

2002-483-422 -G FINAL REPORT

***Brazos G Regional Water Planning Area  
Infrastructure Financing Report***

***Prepared for:***

**Brazos G Regional Water Planning Group**

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11/1/02

GRANTS MANAGEMENT

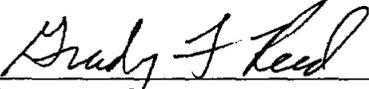
***Prepared by:***

**HDR**  
HDR Engineering, Inc.

**June 2002**

**HDR Engineering, Inc. Project Staff**

  
David Wheelock, Project Manager

  
Grady F. Reed

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## **Section 1**

### ***Introduction***

Senate Bill 2 (77<sup>th</sup> Texas Legislature) requires that an Infrastructure Financing Report (IFR) be incorporated into the regional water planning process. In order to meet this requirement, each regional water planning group (RWPG) is required to examine the funding needed to implement the water management strategies and projects identified and recommended in the region's January 2001 regional water plan. Results of this effort are due to the Texas Water Development Board (TWDB) by June 1, 2002. The TWDB will consolidate the reports from the 16 regional water-planning areas and report to the Texas Legislature no later than October 1, 2002.

## **Section 2**

### ***Objectives of the Infrastructure Financing Report***

The primary objectives of the Infrastructure Financing Report are as follows:

- To determine the number of political subdivisions with identified needs for additional water supplies that will be unable to pay for their infrastructure needs without some form of outside financial assistance;
- To determine how much of the infrastructure costs in the regional water plans cannot be paid for solely using local utility revenue sources;
- To determine the financing options proposed by political subdivisions to meet future water infrastructure needs (including the identification of any State funding sources considered); and
- To determine what role(s) the RWPGs propose for the State in financing the recommended water supply projects.

### **Section 3** **Methods and Procedures**

There are two elements to the Infrastructure Financing Report, as follows: (1) Written surveys, and (2) RWPG policy recommendations on the State's role in financing water infrastructure projects. For the Brazos G Regional Water Planning Area, all municipal water user groups having water needs and recommended water management strategies in the regional plan with an associated capital cost were surveyed using the questionnaire provided by the TWDB (Appendix A). Also included in each survey packet was an informational brochure produced by the TWDB concerning the State Participation program (Appendix A). For individual cities the survey was mailed to the mayor, while for each County-Other aggregate the survey was mailed to the county judge. In addition, for the county aggregated manufacturing water user group, surveys were sent out to selected respondents in McLennan, Johnson, Nolan, and Taylor Counties. For the water user groups based on county aggregates, such as manufacturing or mining, the Brazos G RWPG has included summary recommendations of funding mechanisms for meeting those needs.

The surveys were mailed via first class U.S. Mail, along with supporting documentation prepared by the Brazos River Authority that detailed a water user group's projected demand and supply, and summarized the water management strategies included in the regional plan for that entity. In addition, a site visit was conducted with many of the water user groups by BRA staff to discuss the regional water planning process, review the water user group's water management strategy(ies), and assist in completing the questionnaire. Two follow-up telephone contacts were made with each political subdivision surveyed that did not respond by the due date. The follow-up activity is documented via phone logs (Appendix B).

For the second element of the IFR, the Brazos G RWPG has developed policy statements that respond to the following question:

*What is the proper role(s) for the State in financing water supply projects identified in the approved regional water plan?*

Prior to submission of the Infrastructure Financing Report (IFR) to the TWDB, the Brazos G RWPG adopted the IFR at a meeting posted and held in accordance with the Texas Open Meetings Act with a copy of all materials presented or discussed available for public inspection prior to and following the meeting.

