,347	2,347	2,347	2,347	2,347	2,347
Hamilton	698	698	698	698	698	698
Hill	950	950	950	950	950	950
Hood	6,604	6,604	6,604	6,604	6,604	6,604
Hunt	0	0	0	0	0	0
Johnson	2,289	2,289	2,289	2,289	2,289	2,289
Kaufman	839	839	839	839	839	839
Lamar	661	661	661	661	661	661
Lampasas	1,446	1,446	1,446	1,446	1,446	1,446
Limestone	50	50	50	50	50	50
McLennan	16,004	16,004	16,004	16,004	16,004	16,004
Milam	103	103	103	103	103	103
Mills	1,384	1,384	1,384	1,384	1,384	1,384
Montague	1,807	1,807	1,807	1,807	1,807	1,807
Navarro	1,204	1,204	1,204	1,204	1,204	1,204
Parker	3,815	3,815	3,815	3,815	3,815	3,815
Red River	38	38	38	38	38	38
Rockwall	0	0	0	0	0	0
Somervell	1,490	1,490	1,490	1,490	1,490	1,490
Tarrant	5,556	5,556	5,556	5,556	5,556	5,556
Taylor	431	431	431	431	431	431
Travis	1,119	1,119	1,119	1,119	1,119	1,119
Williamson	614	614	614	614	614	614
Wise	5,238	5,238	5,238	5,238	5,238	5,238
Total	130,809	130,809	130,809	130,809	130,809	130,809

Table 7. Modeled available groundwater for the Paluxy unit of the Trinity Aquifer summarized by regional water planning area in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

Regional Water Planning Area	Year					
	2010	2020	2030	2040	2050	2060
B	505	505	505	505	505	505
C	45,317	45,317	45,317	45,317	45,317	45,317
D	1,024	1,024	1,024	1,024	1,024	1,024
F	18	18	18	18	18	18
G	29,628	29,628	29,628	29,628	29,628	29,628
K	190	190	190	190	190	190
Total	76,682	76,682	76,682	76,682	76,682	76,682

Table 8. Modeled available groundwater for the Glen Rose unit of the Trinity Aquifer summarized by regional water planning area in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

Regional Water Planning Area	Year					
	2010	2020	2030	2040	2050	2060
B	0	0	0	0	0	0
C	309	309	309	309	309	309
D	0	0	0	0	0	0
F	0	0	0	0	0	0
G	4,016	4,016	4,016	4,016	4,016	4,016
K	3,001	3,001	3,001	3,001	3,001	3,001
Total	7,326	7,326	7,326	7,326	7,326	7,326

Table 9. Modeled available groundwater for the Hensell unit of the Trinity Aquifer summarized by regional water planning area in Groundwater Management Area 12 for each decade between 2010 and 2060. Results are in acre-feet per year.

Regional Water Planning Area	Year					
	2010	2020	2030	2040	2050	2060
B	362	362	362	362	362	362
C	15,589	15,589	15,589	15,589	15,589	15,589
D	861	861	861	861	861	861
F	79	79	79	79	79	79
G	27,514	27,514	27,514	27,514	27,514	27,514
K	1,839	1,839	1,839	1,839	1,839	1,839
Total	46,244	46,244	46,244	46,244	46,244	46,244

Table 10. Modeled available groundwater for the Hosston unit of the Trinity Aquifer summarized by regional water planning area in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

Regional Water Planning Area	Year					
	2010	2020	2030	2040	2050	2060
B	1,807	1,807	1,807	1,807	1,807	1,807
C	33,878	33,878	33,878	33,878	33,878	33,878
D	880	880	880	880	880	880
F	1,948	1,948	1,948	1,948	1,948	1,948
G	87,271	87,271	87,271	87,271	87,271	87,271
K	5,025	5,025	5,025	5,025	5,025	5,025
Total	130,809	130,809	130,809	130,809	130,809	130,809

Table 11. Modeled available groundwater for the Paluxy unit of the Trinity Aquifer summarized by river basin in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

