RED RIVER GROUNDWATER CONSERVATION DISTRICT

PUBLIC HEARING &
BOARD MEETING

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

> WEDNESDAY MARCH 21, 2012 1:30 PM



AGENDA RED RIVER GROUNDWATER CONSERVATION DISTRICT PUBLIC HEARING

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

1:30 P.M., WEDNESDAY, MARCH 21, 2012

Notice is hereby given that the Board of Directors of the Red River Groundwater Conservation District ("District") will hold a public hearing, accept public comment, and may discuss, consider, and take all necessary action regarding proposed revisions to the District's Bylaws on the 21st day of March, 2012, at 1:30 p.m. in the Greater Texoma Utility Authority Board Room, 5100 Airport Drive, Denison TX, 75020.

Agenda:

- I. Call to Order and introduction of Board
- II. Review draft amendment to the Temporary Rules
- II. Public Comment (verbal comments limited to three (3) minutes each; written comments may also be submitted for the Board's consideration).
- IV. Adjourn or continue public hearing on revised Temporary Rules.

This is to certify that I, Carmen Catterson, posted this agenda on the outdoor bulletin board of the Administrative Offices of the Greater Texoma Utility Authority, on the west side of the building, by 5:00 p.m. on February 28, 2012. I also provided this agenda to the County Clerks in Fannin and Grayson Counties with a request that it be posted.

Carmen Catterson

Sworn and subscribed to before me this <u>28</u> day of <u>February</u> 2012.

CAROLYN BENNETT
My Commission Expires
October 22, 2012

(S.E.A.L)

PERSONS WITH DISABILITIES WHO PLAN TO ATTEND THIS MEETING, AND WHO MAY NEED ASSISTANCE, ARE REQUESTED TO CONTACT CARMEN CATTERSON AT (800) 256-0935 TWO (2) WORKING DAYS PRIOR TO THE MEETING, SO THAT APPROPRIATE ARRANGEMENTS CAN BE MADE.

RED RIVER GROUNDWATER CONSERVATION DISTRICT

NOTICE OF PUBLIC HEARING MARCH 21, 2012

NOTICE IS HEREBY GIVEN to all interested persons within Fannin and Grayson Counties, Texas:

That the Board of Directors of the Red River Groundwater Conservation District ("District") will hold a public hearing, accept public comment, and may take action on amending the temporary District Rules regulating water wells within the boundaries of the District, including Fannin and Grayson Counties, Texas. The proposed amendments to the temporary rules would modify District Rule 4.2(e) related to the spacing and location of new wells to extend the deadline for the District's Board to adopt hydrogeologic criteria for use by well registration applicants to April 1, 2014.

This rulemaking hearing will be held on Wednesday, March 21, 2012, beginning at 1:30 p.m. in the Administrative Offices of the Greater Texoma Utility Authority, 5100 Airport Drive, Denison, Texas 75020.

Any person who desires to appear at the hearing and present comment or other information on the proposed District Rules may do so in person, by legal representative, or both. Comments may be presented verbally or in written form. Limits may be placed on the amount of time that each person is allowed to present verbal comments. Any person with a disability who needs special accommodations should contact the District Secretary Carmen Catterson at 800-256-0935. The hearing posted in this notice may be recessed from day to day or continued where appropriate.

A copy of the proposed amendment to the District Temporary Rules: (1) is available for reviewing or downloading at the following website: http://www.redrivergcd.org, and (2) may be reviewed, inspected, or obtained in person at 5100 Airport Drive, Denison TX 75020.

PROPOSED AMENDMENTS TO THE TEMPORARY RULES OF THE RED RIVER GROUNDWATER CONSERVATION DISTRICT

Set forth below are proposed amendments to the temporary rules of the Red River Groundwater Conservation District. The proposed changes would amend District Temporary Rule 4.2(e) related to the spacing and location of new wells to extend the deadline for the District's Board to adopt hydrogeologic criteria for use by well registration applicants to no later than April 1, 2014.

Rule 4.2 Spacing and Location of New Wells.

(e) All new non-exempt wells must provide sufficient hydrogeologic information to the District to demonstrate that the new well will not unreasonably impact exempt or non-exempt wells in the vicinity of the proposed well that are registered with the District at the time the new non-exempt well registration is administratively complete. The District's Board will adopt hydrogeologic criteria for use by well registration applicants in the implementation of this subsection no later than April 1, 20142.

AGENDA – MEETING

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, MARCH 21, 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 21st day of March, 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:

- I. Call to order, declare meeting open to the public, and take roll.
- II. Public Comment
- III. Consider approval of Minutes of February 22, 2012, Work Session and Board Meeting
- IV. Review and approval of monthly invoices
- V. Receive and discuss report provided by Tim Morris, P.E.
- VI. Review Management Plan/authorize modifications if needed and authorize submission to the Texas Water Development Board for pre-review
- VII. Consider and act upon cost sharing agreement with North Texas Groundwater Conservation District for accounting software
- VIII. Consider and act upon invoice for GMA8 expenditures for 2011
- IX. Consider and act upon amendment to Temporary Rules
- X. General Manager's report
- XI. Open forum / discussion of new business for future meeting agendas
- XII. Adjourn

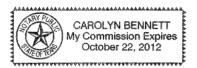
¹The Board may vote and/or act upon each of the items listed in this agenda.

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.

This is to certify that I, Carmen Catterson, posted this agenda on the outdoor bulletin board of the Administrative Offices of the Greater Texoma Utility Authority, on the west side of the building, by 12:00 p.m. on March 12, 2012. I also provided this agenda to the County Clerks in Fannin and Grayson Counties with a request that it be posted.

Carmen Catterson

Sworn and subscribed to before me this 12 day of 9 day of 9 2012.



(SEAL)

PERSONS WITH DISABILITIES WHO PLAN TO ATTEND THIS MEETING, AND WHO MAY NEED ASSISTANCE, ARE REQUESTED TO CONTACT CARMEN CATTERSON AT (903) 786-4433 TWO (2) WORKING DAYS PRIOR TO THE MEETING, SO THAT APPROPRIATE ARRANGEMENTS CAN BE MADE.



MINUTES OF THE WORK SESSION AND BOARD MEETING RED RIVER GROUNDWATER CONSERVATION DISTRICT

WEDNESDAY, FEBRUARY 22, 2012

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

Members Present: George "Butch" Henderson, Don Wortham, David Gattis, Harold Latham, Don

Morrison, Mark Patterson

Members Absent: George Olson

Staff: Jerry Chapman, Carolyn Bennett and Carmen Catterson

Visitors: Jonathan Cannon, Herald Democrat

Bill Hutchison, LBG Guyton Associates

Tim Morris, Morris Engineers Bob Patterson, Upper Trinity GCD Joey Rickman, City of Honey Grove Melissa Rickman, City of Savoy

WORK SESSION

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

President Henderson called the work session to order at 12:00 PM. All members except George Olson were present.

II. Discuss development of Management Plan.

President Henderson explained that the Board was instructed to review the various Management Plans in Groundwater Management Area 8 (GMA 8). Board Member Latham expressed that he liked the Middle Trinity GCD plan the most because it was simple and straightforward. However, the North Texas GCD was too wordy and bulky. The Committee met on February 1st and developed a recommendation. Board Member Wortham commented that the Committee's recommendations were simple, straightforward, and as cost effective as possible. Board Member Morrison thanked the Committee for being economically conscious.

Mr. Chapman explained that he and Mrs. Catterson had discussed an additional tool for providing information to the public. The staff explained that Facebook and LinkedIn. The sites would enable the District to provide information to the public. This would not cost the District anything but

staff time, which would be extremely limited. Mr. Hutchison recommended not including the social networking in the Management Plan because of the difficulty in meeting objectives.

Board Member Gattis commented that there is a wide variety in complexity in plans, but some plans were very minimal and were approved by the Texas Water Development Board (TWDB).

Mr. Hutchison reviewed the Committee's recommendation. Numbers 3 and 5 will be considered not applicable, which makes them easy to address. The Board expressed a fondness for Middle Trinity GCD's plan. Middle Trinity GCD's plan addressed two of the three recommendations, so the language could be borrowed to expedite the process. Mr. Hutchison explained that after the meeting, he will draft a plan to send to the District before the meeting in March for consideration and submission to the TWDB for preapproval process. Board Member Gattis stated that he did not a large Management Plan, like the North Texas GCD. The Committee wanted the plan to be as minimal as possible, while still being relevant to the area.

Board Member Patterson clarified that by creating a minimal plan, the District is not limiting their activities, but they are preventing being obligated to perform at a maximum level. The TWDB audits several districts in the State each year. Mr. Hutchison explained that the TWDB requires the Management Plan to be time based and quantifiable. For example, on number 4, he recommended changing it to specify attending at least one Region C meeting each year.

The Board agreed with using the format of the Middle Trinity GCD plan and incorporating the Committee's recommendation. Board Member Latham asked about the Red River Alluvium and if it needed to be addressed in the Management Plan. Mr. Hutchison explained that the Red River Alluvium was not considered an aquifer and did not have Desired Future Conditions (DFCs) established. He stated that it is not required to be included, but could be included if the District feels it needs management. The Region C Water Plan includes numbers for formations that are not recognized by the State or by GMA 8.

The Board discussed the urgent water needs in the counties to the south and west of the District. GMA 8 is a joint planning group and has to approve all the DFCs inside its boundaries. The DFC process requires each district to determine its desired conditions of the aquifer in 50 years. The process requires the neighboring districts to work together to achieve a common goal. The MAG numbers are now just one of five tools to determine the amount of water available to permit.

Mr. Hutchison reviewed the Middle Trinity GCD plan and compared the Committee's recommendations to their plan. The Board discussed number 4 and agreed to remove the section on other surface water providers since it is unclear and covered by attending the Region C meetings. The Board reviewed the rainfall maps and discussed how often to update the maps.

The Board discussed the appendices and the information contained. The information was generated from the State Water Plan, which included projections for potential sources of water. The information is a goal, not actual information.

III. Adjourn Work Session

The Board adjourned the work session at approximately 1:16 PM and took a brief break.

BOARD MEETING

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

President Henderson called the meeting to order at 1:25 PM. The board members introduced themselves and the manner of their appointment to the Board. All members except George Olson were present.

II. Public Comment

No public comments received.

III. Consider approval of Minutes of January 18, 2012, board meeting

Board Member Gattis motioned to approve the Minutes of the January 18, 2012 board meeting. The motion was seconded by Board Member Patterson and passed unanimously.

IV. Review and approval of monthly invoices.

Board Member Gattis asked if the legal invoices would be more up to date and Mr. Chapman responded that legal counsel had agreed to be more punctual with invoices.

Board Member Gattis motioned to approve the monthly invoices. The motion was seconded by Secretary/Treasurer Wortham and passed unanimously.

V. Receive update on the development of a Water Well Geodatabase and Web-Based Application.

Alan Plummer & Associates has been very responsive and the system is moving forward on schedule. Mrs. Catterson demonstrated the current site, which is not yet fully functioning, but is able to be viewed.

VI. Consider and act upon ASYST accounting and utility billing software

Mr. Chapman explained that financial information is currently being kept on the Authority's QuickBooks software. However, as wells are registered, the District will need to keep information on groundwater production and fees. This will currently have to be done manually between the web based application to the accounting department manually, causing double work. This will also be necessary for ownership information. This information needs to be as transferrable as possible to keep records up to date. The Authority encountered this situation with the North Texas GCD. The contractor initially stated they would recommend a system after a review. The Board decided to terminate that contract, and authorized the staff to enter into a contract with the USTI company for the ASYST software. This system is being utilized by area entities and can handle utility billing and accounting for the District.

Mrs. Atkins explained that the best aspect of the software is that the information from the geodatabase will be able to be exported into the accounting system. The system includes all information in one area. The system will track the transfer of well ownership to keep more accurate records. This will enable the staff to easily keep track of the different contact persons and the history of how the well has been handled.

Wells are not generally mentioned during title transfers, but the staff will work with the title companies and realtors to encourage transfer.

The program requires a license fee that is a one-time fee and a yearly support fee. The fees can be divided with the North Texas GCD. The license fee is approximately \$5,800 and the yearly support would be approximately \$1,100. The staff proposes to purchase a computer and establish the accounting system, which helps to separate the District from the Authority. The Authority backs up the software monthly off site and weekly onsite.

Mr. Chapman recommended an interlocal agreement between the two districts.

Board Member Gattis motioned to approve the ASYST accounting and utility billing software. The motion was seconded by Board Member Morrison and passed unanimously.

VII. Consider and act upon budget amendment

The District was very frugal in 2011 and a fund balance of \$44,000 remained. Mr. Chapman recommended that the Board amend the budget to use part of the fund balance to pay for the expenditure for the ASYST program and to purchase a computer and printer.

Board Member Gattis motioned to amend the 2012 budget to utilize the fund balance from the 2011 budget year to purchase a computer and printer for the field technician. The motion was seconded by Board Member Morrison and passed unanimously.

VIII. Discuss development of Management Plan

Board Member Morrison expressed that the Committee did a fantastic job providing recommendations.

IX. Receive and discuss letter from Tim Morris

Last month, Mr. Morris submitted a letter the Board requested be placed back on the agenda, along with a new letter submitted by Mr. Morris. Mr. Morris explained the ramifications of requiring non-exempt wells to provide geotechnical data before drilling. The District needs to establish guidelines before April 1st. If the Board desires to establish those hydrogeologic requirements quickly, the Board needs to consider the guidelines quickly. Mr. Morris recommended changing the date to 2013. The Board discussed how the statute was created and whether to modify it. A 200 gallon per minute well will reduce the static water level a mile away by 10 feet every few months. This is based on a 10 hour on, 14 hour off cycle.