## **Section 4**

### **Survey Responses**

#### **4.1 Survey Responses**

The Brazos G RWPG distributed survey packages to 45 municipal water user groups and received 41 responses, a 91 percent response rate. Copies of the completed surveys and other related documentation are included in Appendix C. As shown in Table 4-1 and Figure 4-1, quantifiable survey responses account for about 49 percent of the estimated capital costs of water management strategies recommended in the Regional Water Plan. Inspection of the bottom line shows that \$147 million (or 19 percent of the total capital costs) cannot be paid for by local utilities using current revenues. In addition, approximately \$379 million (or 51 percent of the total capital costs) is unquantifiable (the utility did not indicate how much could be paid for or how much could not be paid for) or the utility did not respond to the survey. Some entities did not provide quantifiable responses to the survey due to concerns about data accuracy and the potential for the amounts given to be taken out of context. If these two categories are considered together (cannot be paid and unquantifiable/no response) up to 70 percent of the of the estimated costs of water management strategies in the Regional Water Plan cannot be funded solely by local revenue sources, even with State Participation. Hence, \$147 million to \$526 million of outside financial assistance may be necessary to meet water infrastructure needs through year 2050.

Only five (Abilene, Baird, College Station, Round Rock, and Johnson County-Other) of the municipal water user groups surveyed indicated that water management strategies to meet their projected needs could be wholly paid for with local utility revenue sources. Table 4-2 provides a brief summary of responses from all utilities who provided written comments.

Survey respondents identified the following as potential sources of outside funding:

- TWDB State Participation Program;
- USDA Rural Utilities Service Grants;
- State & Federal Funds;
- Community Development Block Grant Program;
- USDA Rural Development Loans;
- U.S. Department of Commerce Economic Development Administration;
- Texas Department of Housing & Community Affairs;

- State Grants; and
- Low Interest Loans from other sources.

#### **4.2 Aggregated Water User Groups**

The entities that make up the county aggregated water user groups of manufacturing, mining, and steam-electric are primarily non-governmental entities. As such, the most likely funding sources for these entities will be cash on hand, loans obtained through private lending institutions, or funds raised through sales of securities. However, funding to implement the strategies contained in the plan for irrigation (brush control, weather modification, and irrigation system conversion) could be provided for through both public and private sectors. For example, the TWDB Agricultural Water Conservation Loan Program is available for individuals who reside in a soil and water conservation district, an underground water conservation district, or an irrigation district. A conservation loan may be used for capital equipment or materials, labor, preparation costs and installation costs to improve water-use efficiency in existing irrigation systems; preparing irrigated land to be converted to dryland conditions; and preparing dryland for more efficient use of natural precipitation. It may also be used for brush control and precipitation enhancement activities.<sup>1</sup>