River Basin	Year					
	2010	2020	2030	2040	2050	2060
Brazos	23,223	23,223	23,223	23,223	23,223	23,223
Colorado	193	193	193	193	193	193
Red	4,943	4,943	4,943	4,943	4,943	4,943
Sabine	4	4	4	4	4	4
Sulphur	267	267	267	267	267	267
Trinity	48,052	48,052	48,052	48,052	48,052	48,052
Total	76,682	76,682	76,682	76,682	76,682	76,682

Table 12. Modeled available groundwater for the Glen Rose unit of the Trinity Aquifer summarized by river basin in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

River Basin	Year					
	2010	2020	2030	2040	2050	2060
Brazos	4,263	4,263	4,263	4,263	4,263	4,263
Colorado	2,753	2,753	2,753	2,753	2,753	2,753
Red	0	0	0	0	0	0
Sabine	0	0	0	0	0	0
Sulphur	0	0	0	0	0	0
Trinity	310	310	310	310	310	310
Total	7,326	7,326	7,326	7,326	7,326	7,326

Table 13. Modeled available groundwater for the Hensell unit of the Trinity Aquifer summarized by river basin in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

River Basin	Year					
	2010	2020	2030	2040	2050	2060
Brazos	29,030	29,030	29,030	29,030	29,030	29,030
Colorado	585	585	585	585	585	585
Red	3,129	3,129	3,129	3,129	3,129	3,129
Sabine	9	9	9	9	9	9
Sulphur	182	182	182	182	182	182
Trinity	13,309	13,309	13,309	13,309	13,309	13,309
Total	46,244	46,244	46,244	46,244	46,244	46,244

Table 14. Modeled available groundwater for the Hosston unit of the Trinity Aquifer summarized by river basin in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year.

River Basin	Year					
	2010	2020	2030	2040	2050	2060
Brazos	87,971	87,971	87,971	87,971	87,971	87,971
Colorado	7,254	7,254	7,254	7,254	7,254	7,254
Red	3,263	3,263	3,263	3,263	3,263	3,263
Sabine	32	32	32	32	32	32
Sulphur	182	182	182	182	182	182
Trinity	32,107	32,107	32,107	32,107	32,107	32,107
Total	130,809	130,809	130,809	130,809	130,809	130,809

Table 15. Modeled available groundwater for the Paluxy unit of the Trinity Aquifer summarized by groundwater conservation district (GCD) in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year. UWCD refers to Underground Water Conservation District. WD refers to Water District.

Groundwater Conservation District	Year					
	2010	2020	2030	2040	2050	2060
Central Texas GCD	182	182	182	182	182	182
Clearwater UWCD	96	96	96	96	96	96
Fox Crossing WD	5	5	5	5	5	5
Middle Trinity GCD	17,173	17,173	17,173	17,173	17,173	17,173
North Texas GCD	15,112	15,112	15,112	15,112	15,112	15,112
Northern Trinity GCD	10,544	10,544	10,544	10,544	10,544	10,544
Post Oak Savannah GCD	0	0	0	0	0	0
Prairielands GCD	11,267	11,267	11,267	11,267	11,267	11,267
Red River GCD	4,996	4,996	4,996	4,996	4,996	4,996
Saratoga UWCD	13	13	13	13	13	13
Southern Trinity GCD	231	231	231	231	231	231
Upper Trinity GCD	13,806	13,806	13,806	13,806	13,806	13,806
Total (excluding non-district areas)	73,425	73,425	73,425	73,425	73,425	73,425
No District	3,257	3,257	3,257	3,257	3,257	3,257
Total (including non-district areas)	76,682	76,682	76,682	76,682	76,682	76,682

Table 16. Modeled available groundwater for the Glen Rose unit of the Trinity Aquifer summarized by groundwater conservation district (GCD) in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year. UWCD refers to Underground Water Conservation District. WD refers to Water District.