Dr. Patterson explained that in the Upper Trinity GCD, they have spacing requirements based on the well capacity. They based their information on hydrogeologic information collected by their hydrologist. He has used this system many times over with the oil and gas industry. They did not put the burden of proof on the well owner, but based on their schedule of spacing based on capacity. For variances, they have a study performed on a specific location by both their hydrogeologic firm and by the entity requesting the firm, then a public hearing is held and a vote taken based on the testimony.

The Board discussed adjusting the Temporary Rules to amend the well spacing to provide for information be provided by September 2014. This will be considered at a public hearing on March 21st. Between April 1, 2012 and September 1, 2014, non-exempt well owners will be required to provide adequate hydrogeologic data to prove

Board Member Gattis motion to amend Rule 4.2(e) and hold a public hearing on March 21st. The motion was seconded by Board Member Patterson and passed unanimously.

X. General Manager's Report

Mr. Chapman provided a report from the Senate Natural Resources Committee of goals for the 82nd Legislature. Mr. Chapman reviewed the document with the Board. Several items are of concern, including permitting groundwater and consolidating groundwater conservation districts. President Henderson expressed the need for the District to continue progressing to prevent the State from attempting to consolidate the District with another one. This is always expressed strongly at the GMA 8 meetings.

Mr. Chapman met with the Grayson County Ag Life group at the request of Robin McCoy, Senator Estes's assistant. He provided information to the Grayson County Extension Agent. It was well received and reported that he planned to schedule a work session for individual well owners in Fannin and Grayson Counties. The GMA 8 meeting will be February 29th in Cleburne and the Texas Alliance of Groundwater Districts meeting will be in March.

Mr. Chapman also reported that the District will need a field technician to be hired by April 1st. The North Texas GCD field technician will not be able to handle any additional workload, as he is engaged in field inspections daily. Mr. Chapman requested the Board approve the staff to advertise for the position. The Board requested a job description be emailed and the staff agreed. Mr. Chapman anticipated the position to be full-time, but agreed to try to find someone willing to start part-time.

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

The next meeting and a public hearing will be held on March 21, 2012, with the public hearing beginning at 1:30 pm and the meeting at 2:00 pm. The agenda will include modification of Rule 4.2(e) of the Temporary Rules, an interlocal agreement with NTGCD and approving the management plan.

XII. Adjourn

Recording Secretary

Upon motion by Board Member Patterson seconded by Board Member Gattis and passed
unanimously, the Board adjourned at approximately 2:38 PM.
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Secretary-Treasurer

ATTACHMENT IV – INVOICES

RESOLUTION NO. 2012-03-20-01

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

The following liabilities are hereby presented for payment:

Administrative Services			
GTUA			4,558.41
Geodatabase Service			
Alan Plummer & Associates, Inc.			8,478.00
Groundwater Management Area 8			
GMA 8			624.78
Legal Services			
Lloyd Gosselink Firm			645.00
GRAND TOTAL:		\$	14,306.19
NOW THEREFORE BE IT RESOLVED BY T GROUNDWATER CONSERVATION DISTRI to make payments in the amounts listed above	ICT THAT the Secretary-Treasu		
On motion of the foregoing Resolution was passed and appropriate following vote:	and seconded by proved on this, the 21st day of N		by the
AYE: NAY:			
At a meeting of the Board of Directors of the	Red River Groundwater Conser	vation Distri	ct.
ATTEST:	President		
Secretary/Treasurer			

Invoice

Date	Invoice #
2/29/2012	10

Bill To	
Red River Groundwater Conservation Dist. P.O. Box 1214 Sherman, Texas 75091-1214	
Red River Groundwater Conservation Dist. P.O. Box 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	2/29/2012	US Mail				
Quantity	Item Code		Descript	tion		Price Ea	ıch	Amount
20	RRGCD Administrative	Jerry Chapman - 2012	Administration Fee -	February 1 through F	ebruary 29,	***	80.00	1,600.00
5.5	RRGCD Project Coor	Carolyn Bennett	- Project Coordinator	Administration Fee -	February 1		43.00	236.50
49	RRGCD Secretary/Ma	through Februar Carmen Catterso	y 29, 2012 in - Secretary / Mappin	g Technician Admin	istration		35.00	1,715.00
4	RRGCD Finance	Fee - February 1	through February 29, nance Officer/Account	2012				
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4	RRGCD AP/AR Acco	bruary 1		35.00	140.00			
156	RRGCD IRS 2012	through February IRS 2012 Standa	Post		0.555	86.58		
12.75	RRGCD Clerical	Office/Bank Dep Theda Anderson	bruary 1		10.00	127.50		
	RRGCD Miscellaneous	through February	/ 29, 2012 Expenses - Copies, Pos			352,45	352.45	
	RRGCD Telephone	through February Herald Democrat TAGD Meeting Copies Postage					80.38	80.38
ase remit to above	address.					Total		\$4.558.41

Position GENERAL MANAGER Name JERRY CHAPMAN

GTUA EMPLOYEE TIME SHEET

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Pay Period: February 1 - 15, 2012

Name: Carolyn Bennett
Position: Project Coordinator

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Name: Carolyn Bennett
Position: Project Coordinator

Pay Period: February 16 - 29, 2012

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GTUA EMPLOYEE TIME SHEET

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Release Time: Sick Leave Other Inclement Weather Sherman WWtr Sherman Water North Texas GCD Red River GCD Name: Carmen Catterson
Position: Secretary/Mapping Technician Holiday Comp. Time Used Annual Leave Gainesville Water Gainesville ROW General Project Name Employee's Signature: Comp. Time Earned Subtotal: Total: 8.00 Date: 8.00 1.00 2.00 5.00 8.00 3.00 3.00 8.00 8.00 1.00 1. 8 N 8.00 3.00 2.00 2.00 1.00 -**G**6.00 800 2.00 3.00 1.8 8.00 8.00 1.00 2.00 1.00 2.00 2.00 (1.00) 9.00 9.00 2.00 3.00 1.00 F 1.00 2.00 00 Approved by: 8.00 7.00 2.00 2.00 1.0 2.00 1.00 Date: 8.00 2.50 5.50 3.00 2.50 10 = 12 8.00 0.50 2.00 2.00 2.00 7.50 1.50 ည် 8.00 0.50 7.50 2.00 0.50 2.00 2.00 1.00 4 (1.00)9.00 9.00 5.00 4.00 5 0.00 2.00 29.50 7 29.50 4.00 13.00 7\5 83-50 85,50 0.00 0.00 4.50 (2.00) Total: 88-00 010 6.00

Name: DEBI ATKINS
Position: FINANCE OFFICER

Pay Period: Feb 16-29

Date:	l otal: Emplovee's Signature:	TOTAL BARNED	Comp. Taken	Holiday	Annual Leave	Sick Leave	Release Time:		RECO	NITOOD	OL STATE OF THE ST	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	VA	\vee	TB	SOUTHMAYD	SADLER/SAVOY	1	PARADISE	LEONARD/MELISSA	NWG/LAKE TEX	1	GUNTER	GOBER	GVILLE	ECTOR	DORCHESTER	CVILLE/BOLIVAR	ARGYLE/CGMA	ANNA/BELLS	WS	GENERAL	Project Name
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Other **Grand Total:** Total: Comp. Time Holiday Annual Leave Sick Leave Release Time: Earned Comp Time Name: LAURIE KILLIAN
Position: ACCOUNTING ASSISTANT Total: General RRGCD **Project Name** NTGCD Employee's Signature: Date: 중I**~** Flessie Bullyweld ∞ ထ driver license 0.25 7.75 1 N 8 ္ထါ က ∞ 4 19 20 flat tire 1.25 6.75 210 8.5 0.5 22 court 231∞ ∞ ∞ Approved by: 2219 œ Date: 25 ω ∞ Pay Period: 2/1/12 through 2/15/12 26 12 27 28/3 ∞ Jan Charles **14** 29 œ S tire again 0.5 30 3 2.5 œ ω N ω Total: 0.50 6 78

Name: LAURIE KILLIAN

Pay Period: 2/16/12 through 2/29/12

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GREATER TEXOMA UTILITY AUTHORITY EXPENSE VOUCHER

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rayee s	Name. Dum	u Durchfreid	Title: <u>Acc</u>	7 17587	
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Title:	ACCT AGSS		Title:	n i	
Date:	3/12/12		Date:		

GTUA Form #050

GTUA EMPLOYEE TIME SHEET

25.50 1925 9.75

Total

Other Date_ Sick Leave Total Holiday Release Time Employec's Signature—Date 2, 1, 29 Comp. Time Annual Leave **Project Name** Position_ Name_ CMA8 R R GTUA NTCCD Theda Clerk 40 01/ 167 20/2 lhede 54.5 Anderson 17/ 77 1 5 03/ 18 B O 04/ 19 0 0 **№** 05/ Ľ 1 S **2021** T 牛 T た 06/ 4.5 4.30 07/ 08/ 22 ₩ 23 T と ∞ ∞ 24 F 09/ OQ: ∞⟩ Approved By_ 10/ 25 11/ 26**\$** Pay Period__ 12/ 27_M \ll 3.65 330 13/ 28 T \ll 2:30 5:00 14/ 15/ 29 W 30. œ Q 16-29 Ş worked 310 Paid 48.50

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Texas Alliance of Groundwater Districts
PO Box 152169
Austin, Texas 78715
(512) 809-7785
www.texasgroundwater.org

TEXAS ALLIANCE OF GROUNDWATER DISTRICTS

Quarterly Meeting Registration Form Crowne Plaza Austin Central March 27-28, 2012

Tuesday, March 27, 2012	
1:00 pm — 3:00 pm	Speaker Sessions
3:15 pm – 5:00 pm	Business Meeting
6:00 pm — 7:00 pm	Networking Reception
7:00 pm — 9:00 pm	Networking Dinner
Wednesday, March 28, 2012	
8:30 am — 10:00 am	Speaker Sessions
10:15 am — 11:00 am	Committee Reports
11:00 am – 12:00 pm	Committee Meetings
DISTRICT OR BUSINESS NAME ADVANCED REGISTRATION FOR VOTING AND NON-VO	TING MEMBERS
SPEAKER SESSION AND QUARTERLY MEETING	Number of Persons $1 @ $95.00 $ each $= $ 95$
Member Dinner at Crowne Plaza Austin *	Number of Persons @ 33.00 each = \$
ATE REGISTRATION FOR <u>VOTING AND NON-VOTING N</u>	MEMBERS - AFTER MARCH 22, 2012
SPEAKER SESSION AND QUARTERLY MEETING	Number of Persons @ \$118.75 each =\$
MEMBER DINNER AT CROWNE PLAZA AUSTIN *	Number of Persons @ \$33.00 each = \$
SPEAKER SESSION ONLY REGISTRATION FOR NON-TA	AGD MEMBERS
ADVANCED REGISTRATION	Number of Persons @ \$150.00 each = \$
ATE REGISTRATION (AFTER MARCH 22, 2012)	Number of Persons @ \$187.50 each = \$
NAMES OF ATTENDEES	
TOTAL AMOUNT ENCLOSED \$ 75	(MAKE CHECKS PAYABLE TO TAGD)

NO REFUNDS IF CANCELLING LESS THAN 10 BUSINESS DAYS PRIOR TO MEETING.

MAIL TO: TAGD, KATHY TURNER JONES, PRESIDENT, BOX 2467, CONROE, TEXAS 77305-2467

*DINNER REGISTRATION MUST BE SUBMITTED BY MARCH 23, 2012 AT NOON.

Bank of America 🧇

FEB 2 1 2012 GIUB

JERRY W CHAPMAN 4356 2200 0061 **8666** January 16, 2012 - February 15, 2012

Cardholder Statement

Business Card

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\$232.30	
Past Due Amount	
Minimum Payment Due\$232.30	l
Payment Due Date	
Minimum Payment Warning: If you make only the	l

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.

	4.7
Account Summary 25	
Previous Balance \$59.12	
Payments and Other Credits \$0.00)
Balance Transfer Activity \$0.00)
Cash Advance Activity \$0.00)
Purchases and Other Charges \$142.16	
Fees Charged\$29.00	
Finance Charge \$2.02	
	- 1
New Balance Total\$232.30	}
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Trans	actions -	
Posting	Transaction	
Date	Date	Description
01/16	01/13	NTTA AUTOCHARCE 070 040 0000 THE Reference Number Amount
01/18	01/17	JASON'S DELL# 050 064 MCKINNEY TY 40.00
01/20	01/18	SUBWAY 00345407 CHEDIAAN TV 24425152016577255010188 PCINCETON - 9.94
01/23	01/19	THE PARKING SPOT 243 DALLAS
01/23	01/20	HUCKS CATFISH DENISON TY 24451052020000157445563 3 H WRITER RE1
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Monthly Statement

GREATER TEXOMA UTILITY 5100 AIRPORT DR **DENISON TX 75020 - 8448**

Page 1 of 7 Account Number 903 786-4433 566 4

Billing Date Feb 15, 2012 Web Site att.com



Detail of Payments and Adjustments

Adjustments	Payments
42.86	641.00
69.55CR	
26.69CR	641.00
	42.86 69.55CR

Plans and Services

Monthly Service - Feb 15 thru Mar 14

Charges for 903 786-4433

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

Charges for 903 786-3340

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

Charges for 903 786-3501

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

Charges for 903 786-4434

7. Bus Local Calling Unlimited B **Business Line (Measured Rate)** Caller ID Name Delivery Caller ID Number Delivery **Expanded Local Calling Service** Hunting

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HIGCD

30.00

30.00

30.00

30.00

Billing Summary

Bill-At-A-Glance

Payment - Thank You!