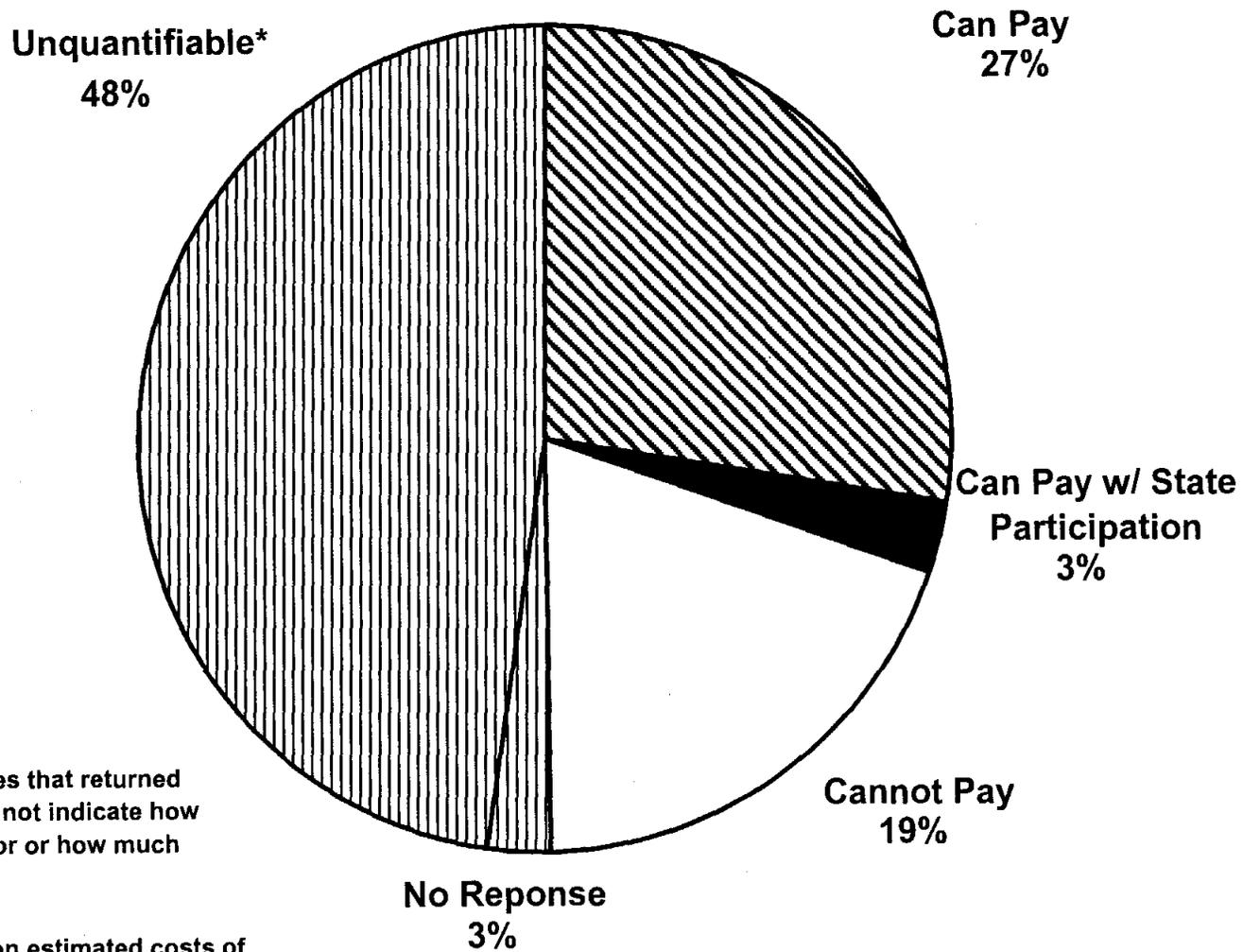
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<sup>1</sup> The funding sources for the county aggregated water user groups were proposed during a Brazos G Finance Committee meeting held on March 14, 2002.

Table 4-1  
Summary of Numerical Responses to Water Infrastructure Survey (Municipal Category Only)<sup>1</sup>  
Brazos G Regional Water Planning Area