Groundwater Conservation District	Year					
	2010	2020	2030	2040	2050	2060
Central Texas GCD	205	205	205	205	205	205
Clearwater UWCD	880	880	880	880	880	880
Fox Crossing WD	66	66	66	66	66	66
Middle Trinity GCD	1,083	1,083	1,083	1,083	1,083	1,083
North Texas GCD	0	0	0	0	0	0
Northern Trinity GCD	112	112	112	112	112	112
Post Oak Savannah GCD	149	149	149	149	149	149
Prairielands GCD	168	168	168	168	168	168
Red River GCD	0	0	0	0	0	0
Saratoga UWCD	773	773	773	773	773	773
Southern Trinity GCD	265	265	265	265	265	265
Upper Trinity GCD	201	201	201	201	201	201
Total (excluding non-district areas)	3,902	3,902	3,902	3,902	3,902	3,902
No District	3,424	3,424	3,424	3,424	3,424	3,424
Total (including non-district areas)	7,326	7,326	7,326	7,326	7,326	7,326

Table 17. Modeled available groundwater for the Hensell unit of the Trinity Aquifer summarized by groundwater conservation district (GCD) in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year. UWCD refers to Underground Water Conservation District. WD refers to Water District.

Groundwater Conservation District	Year					
	2010	2020	2030	2040	2050	2060
Central Texas GCD	690	690	690	690	690	690
Clearwater UWCD	1,099	1,099	1,099	1,099	1,099	1,099
Fox Crossing WD	946	946	946	946	946	946
Middle Trinity GCD	13,254	13,254	13,254	13,254	13,254	13,254
North Texas GCD	4,826	4,826	4,826	4,826	4,826	4,826
Northern Trinity GCD	2,535	2,535	2,535	2,535	2,535	2,535
Post Oak Savannah GCD	36	36	36	36	36	36
Prairielands GCD	3,881	3,881	3,881	3,881	3,881	3,881
Red River GCD	2,548	2,548	2,548	2,548	2,548	2,548
Saratoga UWCD	885	885	885	885	885	885
Southern Trinity GCD	4,190	4,190	4,190	4,190	4,190	4,190
Upper Trinity GCD	6,878	6,878	6,878	6,878	6,878	6,878
Total (excluding non-district areas)	41,768	41,768	41,768	41,768	41,768	41,768
No District	4,476	4,476	4,476	4,476	4,476	4,476
Total (including non-district areas)	46,244	46,244	46,244	46,244	46,244	46,244

Table 18. Modeled available groundwater for the Hosston unit of the Trinity Aquifer summarized by groundwater conservation district (GCD) in Groundwater Management Area 8 for each decade between 2010 and 2060. Results are in acre-feet per year. UWCD refers to Underground Water Conservation District. WD refers to Water District.

Groundwater Conservation District	Year					
	2010	2020	2030	2040	2050	2060
Central Texas GCD	2,469	2,469	2,469	2,469	2,469	2,469
Clearwater UWCD	4,993	4,993	4,993	4,993	4,993	4,993
Fox Crossing WD	1,384	1,384	1,384	1,384	1,384	1,384
Middle Trinity GCD	43,216	43,216	43,216	43,216	43,216	43,216
North Texas GCD	8,349	8,349	8,349	8,349	8,349	8,349
Northern Trinity GCD	5,556	5,556	5,556	5,556	5,556	5,556
Post Oak Savannah GCD	103	103	103	103	103	103
Prairielands GCD	7,146	7,146	7,146	7,146	7,146	7,146
Red River GCD	2,556	2,556	2,556	2,556	2,556	2,556
Saratoga UWCD	1,446	1,446	1,446	1,446	1,446	1,446
Southern Trinity GCD	16,004	16,004	16,004	16,004	16,004	16,004
Upper Trinity GCD	17,464	17,464	17,464	17,464	17,464	17,464
Total (excluding non-district areas)	110,686	110,686	110,686	110,686	110,686	110,686
No District	20,123	20,123	20,123	20,123	20,123	20,123
Total (including non-district areas)	130,809	130,809	130,809	130,809	130,809	130,809