Total Amount Due

Amount Due in Full By

Previous Bill

Adjustments

Current Charges

Balance

Billing Questions? Visit att.com/billing Page

Plans and Services 265.81

1 800 559-7928

Payment Arrangements:

1 800 924-1743

Service Changes:

1 800 499-7928

Repair Services:

1 800 286-8313

AT&T Long Distance

1 800 559-7928

Total Current Charges

495.99

230.18

641.00

641.00CR

26.69CR

26.69CR

495.99

\$469.30

Mar 9, 2012

News You Can Use Summary

PREVENT DISCONNECT

LONG DIST, PROVIDERS

EREPAIR

See "News You Can Use" for additional information

Local Services provided by AT&T Arkansas, AT&T Kansas, AT&T Missouri, AT&T Oklahoma, or AT&T Texas based upon the service address location.

att.com



Plans and Services

Monthly Service - Feb 15 thru Mar 14 - Continued

Touchtone

Unlimited Local Usage

Charges for 903 786-4435

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

Charges for 903 786-5034

2. Bus Local Calling Unlimited B **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

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

Total Monthly Service

Directory Assistance

411

4. 1 Call(s) billed at \$1.89 each

1.89

Local Toll

Item No. Date Time Place Called Number Min Charges for 903 786-5034 Itemized Calls 5. 2-01 412P DA CL COMP 903 892-3282 2 .00 DA CL COMP .30

Charges for 903 786-5034

Directory Assistance Calls

Dialed 411: 555: 0 Operator Handled 411: 555: 0

Key to Calling Codes

D Day

GREATER TEXOMA UTILITY 5100 AIRPORT DR

DENISON

30.00

30.00

30.00

210.00

Page 2 of 7

count Number 903 786-4433 566 4 Billing Date Feb 15, 2012

Surcharges and Other Fees

6.	Federal Subscriber Line Charge				
					37.10
7.	911 Fee				3.50
8.	State Cost-Recovery Fee				.59
9.	Federal Universal Service Fee				7.42
Total	Surcharges and Other Fees	6.0	14e	ea.	48.61
Taxe	s		*		
10.	Federal				5.01
11.	State and Local				.00
Total	Taxes	ゼ	72	ea	
Tota	I Plans and Services				265.81
A	mount Subject to Sales Tax: .59				

AT&T Long Distance

Important Information

Your Rates, Terms or Services Have Changed: Effective April 12, 2012, AT&T Long Distance basic, non-plan, domestic per minute rates for interstate and intrastate direct-dialed and switched Toll Free calls will increase from \$.97 off-peak/\$.97 peak to \$.99 off-peak/\$.99 peak. Calling card per minute rate will increase from \$.97 to \$.99. For more information, to cancel service or to discuss other long distance calling plans, please call the toll free number on your bill or visit our website at www.att.com. Thank you for choosing AT&T Long Distance.

Message Regarding Terms & Conditions: To view your Terms & Conditions for AT&T Long Distance, access www.att.com/servicepublications or call 1-888-225-8530 to have a copy mailed.

Invoice Summan

(as of February 03, 2012)		
Current Charges		
Service Charges		168.00
Credits and Adjustments		00
Call Charges	. *	26 . 15
Surcharges and Other Fees	ء م	24.27
Taxes	4 ,	11.76
*** •	\$	
otal Invoice Summary		220 40





GREATER TEXOMA UTILITY

5100 AIRPORT DR DENISON TX 75020

Page 3 of 7

Account Number 903 786-4433 566 4 Billing Date Feb 15, 2012

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Service C						***************************************	Call Cha	rnes - Ja	an 2nd thru Feb	1st - Continued		
Monthly S	Service	Charges					Calls for			100 COMMINGE		***************************************
							Item	202 200	7753			
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		Toll Free	02/02-03/		20.00	20140.00	31.1-12		AUSTIN TX	512 239-0037	D	0:48
			02102-031	UI Z	14.00	ea 28.00	32.1-13		AUSTIN TX	512 239-1328	D	1:00
iviai ivivi	nmy Se	ervice Charges				168.00	33.1-13	824A	WYLIE TX	972 442-5405	D	1:06
							34.1-13	947A	ANNA TX	972 924-3325	D	2:54
Total Serv	rice Ch	arges				168.00	35,1-13	1129A	GAINESVL TX	940 665-3702	D	1:48
							36.1-13		GAINESVL TX	940 665-3702	D	2:00
0-11-01		0 14 51					37.1-13		TULSA OK	918 669-7395	D	
		an 2nd thru Feb	ıst				- 38,1-16		KRUM TX	940 482-3491	D	5:24
Calls for 9	U3-78b	-3501					39.1-16			(214 298-2255		1:42
_							40.1-18				D	0:30
Domestic										940 766-0156	D	0:30
Item							41.1-18		AUSTIN TX	512 322-5800	D	21:30
No. Date	Time	Place Called	Number	Code	Min		42.1-18		AUSTIN TX	512 239-1328	D	1:00
3.1-13	1047A	KRUM TX	940 482-3491	D	2:42	.00	43.1-18		AUSTIN TX	512 470-4514	D	0:42
4.1-20		MYRA TX	940 736-5533	Ď	5:06	.00	44.1-20	840A	GAINESVL TX	940 668-4540	D	1:00
		ic Calls for 903-		v	0.00		45.1-20	1009A	DALLAS TX	214 855-8072	D	0:42
			700 3361			.00	46.1-21	315P	GRANDPRARI TX	214 755-1851	D	6:42
Total Dom	actic f	alls for 903-786	2504				47.1-23		MCKINNEY TX	972 569-8301	D	2:30
som pom	come u	ons in 302-100	-3301			.00	48.1-24		ANNA TX	972 924-3325	D	0:30
T-4-1 0-11-		3 700 arns					49.1-24		AUSTIN TX	512 239-0622	D	
Total Calls						.00	50.1-24		ANNA TX			8:12
Calls for 9	U3-786-	4433					51.1-24		AUSTIN TX	972 924-3325	D	0:42
										512 239-6947	D	0:54
Domestic				-			52.1-25		MCKINNEY TX	214 726-6559	D	9:18
Item							53.1-25		WICHITAFLS TX		D	2:24
No. Date	Time	Place Called	Number	Code	Min		54.1-25	349P		903 564-4749	D	0:54
5.1-03	153P	WYLIE TX	972 442-5405	D	1:00	.00	55.1-25	428P	DALLAS TX	214 855-8072	D	1:18
6.1-03		AUSTIN TX	512 327-9640	·D	1:18	.00	56.1-25	456P	AUSTIN TX	512 936-0870	D	0:54
7.1-05		CHICAGO IL	312 322-5800	D	0:30		57.1-26	1016A	BETHESDA MD	301 320-9300	D	0:30
8.1-05		AUSTIN TX	512 322-5800	Ď	0:36	.00	58.1-27	914A	AUSTIN TX	512 239-6947	D	0:36
9.1-05		AUSTIN TX				.00	59.1-27	1019A	WHITESBORO TX	903 564-4749	D	0:42
10.1-05		GAINESVL TX	512 936-2420	D	5:48	.00	60.1-27	338P	WYLIE TX	972 442-5405	D	3:00
11.1-06			940 665-3702	D	0:30	.00	61, 1-30		MCKINNEY TX	972 529-4453	D	1:42
		AUSTIN TX	512 463-7971	D .	0:42	.00	62, 1-30		DALLAS TX	214 932-3061	D	
12.1-09		ANNA TX	972 924-3225	D	0:30	.00			: Calls for 903-7		υ	1:36
13.1-09		ARLINGTON TX	817 676-5314	D	3:48	.00	Subtotal D	umesm	: cans for 303-7	80-4433		
14.1-09	1134A	GAINESVL TX	940 665-3702	D	0:36	.00	T. 4 1 D		** * ***	••••		
15.1-09	230P	BETHESDA MD	301 320-9300	D	7:00	.00	rotal Dom	estic Ca	ills for 903-786-4	9433		
16.1-09	238P	DALLAS TX	214 922-8000	D	9:48	.00						
17.1-09	321P	AUSTIN TX	512 322-5800	D	1:36	.00	Total Calls	for 903	-786-4433			
18.1-09	420P	AUSTIN TX	512 463-8491	D	1:00		Calls for 9	03- 78 6-4	434			
19.1-09		AUSTIN TX	512 463-8491	D	0:30	.00						
20.1-10		ARGYLE TX		-		.00	Domestic					
21.1-10			940 464-7713	D	1:24	.00	Item					
		MYRA TX	940 727-1145	D	2:00	.00	No. Date	Time	Place Called	Number	Codo	W-i-n
22.1-10	339P	BETHESDA MD	301 320-9300	D	1:54	.00	63.1-05		DALLAS TX		Code	Min
		MCKINNEY TX	972 547-7531	D	1:00	.00	64.1-05			214 855-8072	D	1:12
24.1-11		WYLIE TX	972 442-5405	D	3:54	.00			FORT WORTH TX		D	3:42
25.1-12		DALLAS TX	214 631-6100	D	1:06	.00	65.1-09		JAMESTOWN NY	716 397-8986	D	4:42
26.1-12	325P	AUSTIN TX	512 239-4540	D .	8:00	.00	66.1-09		GAINESVL TX	940 665-3702	D	2:18
27.1-12		GRANDPRARI TX		D	0:30	.00	67.1-09		GAINESVL TX	940 665-3702	D	1:24
28.1-12		GRANDPRARI TX		D	0:30		68.1-12	1046A	AUSTIN TX	512 463-7971	D	3:24
29.1-12		AUSTIN TX	512 239-0037	D	7:48	.00	69.1-12	255P	FARMERSVL TX	972 784-7777	D	5:24
30.1-12		KRUM TX	940 482-3491			.00	70.1-13			972 442-5405	D	1:18
	1001	soconii ity	1 CPG-20F UTU	D	1:36	.00	71.1-16			940 482-3491	D	0:54
										077 080 2170	n n	4.00