Entity	Response Received	Strategy Name	Implementation Date	Capital Cost	Can Pay	Can Pay w/State Participation	Cannot Pay	Unquantifiable or No Response
Abilene	Y	O H Ivie Pipeline	2015	\$60,000,000	\$60,000,000	\$60,000,000	\$0	N/A
Abilene	Y	Wastewater Reuse	2002	\$19,250,000	\$19,250,000	\$19,250,000	\$0	N/A
Alvarado	Y	SWATS Expansion/Voluntary Redistribution	2010	\$2,108,000	\$0	\$0	\$2,108,000	N/A
Baird	Y	Wastewater Reuse	2005	\$254,000	\$254,000	\$254,000	\$0	N/A
Bosque County	Y	Clifton System to Childress Creek	2010	\$827,000	\$0	\$0	\$827,000	N/A
Bosque County	Y	Clifton System to Mustang Valley	2010	\$2,562,000	\$0	\$0	\$2,562,000	N/A
Bosque County	Y	MVWSC tie in to Meridian Off-Channel Reservoir	2010	\$1,610,000	\$0	\$0	\$1,610,000	N/A
Briar Oaks	N	SWATS Expansion/Voluntary Redistribution	2010	\$393,000				\$393,000
Brushy Creek Municipal Utility District	Y	Infrastructure Expansion	2006	\$3,028,000				\$3,028,000
Bryan	Y	Carrizo-Wilcox Development	2030	\$7,639,000				\$7,639,000
Cisco	Y	Battle Creek Diversion to Lake Cisco	2010	\$4,700,000	\$0	\$0	\$4,700,000	N/A
Cisco	Y	Wastewater Reuse	2010	\$396,000	\$0	\$0	\$396,000	N/A
College Station	Y	Carrizo-Wilcox Development	2010	\$20,054,000	\$20,054,000	\$20,054,000	\$0	N/A
Georgetown	Y	Further Development of the Carrizo-Wilcox	2040	\$25,937,123				\$25,937,123
Georgetown	Y	Infrastructure Expansion	2010	\$3,494,000				\$3,494,000
Georgetown	Y	Little River	2040	\$13,992,248				\$13,992,248
Giddings	Y	Further Development of the Carrizo-Wilcox	2010	\$613,000	\$60,000	\$60,000	\$553,000	N/A
Glen Rose	Y	Somervell County Off-channel reservoir	2005	\$8,849,896				\$8,849,896
Godley	Y	SWATS Expansion/Voluntary Redistribution	2010	\$604,000	\$0	\$0	\$604,000	N/A
Granbury	Y	SWATS Expansion	2010	\$25,071,309	\$0	\$0	\$25,071,309	N/A
Grandview	Y	SWATS Expansion/Voluntary Redistribution	2010	\$1,821,000	\$0	\$0	\$1,821,000	N/A
Granger	Y	Further Development of the Carrizo-Wilcox	2010	\$1,237,000	\$0	\$0	\$1,237,000	N/A
Groesbeck	Y	Groesbeck Off-Channel Reservoir	2010	\$4,173,000	\$0	\$0	\$4,173,000	N/A
Haskell	Y	Wastewater Reuse	2010	\$432,124	\$0	\$43,000	\$389,124	N/A
Heame	Y	Carrizo-Wilcox Development	2030	\$609,000	\$91,350	\$91,350	\$517,650	N/A
Hutto	N	Further Development of the Carrizo-Wilcox	2010	\$2,970,000				\$2,970,000
Johnson County	Y	SWATS Expansion/Voluntary Redistribution	2010	\$90,707,000	\$90,707,000	\$90,707,000	\$0	N/A
Joshua	Y	SWATS Expansion	2030	\$2,003,000	\$0	\$0	\$2,003,000	N/A
Keene	Y	SWATS Expansion/Voluntary Redistribution	2010	\$14,328,000	\$0	\$0	\$14,328,000	N/A
Lampasas	Y	Central Texas/Kempner WSC Conveyance Incr	2015	\$5,797,000				\$5,797,000
Lampasas	Y	Wastewater Reuse	2020	\$1,413,000				\$1,413,000
Marlin	Y	Brushy Creek Reservoir	2005	\$5,834,824				\$5,834,824
McGregor	Y	Infrastructure Expansion	2005	\$103,000	\$0	\$0	\$103,000	N/A
McLennan County	Y	Supply from Waco	2005	\$2,724,000	\$0	\$0	\$2,724,000	N/A
Meridian	Y	Meridian Off-Channel Reservoir	2010	\$7,472,000	\$700,000	\$700,000	\$6,772,000	N/A
Merkel	Y	Wastewater Reuse	2000	\$420,008	\$50,000	\$50,000	\$370,008	N/A
Rio Vista	N	SWATS Expansion/Voluntary Redistribution	2010	\$393,000				\$393,000
Robinson	Y	Infrastructure Expansion	2005	\$3,421,000				\$3,421,000
Rockdale	Y	Further Development of the Carrizo-Wilcox	2030	\$250,000	\$50,000	\$50,000	\$200,000	N/A
Round Rock	Y	Infrastructure Expansion	2010	\$1,744,000	\$1,744,000	\$1,744,000	\$0	N/A
Round Rock	Y	Further Development of the Carrizo-Wilcox	2010	\$29,702,000	\$5,000,000	\$5,000,000	\$24,702,000	N/A
Round Rock	Y	Voluntary Redistribution	2020	\$19,730,000	\$0	\$0	\$19,730,000	N/A
Round Rock	Y	Wastewater Reuse	2030	\$19,239,000	\$2,000,000	\$17,239,000	\$2,000,000	N/A
Salado	Y	Southwest Bell County Regional Water System	2008	\$8,296,000				\$8,296,000
Somervell County	N	Somervell County Off-channel reservoir	2005	\$15,783,104				\$15,783,104
Stamford	Y	Wastewater Reuse	2010	\$323,083	\$0	\$0	\$323,083	N/A
Stephenville	Y	Lake Proctor-Upper Leon MWD	2010	\$10,178,000	\$0	\$0	\$10,178,000	N/A
Taylor	Y	Further Development of the Carrizo-Wilcox	2035	\$7,460,000	\$3,000,000	\$5,250,000	\$2,210,000	N/A
Taylor	Y	Infrastructure Expansion	2035	\$7,439,000	\$4,000,000	\$6,500,000	\$939,000	N/A
Throckmorton	Y	New Throckmorton Reservoir	2010	\$7,500,000	\$0	\$0	\$7,500,000	N/A