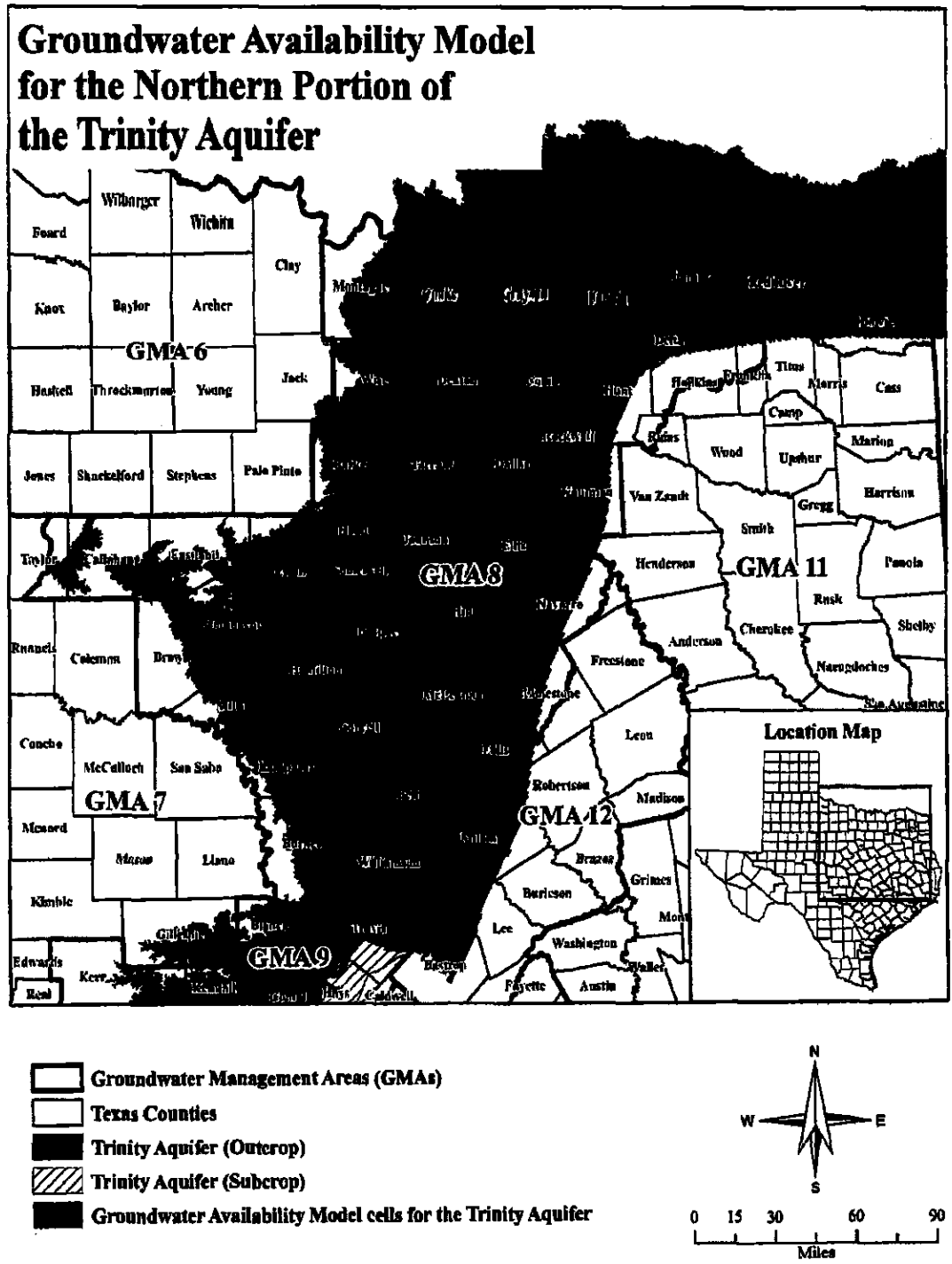


Figure 1. Map showing the areas of the groundwater availability model representing the northern portion of the Trinity Aquifer and the boundary of Groundwater Management Area 8.