72.1-16

73.1-16

74.1-23

1100A ADDISON TX

222P DALLAS TX

417P PARIS TX

972 980-2170

214 217-2256

903 785-0303

D

D

D



Call Charges - Jan 2nd thru Feb 1st - Continued

31.1-03 1008A GAINESVL TX 940 668-4540

0:30

.00

GREATER TEXOMA UTILITY 5100 AIRPORT DR



Page 4 of 7 Account Number 903 786-4433 566 4 Billing Date Feb 15, 2012

Call Charges - Jan 2nd thru Feb 1st - Continued

Calls for 903-7	186-443A								1st - Continued			
Item	100 7873					Calls for	903-746	5-5034				
	ime Place Calle	d Number	0.1			Item						
	42A GAINESVL TX		Code			<u>No. Date</u>			1 Number	Code	Min	
			D	0:36	.00	32.1 -03		A DALLAS TX	972 566-8855	D	2:36	.00
	57P FORT WORTH T		D	5:30	.00	33, 1-03		P GAINESVL TX	940 665-3702	D	1:54	.00
	OOP AUSTIN TX	512 239-6947	D	0:42	.00	34.1-04	319	P BOONSVILLE 1	X 940 748-2694	D	0:42	.00
	47A DALLAS TX	214 209-5014	D	0:42	.00	35.1-04		CAMBRIDGE NA		D	0:30	.00
Subtotal Domi	estic Calls for 903	1-786-4434			.00	36.1-04	3431	P BOSTON MA	617 480-1199	Ď	1:12	.00
						37.1-05		NOANOKE TX	817 430-0552	D	1:54	
lotal Domesti	c Calls for 903-78	6-4434			.00	38.1-05		GAINESVL TX	940 668-0060	D	2:00	.00
						39, 1-05			817 637-7120	D	1:06	.00
Total Calls for					.00	40.1-05	1129/	SPRINGTOWN T	X 817 523-5200	D	0:30	.00
Calls for 903-7	86-4435					41.1-05	1159/	FARMERSVI TX	972 784-7777	D	4:06	.00
						42.1-05	1205P	CAMBRIDGE MA	617 452-6378	D	0:30	.00
Domestic						43.1-06		ROCKWALL TX	972 771-4071	D		.00
Item						44.1-06	122P		817 224-6067	-	1:42	.00
	me Place Called	Number	Code	Min		45.1-06	224P		X 940 748-2694	Ð	0:54	.00
5.1-03 90	6A GAINESVL TX	940 665-5511	D	1:36	.00	46.1-06		FRISCO TX		D	0:36	.00
6.1-03 12	BP GREENVILLE T	X 903 217-3827	D	8:18	.00	47.1-06	230P		972 377-5557	D	0:42	.00
7.1-04 121	6P GAINESVL TX	940 665-3702	D	0:30	.00	48.1-06	242P		972 524-0205 972 784-7777	D	0:36	.00
8.1-05 83	7A FORT WORTH T	X 817 335-6511	D	4:54	.00	49.1-06		ARLINGTON TX		D	0:30	.00
9.1-05 34	OP MCKINNEY TX	972 547-7531	D	1:00	.00	50.1-06		ROCKWALL TX		D	10:00	.00
10.1-06 13	2P FORT WORTH TO	X 817 806-1700	D	2:12	.00	51.1-09		BONHAM TX	972 771-4071	D	0:30	.00
11.1-09 90	2A ANNA TX	972 924-3361	D	3:12	.00				903 583-7710	D	0:54	.00
	9P GAINESVL TX		Đ	3:12	.00	52.1-09 53.1-09	44201	BELLSSAYUY 1)	903 965-7706	D	1:00	.00
	4A WHITESBORD TX		D	1:36	.00		11024	BOONEARTE TO	940 748-2694	D	0:48	.00
	6P DALLAS TX	214 855-8072	Ď	1:06	.00	54.1-09		BOOKCATTLE IN	940 748-2694	D	1:06	.00
15.1-13 15	IP CAMBRIDGE NA		Ď	4:54	.00	55.1-09	332P	BOANGE THE	940 748-2694	D	0:42	.00
	SP ARGYLE TX	940 464-7241	D	1:12	.00	56.1-09	411P		817 430-3541	D	6:18	.00
	ZA CAMBRIDGE MA		Ď	10:06	.00	57.1-10		ROCKWALL TX	972 772-7242	D	0:54	.00
	2P GRANDPRARI TX		D	0:42		58.1-10		ARLINGTON TX	817 588-5800	D	1:12	.00
19.1-20 833	BA EULESS TX	817 858-0870	D	1:30	.00	59.1-10		GAINESVL TX	940 665-4455	D	6:00	.00
	P DENTON TX	940 465-6244	D	2:18	.00	60.1-10	247F	BURNET TX	512 756-4900	D	4:12	.00
	A GAINESVL TX	940 665-0733	Ď	0:54	.00	61.1-10		WEATHERFD TX	817 594-8177	D	0:48	.00
	P GRANDPRARI TX		. D	0:54	.00	62.1-10		GAINESVL TX	940 668-4540	D	1:30	.00
Subtotal Domes	tic Calls for 903-	786-AA35	. 0	0.04	.00	63.1-10		LEONARD TX	903 587-2702	Ð	0:30	.00
	20110 101 202	LUPP DO			.00	64.1-10	344F	GREENVILLE TX	903 453-7106	D	0:42	.00
Total Domestic	Calls for 903-786-	AADE	,			65.1-10	408P	GRANDPRARI TX	972 602-8500	D	0:48	.00
	00112 101 202-100	7133			.00	66, 1-10		GRANDPRARI TX	972 602-8500	D	2:30	.00
Total Calls for 9	03.786_4/35					67.1-10		AUSTIN TX	512 322-5839	D	1:18	.00
Calls for 903-780		•			.00	68.1-10		WACO TX	254 715-6620	D	3:42	.00
	, 200 ¥					69.1-10		AUSTIN TX	512 773-8967	D	1:42	.00
Domestic						70.1-11		MCKINNEY TX	972 547-7548	D	0:48	.00
Item						71.1-11	100P	KRUM TX	940 482-3491	D	0:36	.00
	Dlace Called	\$11				72.1-11		GAINESVL TX	940 665-3702	D	1:54	.00
	Place Called		Code	Min		73.1-12	905A	LEWISVILLE TX	972 355-3795	D	3:30	.00
	A GLENDALE TX	817 507-7658	D	1:18	.00	74.1-12	926A	BARTONVL TX	940 728-0031	D	0:30	.00
	A GLENDALE TX	817 507-7658	D	0:30	.00	75.1-12	1017A	BOONSVILLE TX	940 748-2694	D	1:36	.00
	P MCKINNEY TX	469 525-6214	D	14:24	.00	76.1-12	1021A	GAINESVL TX	940 668-8391	D	0:30	.00
26.1-03 813/	A GRANDPRARI TX		D	0:30	.00	77.1-12			940 736-5533	D	0:42	.00
	A GAINESVL TX	940 665-8000	D	1:06	.00			FORT WORTH TX		D	5:30	.00
28.1-03 924/	MILLINGTON TN	901 874-8668	D	3:00	.00	79.1-12	1042A		940 668-4540	_	17:18	.00
29.1-03 938/	FORT WORTH TX		D	0:42	.00	80.1-12		DORCHESTER TX		D	1:12	
	APOLLO TX	832 205-5167	D	1:12	.00	81.1-12			512 475-4815	D	0:42	.00
31.1-03 1008A	\ GATNESVI TX	940 668_4540	n	0.20	00				110 7010	v	V.74	.00





GREATER TEXOMA UTILITY 5100 AIRPORT DR

Item

DENISON TX 75020 - 8448

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Account Number 903 786-4433 566 4

Billing Date Feb 15, 2012

Call Charges	- Jan 2nd thru Feb	1st - Continued

		an znu unu rev	ist - commued			
Calls for	903-786	i-5034				
Item						
No. Date				Code	<u>Min</u>	
1.1-12		P ARLINGTON TX	817 676-5314	D	11:48	.00
2.1-13	910/	A PLANO TX	972 578-0127	D	3:06	.00
3.1-13		A ANNA TX	972 924-3325	D	4:12	.00
4.1-13		AUSTIN TX	512 239-1328	D	0:48	.00
5.1-13			(903 564-1234		1:06	.00
6.1-13			903 564-7677		1:18	.00
7.1-13		WHITESBORO TO		D	1:30	.00
8.1-13		WHITESBORD TO	(903 564-1234	D	0:42	.00
9.1-13	149F	DALLAS TX	972 566-8855	D	2:36	.00
10.1-13	331F	GAINESVL TX	940 668-8337	D	0:48	.00
11.1-13	359P	WLIE TX	972 442-5405	D	1:18	.00
12.1-16	1054A	GAINESVL TX	940 665-3702	D	0:30	.00
13.1-16	448P	DALLAS TX	214 217-2200	D	0:42	.00
14.1-16	450P	MCKINNEY TX	214 544-6401	D	0:30	.00
15.1-17			512 322-5839	D	4:24	.00
16.1-17	104P	PARIS TX	903 784-3377	D	2:24	.00
17.1-17	107P	PARIS TX	903 784-3377		3:36	.00
18.1-17	112P		972 382-3222	D	1:06	.00
19.1-17	114P	PARIS TX	903 784-3377	D	5:42	.00
20.1-17	331P		940 748-2694	D	0:42	.00
21.1-17	333P		817 430-0552	D	0:36	.00
22.1-17	335P	DALLAS TX	214 696-1762	D	0:54	.00
23.1-18	1239P	FORT WORTH TX	817 566-1804	D	0:30	.00
24.1-18	1240P	GRANDPRARI TX	214 773-1705	D	0:30	.00
25.1-18	1245P		817 566-1804	D	9:30	.00
26.1-18	1258P	MCKINNEY TX	469 525-6214	D	3:30	.00
27.1-18			940 482-3491	D	3:42	.00
28.1-19			903 564-7677	D	0:30	.00
29.1-19		MCKINNEY TX	469 525-6214	D	0:54	.00
30.1-19	847A	GRANDPRARI TX	469 688-9775	D	2:30	.00
31.1-19		AUSTIN TX	512 239-1328	D	0:54	.00
32.1-19		TOM BEAN TX	903 546-6321	D	0:30	.00
33.1-19		ROANOKE TX	817 430-0552		1:00	.00
34.1-19		GLENDALE TX	817 584-4772	D	0:54	.00
35.1-19	1142A	WHITESBORD TX	903 651-9457	D	1:18	.00
36.1-19		FRISCO TX	972 625-4471	D	0:42	.00
37.1-19	224P	PRINCETON TX	972 736-2416	D	2:00	.00
38.1-19		DALLAS TX	214 855-8072	D	5:48	.00
39.1-19	233P	FRISCO TX	972 292-5810	D	9:42	.00
40.1-20	939A		214 855-8000	D	0:36	.00
41.1-20		MCKINNEY TX	214 491-0452	D	0:30	.00
	1127A	MYRA TX	940 736-3229	D	4:54	.00
43.1-20		ANNA TX	972 924-4510	D	0:30	.00
44.1-20	1202P	ANNA TX	972 924-3325	D	0:36	.00
45.1-20		ANNA TX	972 924-4510	D	1:24	.00
46.1-20		GAINESVL TX	940 668-8344	D	1:12	.00
47.1-23		GAINESVL TX	940 665-4472	D	0:30	.00
48.1-23	901A	ANNA TX	972 924-5626	D	0:30	.00
49.1-23	902A	MCKINNEY TX	972 658-4347	D	0:30	.00
50.1-23		GAINESVL TX	940 668-4540	D	0:30	.00
51.1-23	1056A	MYRA TX	940 727-9515	D	0:42	.00

Trom						
No. Date	Time	Place Called	Number	Code	Min	
52.1-23	1057/	GAINESVL TX	940 665-8627	D	0:30	.00
53.1-23	1141/	FORT WORTH TX	817 735-7395	D	0:36	.00
54.1-23	11474	AUSTIN TX	512 239-1328	D	1:12	.00
55.1-23	222P	AUSTIN TX	512 239-4671	D	11:24	.00
56.1-23	256P	FORT WORTH TX	817 735-7395	D	11:12	.00
57.1-23	311F	FORT WORTH TX	817 735-7395	D	0:54	.00
58.1-24	1144A	WHITESBORD TX	903 651-9457	D	2:36	.00
59.1-24	1201P	DALLAS TX	214 217-2256	D	0:30	.00
60.1-25	1004A	PARIS TX	903 785-0303	D	0:48	.00
61.1-25	312P	GAINESVL TX	940 665-3702	D	6:06	.00
62.1-25	322P	WHSETLEMNT TX	817 367-3625	D	0:30	.00
63.1-25	323P	WHSETLEMNT TX	817 367-3625	D	1:18	.00
64.1-26	905A	AUSTIN TX	512 239-1328	D	1:36	.00
65.1-26	1052A	GAINESVL TX	940 665-3702	D	5:36	.00
66.1-26	153P	HASLET TX	817 439-8888	D	1:36	.00
67.1-27	1033A	BETHESDA MD	301 320-9300	D	0:48	.00
68.1-27	323P	SANGER TX	940 458-3931	D	1:24	.00
69.1-27	413P	WHITESBORO TX	903 564-5926	D	0:48	.00
70.1-27	438P	MYRA TX	940 736-3312	D	1:06	.00
71.1-30	933A	BONHAM TX	903 583-6111	D	1:18	.00
72.1-30	937A	GAINESVL TX	940 668-4500	D	0:54	.00
73.1-30	945A	LEONARD TX	903 587-3334	D	1:18	.00
74.1-30	949A	MUENSTER TX	940 759-2236	D	0:54	.00
75.1-30	959A	TOM BEAN TX	903 546-6321	D	1:24	.00
76.1-30	1002A	WHITESBORO TX	903 564-3311	D	1:30	.00
77.1-30	1009A	WHITESBORO TX	903 564-3311	D	0:30	.00
78.1-30	1027A	AUSTIN TX	512 239-1328	D	2:18	.00
79.1-30	1245P	DALLAS TX	214 576-0889	D	1:18	.00
80.1-30	116P	DENTON TX	940 465-6244	D	3:48	.00
81.1-30	201P	WICHITAFLS TX	940 704-9897	D	4:18	.00
82 4.30	2440					a 4F LF

D

D

0:30

1:06

2:36

.00

.00

.00

.00

.00

.00

Total Domestic Calls for 903-786-5034

94.1-16 1135A ARLINGTON TX 817 588-5700

95.1-17 857A HCKINNEY TX 972 547-5731

82.1-30 211P GREENVILLE TX 903 453-7106

Subtotal Domestic Calls for 903-786-5034

Call Charges - Jan 2nd thru Feb 1st - Continued

Calls for 903-786-5034

Total Calls for 903-786-5034 Calls for 903-786-8211

Domestic Item						
No. Date	Time	Place Called	Number	Code	Min	
83.1-03	846A	REDLANDS CA	909 307-3083	D	0:48	.00
84.1-04	755A	DALLAS TX	214 953-8878	D	0:48	.00
85.1-04	936A	GAINESVL TX	940 668-8458	D	0:36	.00
86.1-04	237P	TULSA OK	918 524-8284	D	1:06	.00
87.1-04	254P	MCKINNEY TX	972 548-4696	D	1:00	.00
88.1-04	257P	MCKINNEY TX	972 547-5731	D	1:00	.00
89.1-04	259P	BONHAM TX	903 640-4241	D	0:36	.00
90.1-04	304P	GAINESVL TX	940 668-5522	D	1:12	.00
91.1-04	322P	HCKINNEY TX	972 547-5731	D	1:00	.00
92.1-04	324P	GAINESVL TX	940 668-5522	D	1:12	.00
93.1-13	1129A	ARLINGTON TX	817 588-5700	n	n : 14 N : 54	.00 00

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Account Number 903 786-4433 566 4