\* Includes the 10 entities that returned their surveys, but did not indicate how much could be paid for or how much could not be paid for.

\*\* Percentages based on estimated costs of water management strategies, not number of water user groups.

Figure 4-1  
Ability to Pay for Water Management Strategies  
Brazos G Regional Water Plan

<b>Table 4-2</b>	
<b>Survey Responses - Comments and Proposed Options</b>	
<b>Brazos G Regional Water Planning Area</b>	
ABILENE	Recommended water management strategies (O.H. Ivie Pipeline and Wastewater reuse) can be funded using local utility revenue sources.
ALVARADO	Possibly finance through RUS grants and/or more State grants.
BRUSHY CREEK	See response in Appendix C.
BRYAN	The City of Bryan will use whatever resources and means are available and necessary to provide a dependable and safe water source to its citizens, now, and in the future.
CISCO	The City's tax and water rate revenues are currently strained to the maximum. Due to existing water and sewer debt requirements, Cisco has the highest water and sewer bill in the region. Therefore, they would require substantial/complete State or Federal funding.
COLLEGE STATION	College Station anticipates ability to pay for infrastructure required to construct the water management strategy identified on the survey; Carrizo-Wilcox Development. Consideration would be given to various State funding sources on a case-by-case basis.
GEORGETOWN	Without detailed financial planning, the City cannot identify available resources for infrastructure. The City will not increase taxes to leverage revenues.
GIDDINGS	The City could fund more if allowed to do so over several years. The City could fund the entire amount over 10 years with no interest on funds.
GLEN ROSE	The Somervell County Water District is pursuing this project on its own. Glen Rose may purchase water from the District at some point in the future.
GODLEY	Possibly finance through State grants.
GRANBURY	Possibly finance through grants and/or 0% State financing.
GRANGER	The City has no reserve funds for infrastructure.
GROESBECK	On December 3, 2001, the City Council issued \$2,780,000 in Tax and Utility Bonds in order to construct a new water treatment plant and upgrade the wastewater treatment plant and construct a new overhead storage tank. These improvements will enable the City to be in compliance with the new drinking water standards becoming effective in 2002. The rates have been increased (Dec. 01) to enable the City to fund the debt service to repay the bonds. These are twenty year bonds.
HASKELL	Possibly finance through TWDB grants, Dept. of Ag grants, or TDHCA grants.
HEARNE	The most successful programs for the City of Hearne have been community development block grants, received through the Texas Department of Housing and Community Affairs, and Airport Improvement Grants, received through Texas Department of Transportation - Aviation Division.
JOSHUA	Would be interested in taking over JCFWSD; however, would need help in financing.
MCGREGOR	The City disagrees with the water supply planning information. The City has no "savings" account for infrastructure.
MERIDIAN	The City has approximately \$700,000 in reserves for water system expansion. The City could debt service approx. \$2 million given revenue sources.
MERKEL	Possibly financed through a property tax increase or additional charges for water/sewer.
ROBINSON	See response in Appendix C.
ROCKDALE	The City would need to borrow the money. The City's rates were raised substantially in October 1998 to finance a \$1.1 million utility relocation for Hwy. 79 expansion. The City's current rates are therefore committed to debt and maintenance and operation.