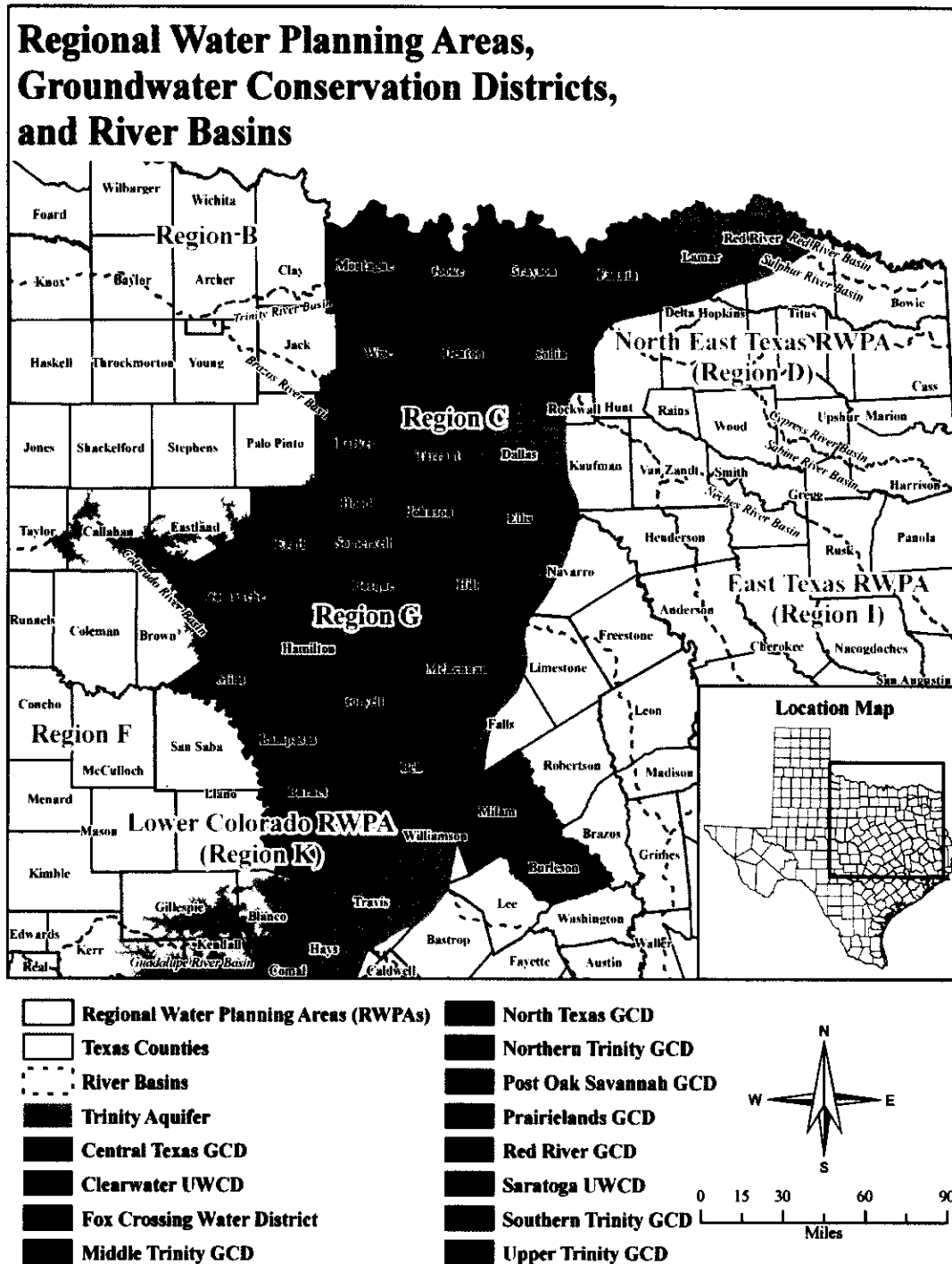
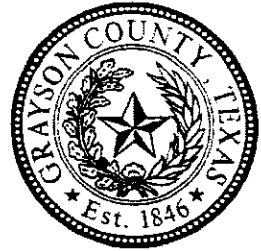


Figure 2. Map showing regional water planning areas (RWPAs), groundwater conservation districts (GCDs), counties, and river basins in and neighboring Groundwater Management Area 8.