Billing Date Feb 15, 2012



Calls for		n 2nd thru Feb 1 8211	or - commissed				Call Char Calls for		an 2nd thru	eb 1st	- Continued			
Item						*		000-420	-4433					
No. Date	Time	Place Called	Number	Code	Min		Item	Timo	Feer 01					
1.1-17	858A		940 668-5522	D	1:18	.00	No. Date 31.1-03				rom Number	Code	<u>Min</u>	
2.1-17		BONHAM TX	903 583-7811	D	1:06	.00					14 704-4627	DB	1:54	.13
3.1-17		ANNA TX	972 924-2620	D	0:42		32.1-03		FORT WORT			DB	1:54	.13
4.1-17		BONHAM TX	903 583-6111	D	1:42	.00 .00	33.1-03 34.1-03		A GRANDPRAR			DB	6:06	.43
5.1-17		COLLINSVL TX	903 429-3059	D	1:12	.00	35.1-03		AUBREY		40 440-9561	DB	2:18	.16
6.1-17		GAINESVL TX	940 668-4518	D	1:06	.00	36.1-03		TEMPLE		54 770-2200	DB	2:36	.18
7.1-17		ECTOR TX	903 961-2251	D	1:36	.00			AUBREY		10 440-9561	DB	1:18	.09
8.1-17		MUENSTER TX	940 759-2250	D	1:06		37.1-03		AUBREY		10 440-9561	DB	0:48	.06
9.1-17		TIOGA TX	940 437-2432	D	1:42	.00	38.1-03	351P			64 965-6705	DB	1:18	.09
10.1-17		VALLEYVIEW TX		D	0:54	.00 .00	39.1-04		BOONSVILL			DB	3:48	.27
11.1-17		WHITESBORO TX		D	0:36	.00	40.1-04 41.1-04		MEMPHIS MEMPHIS		1 494-2767	DB	1:48	.11
12.1-17		WHITEWRGHT TX		D	0:36	.00					1 494-2767	D8	3:18	.20
13.1-17		CELINA TX	972 382-4264	D	0:30	.00	42.1-05 43.1-05		WACO		4 759-7530	DB	2:48	.20
14.1-19		ARLINGTON TX	817 588-5700	D	0:30	.00	44.1-05		FRISCO		2 377-5557	DB	1:36	.11
15.1-20		BLOOMINGTN IL		D	8:18	.00	44.1-05		GAINESVL		0 612-1598	DB	3:48	.27
		ARLINGTON TX		D	0:10	.00	46.1-06		STEPHENVL			DB	1:42	.12
		c Calls for 903-7			0.50	.00	40.1-00 47.1-06		CAMBRIDGE			DB	2:30	.15
			00 0211			.00	48.1-06		ARLINGTON ARLINGTON		7 307-3710	DB	2:48	.20
Total Dom	iestic Ca	alls for 903-786-8	R211			.00	49.1-09		SAGINAW		7 307-3710	DB	0:30	.04
						.00	50.1-10		ST JO		7 232-0077	DB	3:30	.25
Total Call	s for 903	-786-8211				.00	51.1-10		WEATHERFD		0 995-7011	DB	4:24	.31
Calls for 8						.00	52.1-10	153P	BURNET		7 594-8177	DB	0:30	.04
Toll Free S							53.1-10				2 756-4900	DB	0:42	.05
Destinatio		6-3340					54.1-11		HOUSTON		7 294-4372	DB	5:12	.36
Domestic							55.1-12		ARLINGTON		2 922-7424 7 905-7626	DB DB	4:24	.31
[tem							56.1-12		MYRA		7 303-7020 0 736-4507	DB	2:12	.15
No. Date	Time	From Place	From Number	Code	Min		57.1-13		FRISCO		2 624-3100	DB	0:54	.06
17.1-06	405P	HOUSTON TX	713 468-4932	DB	3:12	.22	58.1-16		LEXINGTON		9 268-1810	DB	6:42	.47
18.1-09	1046A	BONHAM TX	903 583-3309	DB	6:06	.43	59.1-16	210P	DENTON		565-0963	DB	81:06	4.87
19.1-09	1118A	HONEYGROVE TX	903 378-3033	DB	2:24	.17	60.1-17		ARGYLE			DB	4:48	.34
20.1-10			713 468-8600	DB	5:12	.36	61.1-17		BOWIE) 464-7241) 872-6633	DB	11:00	.77
21.1-10	212P		940 665-4455	DB	1:24	.10	62.1-18		NORTHLAKE		830-3400	DB DB	2:18	.16
22.1-12	1102A	DORCHESTER TX	903 476-5862	DB	1:06	.08	63.1-18		BOWIE		872-6633	DB	10:06	.71
23.1-19			940 668-4547	DB	0:30	.04	64.1-18		DALLAS		696-2810	DB DB	1:54	.13
24.1-19	312P		940 668-4547	DB	3:12	.22	65.1-19		NORTHLAKE		830-3400	DB	0:48	.06
25.1-20		LITTLEROCK AR		DB	9:42	.58	66.1-19		NORTHLAKE			DB DB	1:54	.13
26.1-23	1141A		918 968-2210	DB	0:30	.03	67.1-19	9384.			830-3400 736-5243	DB DD	25:48	1.81
27.1-23			940 668-4547	DB	4:12	.29	68.1-19		FRISCO		730-5243 292-5000	DB DD	3:54	.27
28.1-23	1233P		940 668-4547	DB	0:30	.04	69, 1-19				: 292-5000 ! 830-3400	DB no	0:36	.04
29.1-23	216P		903 815-3024	DB	4:24	.31	70.1-19		FRISCO		624-3100	DB no	7:30	.53
30.1-25			940 668-4540	DB	9:30	.67	71.1-20	959A				DB DB	15:06	1.06
etal Dome		lls for 903-786-3			- ***	3.54	72.1-20		ARGYLE		736-3229	DB	7:48	.55
		03-786-3340				3.54	73.1-20		CLEBURNE		464-7241	DB on	2:12	.15
						4.42			FORT WORTH		556-2299	DB	0:54	.06
otal Toll F	Free Sen	vice Calls for 80	0-256-0935	00		3.54			FORT WORTH			DB	3:00	.21
				Mr (LD	*****	76.1-25		WEATHERFD			DB DB	2:30	.18
							77 1-26				303 0500	nn ng	2:30	.18

.22

3:06

77.1-26 839A DECATUR TX 940 393-8598



GREATER TEXOMA UTILITY 5100 AIRPORT DR

DENISON TX 75020 - 8448

Page 7 of 7

Account Number 903 786-4433 566 4 Billing Date Feb 15, 2012

Call Charges - Jan 2nd thru Feb 1st - Continued Calls for 800-256-0935

	or 900-730-	U935								
Item										
<u>No. Da</u>	ite Time	From Place		Fro	m Number		Code	Min		
1.1-	27 947A	ARGYLE	ΤX	940	464-724	1	DB	3:00		.21
2.1-	27 1034A	GAINESVL	TX	940	668-677	6	DB	1:30		.11
3.1-	27 1041A	CLEBURNE	TX	817	556-229	9	DB	9:24		.66
4.1-	27 1051A	MUENSTER	TX	940	759-411	2	DB	1:30		.11
5.1-	30 836A	ARLINGTON	ΤX	817	307-3710	0	DB	1:18		.09
6.1-	30 852A	DENTON	Tχ	940	465-251	1	DB	2:00		.14
7.1-	30 111P	ARLINGTON	TX	817	905-7620	3	DB	1:42		.12
8.1-	30 114P	ARLINGTON	TX	817	905-7626	3	DB	0:30		.04
9.1-	30 258P	GAINESVL	TX	940	612-5860)	DB	4:24		.31
10.1-	31 236P	DENTON	TX	940	349-8335	5	DB	0:48		.06
11.1-	31 243P	STEPHENVL	TX	254	968-8770)	DB	1:06		.08
12.2-		MCKINNEY			837-1279)	DB	47:18		3.31
Total Domestic Calls for 903-786-3501						22.61				
Total D	estination	903-786-3501								22.61
		rvice Calls fo	or 85	5-42	6-4433	Ý	ITG	LD		22.61
Total C	all Charges	5				4	, , _			26.15
Surcha	rges and O	ther Econ								
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	~	versal Serv	ice	Fee						1.48
		ization Fee	200	100						15.37 1.10
16. State Cost-Recovery Fee							1.36			
17. TX Utility Gross Receipts Assessment							.19			
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			-			3.	4-	I ea	-	67.LI
Taxes		·					*			
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Total AT&T Long Distance

20. State and Local Taxes

Key to Calling Codes B Collect

Total Taxes

230.18

1.68 ea.

11.76

11.76

News You Can Use

D Day

PREVENT DISCONNECT

Thank you for being a valued customer. Please be aware that all charges must be paid each month to keep your account current and prevent collection activities. We are required to inform you that certain charges such as your telephone line, and fees and surcharges MUST be paid in order to prevent interruption of basic local service. These charges are already included in the Total Amount Due and are \$465.80 . Also, neglecting payment for other charges, such as long distance, voice mail, InLine®, wireless, and Internet may result in those services being interrupted.

LONG DIST, PROVIDERS

Our records indicate that you have selected AT&T Long Distance or a company that resells their services as your primary local toll carrier and AT&T Long Distance or a company that resells their services as your primary long distance carrier. Please contact us if this does not agree with your records.

EREPAIR

The eRepair tool at att.com/repair provides answers to common repair questions online. The tool also helps you troubleshoot problems, submit a repair report, follow the report through resolution, or even cancel the report if necessary. You'll also find easy 24/7 access to AT&T user guides online, which reduces the need to store hard copies. Instead, you'll have ready access to the most up-to-date versions online.

Terms and Conditions

CARRIER OHESTIONS

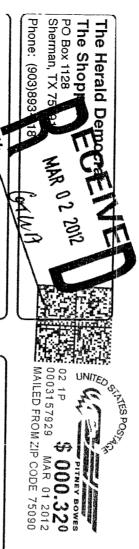
You may contact the Public Utility Commission of Texas, Office of Customer Protection, P.O. Box 13326, Austin, TX 78711-3326, 1-512-936-7120 or toll-free in Texas at 1-888-782-8477 if you believe the local exchange provider or the interexchange carrier on your bill are not correct or if there are unauthorized charges on your bill. He aring and speech impaired customers with text telephones (TTY) may call 1-512-936-7136. When corresponding by mail, include your complaint and copies of the phone bills. Please contact AT&T Texas to switch your service back to the carrier of your choice.

For a complete listing of Terms and Conditions, please refer to:

- The inside of the AT&T White Pages directory, or
- Visit us on the web at att.com/terms

LATE PAYMENT INFORMATION

A late payment charge of 7.5%, calculated monthly, will be assessed if your payment is not received by the date shown on the remit stub next to "Amount After"



Advertising Invoice

RED RIVER GROUNDWATE 00190560 ejh Description **Stop Date** 02/29/2012 Insertions

Start Date

02/29/2012

Ad# SP

Amount Due:

STUB WITH YOUR PAYMENT PLEASE RETURN THIS

Amount Due: Amount Enclosed:

112.53

Invoice #00190560 - ejh

Carolyn

Greater Texoma Utility Authority



GREATER TEXOMA UTILITY AUTHORITY

5100 Airport Drive Denison, Texas 75020 903/786-4433 FAX: 903/786-8211

February

Red River Groundwater Conservation District Copy Log

Date

Number of Copies

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GREATER TEXOMA UTILITY AUTHORITY

5100 Airport Drive Denison, Texas 75020 903/786-4433 FAX: 903/786-8211

Red River Groundwater Conservation District Postage Log February 2012

Date

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

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

Project

1722-001-01

December 30, 2011

Project Manager:

Total Contract:

Amount

Project No:

Invoice No:

1722-001-01

Previous

000000032015

Adam Rose

65,900.00

This

Red River GWCD Water Well GIS Geodatabase

Professional Services through December 30, 2011
Fee

Billing Phase		Fee	Comple		Billed	Billed	Invoice
		9,800.00	61	.00	5,978.00	0.00	5,978.00
Database Design		30,300.00		.00	0.00	0.00	0.00
Application Design		9,600.00		.00	0.00	0.00	0.00
Application Testing and Project Cont	roi	-		.00	0.00	0.00	0.00
Setup and Training		3,700.00			2,500.00	0.00	2,500.00
Meeting and Project Communication		12,500.00	20.	.00	- ·	0.00	8,478.00
Total Fee	,	65,900.00	_		8,478.00	0.00	8,478.00
		Total F	ee				0,470.00
					Total this i	nvoice	\$8,478.00
	Current		Prior		Total 8,478.00	Payments 0.00	
Billings to Date	8,478.00		0.00		0,470.00		0,7,0.00
							•
Authorized By:			-	Date:			
Adam Rose							•





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

ID: 3228-0000 - BLS

Re: General

816 Congress Avenue Suite 1900 Austin, TX 78701-4071

Telephone: (512) 322-5800 Facsimile: (512) 472-0532 Federal ID: 74-2308445 www.lglawfirm.com

> February 29, 2012 Invoice 55682

For Services Rendered Through January 31, 2012

Previous Balance

Payments

15,706.48

-15,706.48

Balance Forward

0.00

Current Fees

645.00

Total Current Charges

645.00

645.00

Total Due

RECEIVED MAR 0 9 2012 PRECEIVED

Lloyd Gosselink Rochelle & Townsend, P.C.

Red River Groundwater Conservation District	February 29, 2012
Re: General	Invoice 55682
I.D. 3228-0000 - BLS	Page 2

1.D. 3220-0000 - DL3							
Date Atty	Fees Parametrian						
Date Atty 01/03/12 EDZ	Description			Hours			
	Case management regarding board meeting materia			0.20			
01/11/12 EDZ	Revise bylaws to reflect changes of rules and bylaw follow-up with B. Sledge; case management.	ws committee;		1.00			
01/17/12 BLS	BLS Review correspondence from staff and Bylaws revisions; conference with E. Zoch regarding same and work on preparation of adoptive resolution; finalize changes and dispatch to District staff with correspondence; finalize adoptive resolution						
01/17/12 EDZ							
01/18/12 BLS	Phone conference with District general manager and staff regarding issues for today's Board meeting						
			Totals	4.20			
The state of the s	Fee Recap						
		Hours	Rate/Hour	Amount			
Brian L Sledge	Principal	0.90	295.00	265.50			
Erin D Zoch	Paralegal	3.30	115.00	379.50			
	Totals	4.20		645.00			
	Tota	d Fees and D	is burs e ments	645.00			



Total Current Charges

645.00

NORTH TEXAS GROUNDWATER

P O Box 508 Gainesville Tx 76241

Invoice

Date	Invoice #
2/28/2012	9

Bill To	
Red River Groundwater Conservation P O Box 1214 Sherman, Tx 75091	

P.O. No.	Terms	Project		
	Net 30			

			110130		
Quantity	Description		Rate		Amount
1	1/12 billing for all GMA8 expenses NTGCD has incurred in	in 2011		524.78	624.78
	·				
·					
				Market when the two personal Laboratories property	
lease remit to above	ve address.		Total		\$624.78

Actual
2011 Groundwater Management Area 8 Expenses

	CC	JWC	Mileage	Supplies
January	*******	-		
February	\$70.00	for our day	****	
March		~~~		
April	\$647.50	\$320.00	\$87.21	
May .	\$140.00	-	\$199.96	
June	\$840.00	\$560.00		
July	\$175.00	****	·	-
August	\$175.00	****	dir m. no	
September	\$840.00	\$480.00		
October	\$560.00	-	-	\$247.52
November	\$717.00	and the same of th	\$132.60	Ar-11,02
December	\$770.00	\$480.00		\$55.55
Subtotals	\$4,934.50	\$1,840.00	\$419.77	\$303.07
Total Expenses Cost per GCD	\$7,497.34 \$624.78			





RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE:

March 6, 2012

SUBJECT:

AGENDA ITEM NO. V

Receive and Discuss Report Provided by Tim Morris, P.E.

ISSUE

Tim Morris, P.E., has provided a white paper on "A Method to Apply 'Unreasonable Impact' Criteria to Proposed Wells"

BACKGROUND

The Board has a prerequisite in its Temporary Rules that requires an applicant to provide information to demonstrate that "All new non-exempt wells must provide sufficient hydrogeologic information to the District to demonstrate that the new well will not unreasonably impact exempt or non-exempt wells in the vicinity of the proposed well that are registered with the District at the time the new non-exempt well registration is administratively complete. The District will adopt hydrogeologic criteria for use by well registration applicants in the implementation of this subsection no later than April 1, 2012."

OPTIONS/ALTERNATIVES

This is one possible method of addressing the impact on adjacent wells from a new proposed well.

CONSIDERATIONS

This proposal might offer a possible guide to the Board.

STAFF RECOMMENDATIONS

Mr. Morris will be invited to attend the Board meeting to explain his suggestions for determining pumping impact on adjacent wells.

ATTACHMENTS

February 29, 2012 white paper and graphs illustrating pumping rates and equivalent 5-year drawdown at existing well, in test.

PREPARED AND SUBMITTED BY:

Jerry W. Chapman General Manager

A METHOD TO APPLY "UNREASONABLE IMPACT" CRITERIA TO PROPOSED WELLS

Section 4.2(e) of the Temporary Rules for Water Wells promulgated by the Red River Groundwater Conservation District on August 29, 2011, provides that "All new non-exempt wells must provide sufficient hydro-geologic information to the District to demonstrate that the new well will not unreasonably impact exempt or non-exempt wells in the vicinity of the proposed well that are registered with the District.... The District will adopt hydro-geologic criteria for the use by well registration applicants in the implementation of this subsection"

Because the aquifers of the District in all significant respects are confined aquifers, the impact on an existing well by a proposed well will be a reduction of fluid pressure that will be reflected by a decline in the static and pumping levels in the existing well. The minimal effect at an existing well will be an increase in power consumption to sustain production. More significant changes can necessitate lowering or replacement of pumping equipment.

Water moves in a confined aquifer from areas of high fluid pressure to areas of lower fluid pressure. A pumping well will lower fluid pressure at its location and water will move toward it. The ability of water to move through an aquifer is reflected by its "transmissivity." For any fixed pumping rate, high transmissivity will require less energy (thus less decline in the fluid pressure) than lower transmissivity.

The predominant water bearing geologic structures in the District are sands and sandstones. These sands and sandstones are similar in grain size but they vary in thickness. The transmissivity of a formation at a particular location is proportional to the thickness of the sand at that location. Transmissivities in the District vary from less than 500 gpd/ft to over 30,000 gpd/ft. (*Transmissivity is usually reported in units of gpd/ft by the water well industry and in units of ft^2/day by hydro-geologists. 7.48 gpd/ft = 1 ft^2/day*)

Because of these transmissivity differences, a well pumped at 200 gpm at one location will have an entirely different impact on fluid pressure than a 200 gpm well at another location. Because concern for the resources of confined aquifers is universally expressed in terms of water levels (meaning fluid pressure), it is appropriate that the District adopt criteria for new wells that equilibrate the impact on fluid pressures at existing wells based on the natural variation of transmissivity in the aquifers.

Decline in fluid pressure (drawdown, dd) is related to pumping rate (Q) and transmissivity (T) by:

$$dd = f x (Q / T)$$

where f = a factor related to time and distance. This relationship shows that if Q and T are maintained at some ratio, drawdown can be made to remain somewhat constant. This

concept is the basis for proposed criteria to prevent "unreasonable impact" on existing wells by proposed wells.

There are 2 charts attached to this report. Chart I relates drawdown at an existing well to the distance from the existing well to a proposed well. Chart II relates pumping rate, Q, at a proposed well to the transmissivity, T, at the proposed well such that the drawdown relationship of Chart I can be maintained.

It is intuitive that the closer a proposed well is to an existing well, the greater will be the impact of the proposed well on the existing well. Consequently, the distance from the existing well to the proposed well is an important consideration. It is also true that the fluid pressure at a well will continue to decline (the drawdown will increase) as long as a well is pumped.

In a pumping well, drawdown will occur in "half-steps", meaning that whatever the drawdown was in the first year, it will be about half that much in the next year. Given this pattern of "half-steps", after about 5 years annual increases in drawdown will be near 1 foot a year and those changes will not be within the precision of typical water level measuring techniques. It is suggested then, that the 5-year drawdown be a criterion for determining "unreasonable impact."

Chart I shows what the 5-year drawdown might be in an existing well if a proposed well is placed a specified distance away and the proposed well conforms to the transmissivity and pumping rate conditions indicated by the table at the upper right of the chart.

The black, upper, line on Chart I is generally indicative of typical existing wells in the District. The red, lower, line represents a more restrictive condition. It is suggested that the District select a drawdown characteristic for Chart I that is consistent with its determination of "unreasonable impact" on existing wells.

Chart II is the administrative tool by which the drawdown criterion can be implemented. When a water well is completed, it will be pumped to determine yield and drawdown characteristics. The pump test data can be used to calculate a transmissivity value. When that transmissivity value is reported to the District staff, the staff member can draw a line upward on Chart II from the transmissivity value to intersect the "unreasonable impact" line. From that intersection, a line can be drawn horizontally to the left to intersect the vertical axis of the chart where a pumping rate that is consistent with the District criterion can be read. The staff member can then conclude that a pumping rate for the proposed well at or below the amount indicated by the chart will not pose "unreasonable impact."

Parenthetically, it can be considered that when a well consistently operates part of a day and then rests part of the day, the drawdown will be less than it would be if the well operated continuously. My investigations indicated that the drawdown in a well operating 12 hours on and 12 hours off will be about 80% of the drawdown given continuous operation. If the well operates 8 hours and rests 16 hours, the drawdown will

still be 60% of the continuous condition. Because the drawdown from intermittent operation is significant relative to continuous operation and because the District cannot effectively regulate pumping patterns, it is suggested that projections for regulatory purposes be made according to continuous operation of wells.

Before making a final determination of "unreasonable impact" criteria, the District will wish to examine other factors. Initially, the District should subject this proposal to independent technical scrutiny to test its validity. If it is found valid, then the criteria should be more fully developed for exempt wells, areas with very low and very high transmissivities, areas of the aquifers that may be unconfined, and for other differing characteristics. Most likely, "unreasonable impact" will largely be judged according to the additional costs to owners of existing wells that may be attributable to proposed wells.

Timothy L. Morris, P.E. February 29, 2012

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11.0 LIMITATIONS OF MODEL

This model is useful for evaluating the regional response of the Trinity/Woodbine aquifer to hydrologic stresses. It is recommended that it be used and results evaluated only by qualified groundwater professionals.

The relatively coarse cell size (one square mile) necessitates the averaging of spatial data and requires the introduction of many assumptions when constructing parameter datasets, precluding the accurate simulation of small-scale phenomenon. This includes spatial averaging of ground levels, aquifer hydraulic properties, evapotranspiration, and other hydrogeologic controls.

All regional groundwater systems incorporate rocks of varying hydraulic properties. However, several of the designated layers in the model are carbonate karst systems in some portions of the study area. Karst systems are typically characterized by extreme variations in hydraulic characteristics and often incorporate conduit flow that can significantly impact the flow dynamics of the groundwater system. The modeling approach used herein treats the karst systems as a more uniform porous media. As such, the modeled karstic systems represent estimated average conditions over regional-scale areas. Local, near-surface fractures can accept relatively larger amounts of recharge and facilitate short-term baseflow discharge. Such phenomena are beyond the resolution of this model.

The spatial averaging of ground level elevations assigned to outcrop cells also serves to smooth the topography input into the model, diminishing the hydraulic gradient between highlands and the streams, which in turn reduces the simulated baseflow. For this and a variety of other reasons, the model should not be used to assess groundwater-surface water interaction except in a very general manner. While surface-groundwater flow components are included in the water budget, they are very general in nature and more useful in indicating the approximate direction or magnitude of the groundwater-surface water flux than particular volumes or rates. In other words, the model should not be used to evaluate the specific or detailed impacts of pumpage on individual streams, rivers, or environments.

The model was not designed to be used for the estimation of individual well yields, nor the design of local well fields. Similarly, the model should not be used to determine the drawdown resulting from pumpage at a single location, in a well, or in areas where the local simulated water levels are likely distorted by model boundary effects or the relatively coarse discretization of the model grid.

Accurate reproduction of the complex internal stratification and structure of the individual hydrostratigraphic units was not possible in many areas because each of the individual

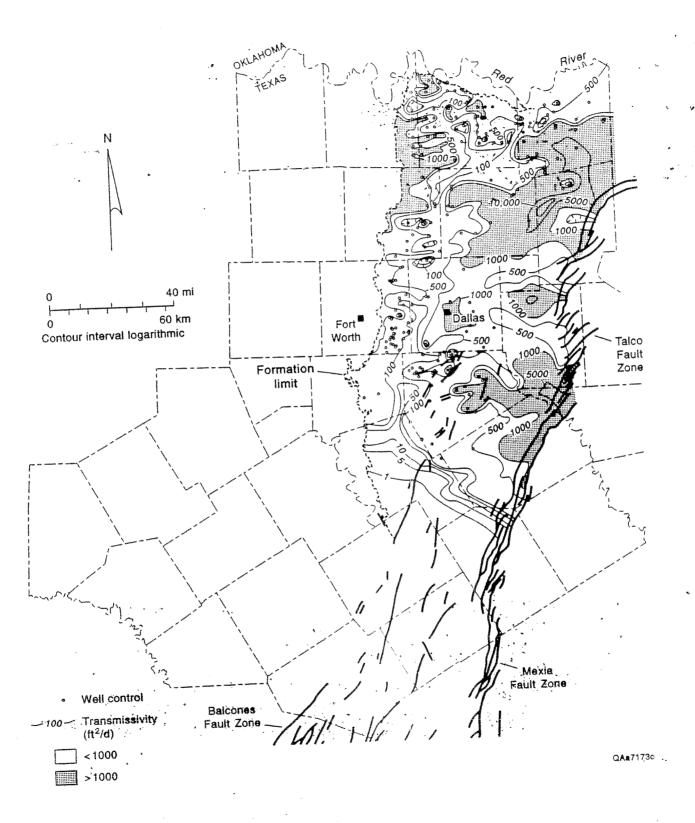


Figure 28. Aquifer transmissivity in the Woodbine Formation mapped on the basis of aquifer tests in wells and sandstone-thickness maps.

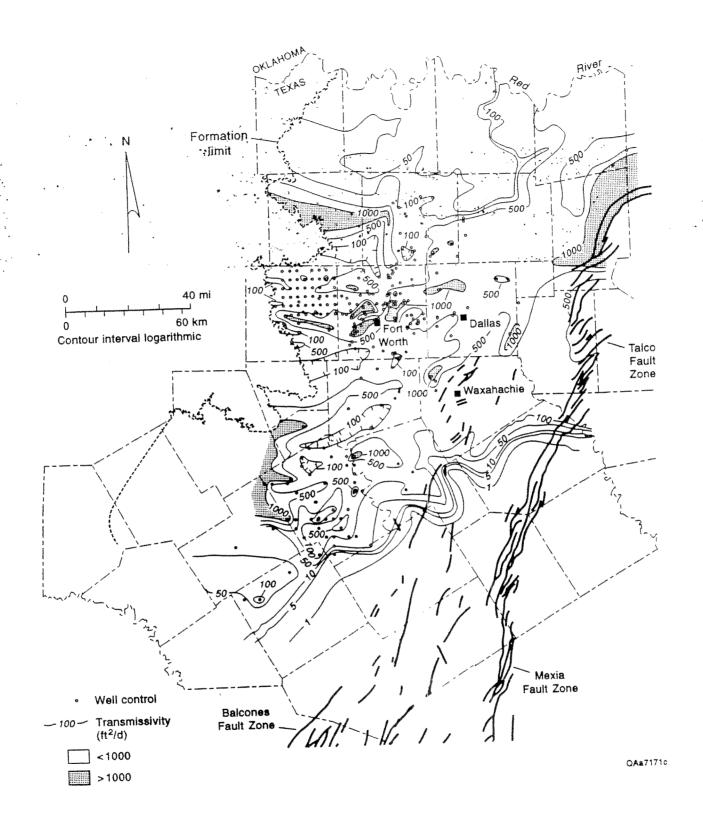


Figure 27. Aquifer transmissivity in the Paluxy Formation mapped on the basis of aquifer tests in wells and sandstone-thickness maps.