ATTACHMENT 10



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 10

CONSIDER AND ACT UPON ENGAGEMENT OF TECHNICAL CONSULTING SERVICES BY LEGAL COUNSEL TO REVIEW INJECTION WELL APPLICATIONS IN THE DISTRICT

ISSUE

Injection well applications within the District boundaries need to be reviewed to determine if they will negatively impact the groundwater in the District.

BACKGROUND

Recently, a notice was published in the Herald Democrat advising of a proposed fluid injection well near Sadler, Texas by the Texas Railroad Commission. This type of fluid injection well application has become more frequent in the past few years as a result of the oil and gas exploration activities taking place.

OPTIONS/ALTERNATIVES

Fluid injection wells constitute a potential for groundwater contamination, which may be important for the Board to follow closely.

CONSIDERATIONS

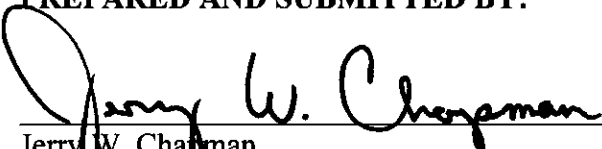
It is recognized that the primary role for enforcement for oil and gas activities rest with the Railroad Commission. However, groundwater conservation districts have a statutory responsibility to minimize groundwater contamination, which can be caused by inappropriate operations of fluid injection wells.

The Board may want to consider authorizing legal counsel to engage the technical consulting services of a firm to review the fluid injection well applications and offer comments on wells inside the District that may not meet groundwater protection standards. The North Texas GCD has already authorized legal counsel to enter into an agreement with a consultant to review applications of wells that appear to be less than adequate to meet groundwater protection standards. This procedure has worked well to date and the cost is minimal.

STAFF RECOMMENDATIONS

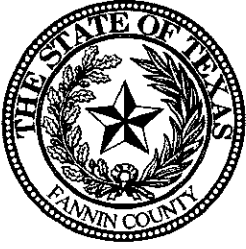
The staff recommends the Board consider developing procedures to minimize groundwater contamination by injection wells.

PREPARED AND SUBMITTED BY:

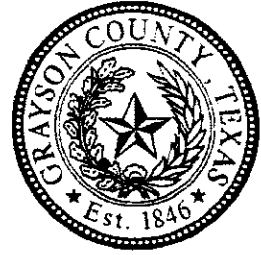


Jerry W. Chapman
General Manager

ATTACHMENT 11



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 11

ESTABLISH BUDGET COMMITTEE AND DISCUSS 2013 BUDGET

ISSUE

Budget preparation for 2013

BACKGROUND

The Board of Directors is required to set a rate and submit a budget to groundwater producers that will be impacted by fees by November 1st of each year. The District met its responsibilities in 2011 by providing this information by late October. Some groundwater producers have indicated they would have preferred to have more time to incorporate the fees into their budgets, which begin on October 1st.

OPTIONS/ALTERNATIVES

While the Board is not required to begin budget planning this early in the year, if possible groundwater producers would prefer the planning start earlier so that rates can be established and submitted to the public no later than October 1st. This would aid the groundwater producers with incorporating the proper amount of fees into their budgets for the next fiscal year.

STAFF RECOMMENDATIONS

The staff recommends the Board consider establishing a budget committee to begin developing a budget for next year's operations in order to enable the Board to provide the rates to the groundwater producers in Fannin and Grayson Counties in late September to enable better budgeting for production fees.

PREPARED AND SUBMITTED BY:

A handwritten signature in cursive script that reads "Jerry W. Chapman". The signature is written in black ink and is positioned above a horizontal line.

Jerry W. Chapman
General Manager

ATTACHMENT 12



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: APRIL 11, 2012

SUBJECT: AGENDA ITEM NO. 12

RECEIVE UPDATE ON MANAGEMENT PLAN AND SCHEDULE PUBLIC HEARING

ISSUE

Update on the Management Plan for the Red River GCD and scheduling a public hearing for approval of the Plan.