ATTACHMENT VI – MANAGEMENT PLAN



RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE:

March 6, 2012

SUBJECT:

AGENDA ITEM NO. VI.

Review Management Plan / Authorize Modifications if Needed and Authorize Submission to the Texas Water Development Board for Pre-Review

ISSUE

Bill Hutchison has prepared the District's draft Management Plan, incorporating the information discussed during the February Work Session into the Plan.

BACKGROUND

This Management Plan was drafted subsequent to the Work Session held during February. Criteria discussed during that meeting has been placed in the Plan.

OPTIONS/ALTERNATIVES

The Plan needs to be reviewed by the Texas Water Development Board. The Board has the option of making changes to the Plan.

CONSIDERATIONS

The major consideration in the adoption of this Management Plan is time. The Plan is supposed to be adopted within 36 months of the creation of the District.

STAFF RECOMMENDATIONS

Unless the Board has concerns the staff recommends approving the draft Management Plan and submittal to the Texas Water Development Board for pre-review.

ATTACHMENTS

Draft Management Plan

PREPARED AND SUBMITTED BY:

Jerry W. Chapman General Manager

Red River Groundwater Conservation District

Groundwater Management Plan

Adopted - ????

Red River Groundwater Conservation District

Groundwater Management Plan – 2012

The Red River Groundwater Conservation District (the "District") was created by the 81st Texas Legislature under the authority of Section 59, Article XVI, of the Texas Constitution, and in accordance with Chapter 36 of the Texas Water Code ("Water Code"), by the Act of May 25, 2009, 81st Leg., R.S., ch. 248, 2009 Tex. Gen. Laws 686, codified at Tex. Spec. Dist. Loc. Laws Code Ann. ch. 8856 ("the District Act").

The District is a governmental agency and a body politic and corporate. The District was created to serve a public use and benefit, and is essential to accomplish the objectives set forth in Section 59, Article XVI, of the Texas Constitution. The District's boundaries are coextensive with the boundaries of Fannin and Grayson Counties, Texas, and all lands and other property within these boundaries will benefit from the works and projects that will be accomplished by the District.

District Mission

The Mission of the Red River Groundwater Conservation District is to develop rules to provide protection to existing wells, prevent waste, promote conservation, provide a framework that will allow availability and accessibility of groundwater for future generations, protect the quality of the groundwater in the recharge zone of the aquifer, insure that the residents of Fannin and Grayson Counties maintain local control over their groundwater, and operate the District in a fair and equitable manner for all residents of the District.

The District is committed to manage and protect the groundwater resources within its jurisdiction and to work with others to ensure a sustainable, adequate, high quality and cost effective supply of water, now and in the future. The District will strive to develop, promote, and implement water conservation, augmentation, and management strategies to protect water resources for the benefit of the citizens, economy and environment of the District. The preservation of this most valuable resource can be managed in a prudent and cost effective manner through conservation, education, and management. Any action taken by the District shall only be after full considerations and respect has been afforded to the individual property rights of all citizens of the District.

Purpose of Management Plan

The 75th Texas Legislature in 1997 enacted Senate Bill 1 ("SB 1") to establish a comprehensive statewide water planning process. In particular, SB 1 contained provisions that required groundwater conservation districts to prepare management plans to identify the water supply resources and water demands that will shape the decisions of each district. SB 1 designed the management plans to include management goals for each district to manage and conserve the groundwater resources within their boundaries. In 2001, the Texas Legislature enacted Senate

Bill 2 ("SB 2") to build on the planning requirements of SB 1 and to further clarify the actions necessary for districts to manage and conserve the groundwater resources of the state of Texas.

The Texas Legislature enacted significant changes to the management of groundwater resources in Texas with the passage of House Bill 1763 (HB 1763) in 2005. HB 1763 created a long-term planning process in which groundwater conservation districts (GCDs) in each Groundwater Management Area (GMA) are required to meet and determine the Desired Future Conditions (DFCs) for the groundwater resources within their boundaries by September 1, 2010. In addition, HB 1763 required GCDs, to share management plans with the other GCDs in the GMA for review by the other GCDs.

The Red River Groundwater Conservation District's management plan satisfies the requirements of SB 1, SB 2, HB 1763, the statutory requirements of Chapter 36 of the Texas Water Code, and the administrative requirements of the Texas Water Development Board's (TWDB) rules.

Technical District Information Required by Texas Administrative Code

Estimate of Modeled Available Groundwater in District Based on Desired Future Conditions

Texas Water Code § 36.001 defines modeled available groundwater 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".

The joint planning process set forth in Texas Water Code § 36.108 must be collectively conducted by all groundwater conservation districts within the same GMA. The District is a member of GMA 8. GMA 8 adopted DFCs for the Woodbine Aquifer on December 17, 2007, and the northern segment of the Trinity Aquifer on September 17, 2008. The adopted DFCs were then forwarded to the TWDB for development of the MAG calculations. GMA 8 readopted DFCs for the Woodbine and Trinity aquifers on April 27, 2011. The submittal package for the DFCs can be found here:

http://www.twdb.state.tx.us/groundwater/docs/DFC/GMA8_DFC_Adopted_2011-0427.pdf

A summary of the desired future conditions and the modeled available groundwater are summarized below.

	Fannin	County	Grayson	County	
Aquifer	Desired Future Condition	Modeled Available	Desired Future Condition	Modeled Available Groundwater (AF/yr)	
	Average Drawdown in 2050 (ft) from estimated 2000 conditions	Groundwater (AF/yr)	Average Drawdown in 2050 (ft) from estimated 2000 conditions		
Woodbine	186	3,297	28	12,087	
Paluxy	212	288	175	4,708	
Glen Rose	196	0	161	0	
Hensell	182	203	160	2,345	
Hosston	181	209	165	2,346	
Total		3,997		21,486	

Amount of Groundwater Being Used within the District on an Annual Basis

Please refer to Appendix A.

Annual Amount of Recharge From Precipitation to the Groundwater Resources within the District

Please refer to Appendix B.

Annual Volume of Water that Discharges from the Aquifer to Springs and Surface Water Bodies

Please refer to Appendix B.

Estimate of the Annual Volume of Flow into the District, out of the District, and Between Aquifers in the District

Please refer to Appendix B.

Projected Surface Water Supply within the District

Please refer to Appendix A.

Projected Total Demand for Water within the District

Please refer to Appendix A.

Water Supply Needs

Please refer to Appendix A.

Water Management Strategies

Please refer to Appendix A.

Methodology to Track District Progress in Achieving Management Goals

An annual report ("Annual Report") will be created by the general manager and staff of the District and provided to the members of the Board of the District. The Annual Report will cover the activities of the District including information on the District's performance in regards to achieving the District's management goals and objectives. The Annual Report will be delivered to the Board within ninety (90) days following the completion of the District's fiscal year, beginning with the fiscal year that started on September 1, 2011. A copy of the Annual Report will be kept on file will be available for public inspection at the District's offices upon adoption.

Actions, Procedures, Performance, and Avoidance for District Implementation of Management Plan

The District is currently operating pursuant to a set of temporary rules adopted on August 29, 2011. The temporary rules were adopted under the authority of Sections 36.101 and 36.1071(f), Texas Water Code, and the District Act for the purpose of conserving, preserving, protecting, and recharging groundwater in the District in order to prevent subsidence, prevent degradation of water quality, prevent waste of groundwater, and to carry out the powers and duties of Chapter 36, Texas Water Code, and the District Act.

These rules are used by the District in the exercise of the powers conferred on the District by law and in the accomplishment of the purposes of the law creating the District. These rules may be used as guides in the exercise of discretion, where discretion is vested. However, under no circumstances and in no particular case will they or any part therein, be construed as a limitation or restriction upon the District to exercise powers, duties and jurisdiction conferred by law. These rules create no rights or privileges in any person or water well, and shall not be construed to bind the Board in any manner in its promulgation of the District Management Plan, amendments to these Temporary Rules, or promulgation of permanent rules.

The District may amend the District rules as necessary to comply with changes to Chapter 36 of the Texas Water Code and to insure the best management of the groundwater within the District. The development and enforcement of the rules of the District has been and will continue to be based on the best scientific and technical evidence available to the District.

The District has encouraged and will continue to encourage public cooperation and coordination in the implementation of the management plan for the District, as it is amended. All operations and activities of the District have been and will be performed in a manner that best encourages cooperation with the appropriate state, regional or local water entity. The meetings of the Board of the District are noticed and conducted at all times in accordance with the Texas Open Meetings Law. The District has also made available for public inspection all official documents, reports, records and minutes of the District pursuant with the Texas Public Information Act and will continue to do so in the future.

Management Goals

A. Providing the Most Efficient Use of Groundwater

- **A. 1.** Objective The District will require all new water wells that are constructed within the boundaries of the District to be registered with the District pursuant to the District Rules.
- **A. 1.** <u>Performance Standard</u> The number of water wells registered by the District for each year will be included in the Annual Report submitted to the Board of Directors of the District.
- **A. 2.** Objective At least once each year, the District will evaluate the District Rules to identify whether any amendments are needed to reduce the amount of waste of groundwater within the boundaries of the District.
- **A. 2.** Performance Standard The District will include a discussion of the annual evaluation of the District Rules and the determination of whether any amendments to the rules are needed to prevent the waste of groundwater in the Annual Report of the District provided to the Board of Directors.

B. Controlling and Preventing Waste of Groundwater

- **B. 1.** Objective The District will annually provide information to the public on eliminating and reducing wasteful practices in the use of groundwater by publishing information on groundwater waste reduction on the District's website at least once a year.
- **B. 1.** Performance Standard A copy of the information on groundwater waste reduction will be provided on the District's website and the information on the published on the website will be included in the District's Annual Report to be provided to the District's Board of Directors.

- **B.2** Objective The District will encourage the elimination and reduction of groundwater waste through the collection of a water-use fee for nonexempt production wells within the District.
- **B.2** Performance Standard Annual reporting of the total fees paid and total groundwater used by non-exempt wells will be included in the Annual Report provided to the Board of Directors.

C. Controlling and Preventing Subsidence

This goal is not applicable to the Red River Groundwater Conservation District.

D. Conjunctive Surface Water Management Issues

- **D.1** Objective Each year the District will participate in the regional water planning process by attending at least one of Region C Regional Water Planning Group Meetings to encourage the development of surface water supplies to meet the needs of water user groups within the District.
- **D.1** Performance Standard The attendance of a District representative at any Regional Water Planning Group meeting will be noted in the Annual Report provided to the Board of Directors.

E. Natural Resource Issues

This goal is not applicable to the Red River Groundwater Conservation District.

F. Drought Conditions

- **F. 1.** Objective On a monthly basis, the District will download the updated Palmer Drought Severity Index (PDSI) map and update the district's rainfall map that are posted on the district's website:

 http://www.redriverged.org/Conservation.html
- **F. 1.** Performance Standard Quarterly, the District will make an assessment of the status of drought in the District and prepare a quarterly briefing to the Board of Directors. The downloaded PDSI maps and rainfall maps will be included with copies of the quarterly briefing in the District Annual Report that is provided to the Board of Directors.

G. Conservation, Recharge Enhancement, Rainwater Harvesting, and Brush Control

- **G. 1.** Objective (Conservation) The District will submit at least one article regarding water conservation for publication each year to at least one newspaper of general circulation in Fannin and Grayson Counties.
- **G. 1.** Performance Standard (Conservation) A copy of the article submitted by the District for publication to a newspaper of general circulation in Fannin and Grayson Counties regarding water conservation will be included in the Annual Report given to the Board of Directors.
- **G. 2.** Objective (Rainwater Harvesting) The District will provide information on rainwater harvesting each year by offering new information about rainwater harvesting on the least once each year.
- **G.2.** Performance Standard (Rainwater Harvesting) The District's Annual Report will provide a copy of the information on rainwater harvesting which has been posted on the District web site in the previous year.
- **G. 3.** Objective (Brush Control) The District will evaluate the State Brush Control Plan as it is revised from time to time at least once each year to determine whether projects within the District will increase the groundwater resources of the District.
- **G. 3.** Performance Standard (Brush Control) Upon review of a newly revised State Brush Control Plan, the District's Annual Report will include a copy of the most recent brush control information pertaining to the District.

Goals related to Recharge Enhancement and Precipitation Enhancement are not applicable to the Red River Groundwater Conservation District.

H. Addressing in a Quantitative Manner the Desired Future Conditions

- **H.1** Objective Within 3 years of Groundwater Management Plan adoption, develop a Groundwater Monitoring Program within the District.
- **H.1** Performance Standard Upon development, attachment of the District Groundwater Monitoring Program to the District's Annual Report to be given to the District's Board of Directors.
- H.2 <u>Objective</u> Once the District's Monitoring Program has been approved, conduct water level measurements at least annually on wells within the District.
- H.2 <u>Performance Standard</u> Annual evaluation of water-level trends and the adequacy of the monitoring network to monitor aquifer conditions within the District and comply with the aquifer resources desired future conditions. The evaluation will be included in the District's Annual Report to be given to the District's Board of Directors.

- **H.3** Objective Monitor non-exempt pumping within the District for use in evaluating District compliance with aquifer desired future conditions.
- **H.3** Performance Standard Annual reporting of groundwater used by nonexempt wells will be included in the Annual Report provided to the District's Board of Directors.

APPENDIX A

Estimated Historical Water Use And 2012 State Water Plan Datasets:

Red River Groundwater Conservation District by Stephen Allen Texas Water Development Board Groundwater Resources Division Groundwater Technical Assistance Section (512) 463-7317

February 13, 2012

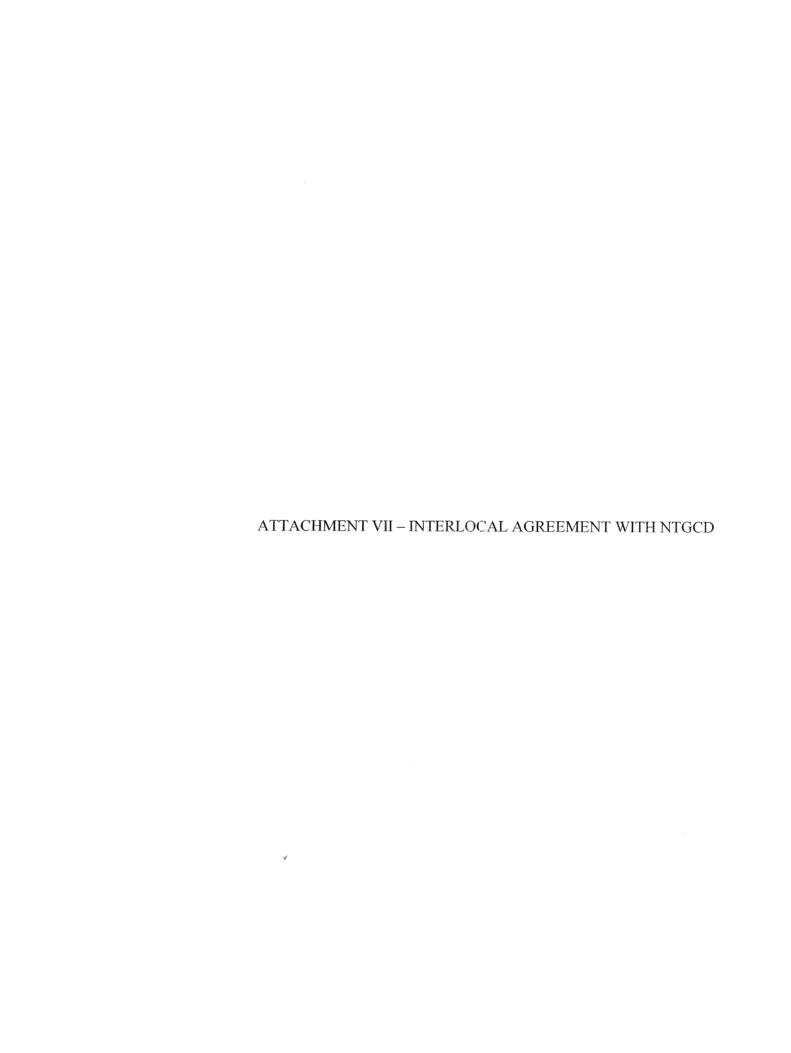
APPENDIX B

GAM Run 10-032

By Mohammad Masud Hassan P.E.

Texas Water Development Board Groundwater Availability Modeling Section (512) 463-3337

September 29, 2010





RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: March 8, 2012

SUBJECT: AGENDA ITEM NO. VII

Consider and Act Upon Cost Sharing Agreement with North Texas Groundwater Conservation District for Accounting Software

ISSUE

Red River Groundwater Conservation District needs to incorporate software to allow for billing and accounting of funds associated with the wells charged for production of water. The Board approved the purchase of a software package from USTI called ASYST Accounting Program at a cost of not to exceed \$10,500 depending upon whether or not all of the training options offered are needed.

BACKGROUND

USTI has allowed the Red River Groundwater Conservation District to share costs of an accounting software package that works with the well database software for billing and accounting of funds received. An agreement has been drafted for consideration of sharing the costs for this software with North Texas Groundwater Conservation District.

OPTIONS/ALTERNATIVES

The District can determine that it does not desire to share the use of this software program with another District.

CONSIDERATIONS

Sharing the cost of the software will reduce the cost of the ASYST accounting package by 50%.

STAFF RECOMMENDATIONS

Staff recommends the cost of the accounting system be shared between Red River Groundwater Conservation District and North Texas Groundwater Conservation District.

ATTACHMENTS

Draft agreement

PREPARED AND SUBMITTED BY:

Jerry W. Chapman General Manager

AGREEMENT TO SHARED COSTS ASSOCIATED WITH ACCOUNTING SOFTWARE LICENSED BY UNITED SYSTEMS TECHNOLOGY, INC. BETWEEN

THE NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT AND

THE RED RIVER GROUNDWATER CONSERVATION DISTRICT

STATE OF TEXAS

\$ STATE OF TEXAS

NORTH TEXAS GROUNDWATER
CONSERVATION DISTRICT

\$ CONSERVATION DISTRICT

This Agreement, made and entered into by and between the North Texas Groundwater Conservation District in Collin, Cooke, and Denton Counties, Texas (hereinafter referred to as "NTGCD"), and the Red River Groundwater Conservation District in Fannin and Grayson Counties, Texas (hereinafter referred to as "RRGCD"),

WITNESSETH:

WHEREAS, the NTGCD, a groundwater conservation district created under Article XVI, Section 59 of the Texas Constitution, and the RRGCD, a groundwater conservation district created under Article XVI, Section 59 of the Texas Constitution, have a need for an accounting program to meet their respective activities;

WHEREAS, the NTGCD and the RRGCD have examined a software program licensed by United Systems Technology Incorporated of Carrollton, Texas (hereinafter referred to as "USTI");

WHEREAS, ASYST is a software program licensed by USTI: and

WHEREAS, the NTGCD and the RRGCD have determined the sharing of the cost for the ASYST programs is in their mutual interest;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, and of the terms and conditions hereinafter set forth, the parties agree as follows:

- 1. NTGCD will purchase the ASYST software program and license from USTI with the authorization and intent to share this program with the RRGCD.
 - 2. RRGCD will pay the NTGCD fifty percent (50%) of the cost of the ASYST program.
- 3. NTGCD and RRGCD will pay USTI for one hundred percent (100%) of their respective annual individual service and maintenance fees.
- 4. In the event that either RRGCD or NTGCD should determine that it no longer desires to share the ASYST program and license with the other District, the District seeking to terminate

the ASYST program and license will pay the other District an amount equal to fifty percent (50%) of the value of the ASYST program and license, at which time the NTGCD and RRGCD cease to share the program.

IN WITNESS WHEREOF, the parties hereto have caused the signatures of their legally authorized representatives to be affixed hereto, having been duly approved by the respective governing bodies and effective on the last date of execution as set forth below.

Secretary-Treasurer	Secretary-Treasurer		
ATTEST:	ATTEST:		
DATE:	DATE:		
President	President		
BY:	BY:		
GAINESVILLE TX 76241-0508	SHERMAN TX 75091-1214		
PO BOX 508	PO BOX 1214		
CONSERVATION DISTRICT	CONSERVATION DISTRICT		
NORTH TEXAS GROUNDWATER	RED RIVER GROUNDWATER		





RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: March 7, 2012

SUBJECT: AGENDA ITEM NO. VIII

Consider and Act Upon Invoice for GMA8 Expenditures for 2011

ISSUE

GMA8 has provided an invoice for the expenditures during 2011 for each district, at \$624.78. Board President Henderson requested that an item be placed on the agenda for this month's meeting to discuss and possibly act upon Red River Groundwater Conservation District's portion of these expenditures.

CONSIDERATIONS

The Board may want to consider payment of the Red River Groundwater Conservation District's portion of these expenditures, in the amount of \$624.78.

ATTACHMENTS

Invoice No. 9, dated 2/28/2012.

PREPARED AND SUBMITTED BY:

Jerry W. Chapman General Manager

NORTH TEXAS GROUNDWATER

P O Box 508 Gainesville Tx 76241

Invoice

Date	Invoice #
2/28/2012	9

Bill To	
Red River Groundwater Conservation P O Box 1214 Sherman, Tx 75091	

P.O. No.	Terms	Project
	Net 30	

1 1/12 billing for all GMA8 expenses NTGCD has incurred in 2011 624.78 624 see remit to above address.	_					
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	se remit to abo	ove address.				
\$624.78				Total		\$624.78

Actual
2011 Groundwater Management Area 8 Expenses

	CC	JWC	Mileage	Supplies
January				
February	\$70.00		***	
March			-	- To the sign
April	\$647.50	\$320.00	\$87.21	Min No.
May .	\$140.00	*****	\$199.96	
June	\$840.00	\$560.00		
July	\$175.00	date day again	Marine Marine	
August	\$175.00		*	***
September	\$840.00	\$480.00		****
October	\$560.00			\$247.52
November	\$717.00		\$132.60	7
December	\$770.00	\$480.00	400 (400 400)	\$55.55
Subtotals	\$4,934.50	\$1,840.00	\$419.77	\$303.07
Total Expenses Cost per GCD	\$7,497.34 \$624.78			



RED RIVER GROUNDWATER CONSERVATION DISTRICT BUDGET YEAR 2012

Income	Amended Budget 2011	Actual 6/30/2011	PROPOSED Budget 2012
46002 GW Production Cost	150,000.00	44,938.64	450,000,75
Total Income	150,000.00	44,938.64	450,999.75 450,999.75
Gross Profit	150,000.00	44,938.64	450,999.75
Expense			
77010 ADMINISTRATIVE COS	95,888.00	46,084.31	100 000 00
77030 ACCOUNTING	1,692.00	780.00	100,000.00
77033 ADS-LEGAL	1,500.00	750.00	4,300.00
77027 AUDITING			1,000.00
77855 CONTRACT SERVICES	31,000.00		5,000.00
77040 DIRECT COST	5,000.00	2,070.55	260,000.00
77450 DUES & SUBSCRIPTIC	1,000.00	2,070.55	5,000.00
77550 EQUIPMENT	570.00		1,000.00
77555 FEES-GMA8	537.50		19,150.00
77035 FIELD PERSON \			4,231.25
77610 FUEL			28,661.50
77810 INSURANCE & BONDII	2,312.50		5,000.00
77970 LEGAL	7,500.00		3,907.00
78010 MEETINGS AND CONF	2,000.00	997.62	10,000.00
78750 TELEPHONE	1,000.00	421.35	, 2,000.00
Total Expense	150,000.00	50,353.83	1,750.00
Net Income	0.00	<u>-5,415.19</u>	450,999.75

GROUNDWATER MANAGEMENT AREA 8 PROPOSED BUDGET						
REVENUES	2011 Approved	2012 Proposed				
Funding from GCDs	\$4,300.00	\$33,850.00				
Total Revenues	\$4,300.00	\$33,850.00				
EXPENSES	2011	2012				
	Proposed	Proposed				
Administrative Expenses						
Office Supplies	\$250.00	\$500.00				
Printing	\$250.00	\$500.00				
Postage	\$200.00	\$250.00				
Miscellaneous	\$100.00	\$100.00				
Total Administrative Expenses	\$800.00	\$1,350.00				
Contract Services						
Legal	\$1,000.00	\$2,500.00				
Administrative Support	\$2,500.00	\$5,000.00				
Hydrology	\$0.00	\$25,000.00				
Total Contract Services Expenses	\$3,500.00	\$32,500.00				
Total Expenses	\$4,300.00	\$33,850.00				
Revenue Over Expenses	\$0.00	\$0.00				
Cost per GCD	\$358.33	\$2,820.83				

12 districts





RED RIVER GROUNDWATER CONSERVATION DISTRICT AGENDA COMMUNICATION



DATE: March 12, 2012

SUBJECT: AGENDA ITEM NO. IX

Consider and Act Upon Amendment to Temporary Rules

ISSUE

Rule 4.2 of the Temporary Rules adopted on August 29, 2011 included a provision that specified that sufficient hydrogeologic information would be adopted by the Board to determine well spacing for non-exempt wells by April 1, 2012.

BACKGROUND

At the meeting in February, the Board authorized the staff to modify the Temporary Rules to extend the date for establishing sufficient hydrogeologic information to determine well spacing for non-exempt wells to April 2014. The public hearing is scheduled for 1:30 PM on March 21st for consideration of this amendment to the Temporary Rules.

CONSIDERATIONS

In order to modify the Temporary Rules before the April 1, 2012 date, the Board may wish to consider approving the modification to the Temporary Rules to extend the date to April 1, 2014.

ATTACHMENTS

Proposed amendment to Rule 4.2 of the Temporary Rules.

PREPARED AND SUBMITTED BY:

Jerry W. Chapman General Manager

PROPOSED AMENDMENTS TO THE TEMPORARY RULES OF THE RED RIVER GROUNDWATER CONSERVATION DISTRICT

Set forth below are proposed amendments to the temporary rules of the Red River Groundwater Conservation District. The proposed changes would amend District Temporary Rule 4.2(e) related to the spacing and location of new wells to extend the deadline for the District's Board to adopt hydrogeologic criteria for use by well registration applicants to no later than April 1, 2014.

Rule 4.2 Spacing and Location of New Wells.

(e) All new non-exempt wells must provide sufficient hydrogeologic information to the District to demonstrate that the new well will not unreasonably impact exempt or non-exempt wells in the vicinity of the proposed well that are registered with the District at the time the new non-exempt well registration is administratively complete. The District's Board will adopt hydrogeologic criteria for use by well registration applicants in the implementation of this subsection no later than April 1, 20142.

ADJOURN