BACKGROUND

In January 2012, the Board authorized the contract with LBG-Guyton Associates for assistance in developing a Management Plan to meet the statutory requirements that the District adopt a Plan within 36 months of creation. The Board approved a draft in March 2012 to be submitted to the Texas Water Development Board (TWDB) for a pre-review. The TWDB has finished the pre-review of the District's Management Plan and their recommended corrections have been made. The Board can now schedule a public hearing to receive public comment and proceed with approving the Management Plan for submission to the TWDB for final approval.

CONSIDERATIONS

Notices must be posted 20 days in advance of the meeting so that adequate time can be provided to the public for review of the Management Plan.

STAFF RECOMMENDATIONS

The staff recommends the Board determine when they would like to hold a public hearing in May for approval of the Management Plan.

ATTACHMENTS

TWDB Pre-Review

PREPARED AND SUBMITTED BY:

A handwritten signature in black ink that reads "Jerry W. Chapman". The signature is written over a horizontal line.

Jerry W. Chapman
General Manager

Red River GCD Management Plan
Pre-review # 1 Recommendation Report
March 28, 2012 (SA, DT, SB)

Required Changes for Approval

Disclaimer: The items listed under the “Required Changes” section are provided by the Texas Water Development Board (TWDB) to groundwater conservation district (District) personnel in order to address deficiencies in the required groundwater management plan elements as listed in TWC §36.1071 and/or TAC §356.2-§356.6. These items will need to be corrected and/or addressed in order for the TWDB to approve the district’s groundwater management plan as administratively complete. Example language is often provided by the TWDB simply to illustrate how a given checklist item in the groundwater management plan is not compliant and how the item may be corrected. It is not the TWDB’s intention to suggest the content of the District’s groundwater management plan or to influence the District in any way with the exception of pointing out the items that are included in or excluded from the District’s groundwater management plan that are not in compliance according to state law. Please contact either Rima Petrossian, rima.petrossian@twdb.state.tx.us (512) 936-2420 or Stephen Allen, stephen.allen@twdb.state.tx.us (512) 463-7317 if you have any questions regarding the content of this recommendation report or the groundwater management plan approval process.

Note: For all preliminary reviews, the TWDB strongly encourages districts to submit their management plans for subsequent preliminary reviews following the corrections/amendments from the list below. This helps to ensure that no items were missed during the correction/amendment process and that the final official review runs as smoothly as possible, thereby requiring no management plan withdrawals, which can significantly delay the approval process.

Required Changes

Checklist Item 1, Estimate of Modeled Available Groundwater

On page 4, please add citations to the DFC/MAG value table. For the Trinity aquifers GR 10-063 MAG, and for the Woodbine GR 10-064 MAG.

On page 4, please change the value for the Hosston Aquifer in Grayson Co. to 2,347 and the total for Grayson Co. to 21,487 AF/yr to match the value in the MAG report.

Checklist Items 2, 6, 7, 8, 9 TWDB Data

Remember to replace the Appendix A data package with the new one sent to you earlier in the week.

Checklist Items 10, 11, 12, and 13: Please remember to include the following items with your submission for an **Official review**. Submissions for a preliminary review do not require these items.

- A) A copy of the District’s rules or include a link to where they can be downloaded within the text of the plan. If a link is included, it is usually placed in the section titled “Actions, Procedures, Performance, and Avoidance Necessary to Effectuate the Management Plan.” Staff recommend including an internet link when possible in order to increase ease with which a district constituent can obtain a copy of the District’s rules.

- B) A copy of the official plan delivered to the Executive Administrator. As required by Texas Water Code, §36.1071 and §36.1072, a district shall submit to the Executive Administrator a management plan that meets the requirements of §356.5. The address to submit the plan to is: Melanie Callahan, Executive Administrator, Texas Water Development Board, 1700 North Congress Avenue, P. O. Box 13231, Austin, TX 78711-3231. Once received, the plan will be recorded in the TWDB mail log before being forwarded to the Groundwater Resources Division.
- C) A digital copy of your management plan (can include it on a CD or email it) [31TAC §356.6(a)(1)]
- D) District Board resolution adopting the plan following notice and hearing [31TAC §356.6(a)(2)].
- E) Evidence of notice and hearing providing citizens within the District the opportunity to comment on the management plan prior to adoption by the District Board (for example: copy of newspaper article, publisher's affidavit, county clerk notarized copy of posted notice, etc.) [31TAC §356.6(a)(5)].

Note: If your Groundwater Conservation District has submitted a plan for an official review for administrative completeness during this approval cycle and had to withdraw due to a deficiency, then it will need to have a new public hearing for the amended (corrected) management plan [TWC §36.1071(g)]. Any time a deficiency in the management plan change requires amending the plan and re-adoption by the District Board there should be a new public hearing to review the plan. The idea is to provide the opportunity for comments on any changes to the management plan.

- F) Evidence that following notice and hearing the District coordinated with all surface water management entities. Surface Water Management Entities are [as defined by TAC §356.2(20)] as: "Political subdivisions as defined by Texas Water Code, Chapter 15, and identified from Texas Commission on Environmental Quality records which are granted authority to store, take, divert, or supply surface water either directly or by contract under Texas Water Code, Chapter 11, for use within the boundaries of a district." A 'Political Subdivision' is further defined in Chapter 15 of the Water Code as:

"...a **city, county, district or authority** created under Article III, Section 52, or Article XVI, Section 59, of the Texas Constitution, any other political subdivision of the state, any interstate compact commission to which the state is a party, and any **nonprofit water supply corporation** created and operating under Chapter 67." [TWC §15.001(5)]

If the District needs help determining the appropriate surface water management entities, please contact the TWDB for assistance. Examples of evidence provided usually include copies of letters addressed to surface water management entities that deliver a copy of the District's management plan for review and comment after the plan has been adopted by the District. [31TAC §356.6(a)(4)]

(1) A complete list of water districts is available from the TCEQ Water Utilities Database (WUD) at the following link:

<http://www10.tceq.state.tx.us/iwud/dist/index.cfm?fuseaction=ListDistricts&COMMAND=list&compress=N&StartName=&ID=&RegionCode=&DistTypeCode=&CreationTypeCode=&DistFunctionTypeCode=&CountyCode=&FinancialStatus=&ActivityStatus=&ListStart=>

The complete statewide list can be sorted by 'county' and 'activity status'; only the 'active' entities are of importance for this statute requirement. It will be up to the District to determine whether the listed entities manage any surface water and are located within the District boundaries.

(2) A complete list of water and sewer utilities is available from the TCEQ Water Utilities Database (WUD) at the following link:

<http://www10.tceq.state.tx.us/iwud/util/index.cfm?fuseaction=ListUtilities&COMMAND=list&compress=N&StartName=&ID=&RegionCode=&utilityCCN=&UtilityTypeCode=&OwnershipTypeCode=&CountyCode=&ActivityStatus=&ListStart=>

The complete statewide list can be sorted by 'county' and 'activity status'; only the 'active' entities are of importance for this statute requirement. It will be up to the District to determine whether the listed entities manage any surface water and are located within the District boundaries.

(3) A list of the Public Water Suppliers sortable by county and by source water (i.e. either groundwater or surface water, "Owned Monitoring Class") is available from the TCEQ at the following link:

<http://www10.tceq.state.tx.us/iwud/pws/index.cfm?fuseaction=listpws&COMMAND=list&compress=N&StartName=&ID=&DistrictNumber=&UtilityCCN=&SystemType=&OwnershipType=&CountyCode=&ActivityStatus=&RegionCode=&ListStart=>

The table of surface water supply Public Water Suppliers is located at the bottom of the web p.. If there is no surface water sources table then no entities exist within the TCEQ database that has surface water sources. Also, please note the 'Activity Status' column which designates whether the Public Water Supplier is active, inactive, or deleted/dissolved. Only the 'active' entities are of importance for this statute requirement. It will be up to the District to determine whether the listed entities are located within the District boundaries.

(4) An interactive internet map viewer provided by the TCEQ can also be used to identify Districts within your respective service area. It is located at:

<http://gis3.tceq.state.tx.us/iWudSpatialEx/Controller/?ccn=&zipCode=>

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