<b>Table 4-2</b>	
<b>Survey Responses - Comments and Proposed Options</b>	
<b>Brazos G Regional Water Planning Area</b>	
ROUND ROCK	Local revenue sources are primarily committed to Infrastructure Expansion. May be able to pay 10 to 16 percent of estimated capital cost for Further Development of the Carrizo-Wilcox Aquifer and Wastewater reuse.
SALADO	See response in Appendix C.
STAMFORD	Can finance with 100% State or Federal funding.
STEPHENVILLE	The City will seek any and all financial resources available to assist with the capital costs to supply water for Stephenville. The current water and tax rates are at levels the consumers are not willing to increase.
THROCKMORTON	The City of Throckmorton does not currently have the financial ability to pay for this project. If the reservoir were to be built, it would generate revenue that could be used to pay for some portion of the project; however, most loan programs such as the State Participation Program, require repayment to commence much quicker than any revenue could be realized from the project. The City of Throckmorton supports construction of a reservoir and is interested in any State or Federal funding that may be available.
VALLEY MILLS	The City will apply for a grant from Texas Community Development Program.
WALNUT SPRINGS	Possibly use grants.
WEST	The City of West is in the process of securing surface water from the City of Waco which will be a very costly endeavor for their community. West cannot wait on a regional water plan.
WEST CENTRAL TEXAS MWD	See response in Appendix C.
BOSQUE COUNTY-OTHER	The County is not involved with any part of either system at this time. If the County does get involved, they will need State or Federal funding as a source.
MCLENNAN COUNTY-OTHER	The County is unaware of any funds available at this time.
WILLIAMSON COUNTY-OTHER	There are no options proposed at this time. Would consider any State funding sources available. Williamson County has no utility revenue sources.

## **Section 5**

### **Policy Recommendations**

The Brazos G Regional Water Planning Group recognizes the need for State funding assistance to implement water management strategies in the Brazos G region and throughout the State. The basic philosophy of the Group is that funding assistance programs need to be fair, equitable, and accessible to all. Additionally, assistance programs should be structured to benefit entities that make reasonable efforts within their means to help themselves. Care should be taken so that assistance programs do not create incentives for lack of action. Care should also be taken to minimize the administrative burdens associated with assistance programs. The Group makes the following specific policy recommendations:

- The State Participation Fund should be made more flexible regarding the percent of State Participation and the repayment terms.
- The Texas Rural Water Assistance Fund appears to be an attractive and accessible fund for many rural water suppliers and small cities. It should be supplied with additional funding.
- The Research and Planning Fund should be continued and expanded to include preliminary design (i.e., pre-design, environmental impact statements, environmental studies, data collection and reporting to support permit applications, etc.). The Research and Planning Fund grants should be up to 100 percent. All or portions of the grants could be repaid to the State from project capitalization funds.
- The Drinking Water State Revolving Fund's capitalization should be accelerated. The FY 2002 Drinking Water SRF Water System Priority List identifies 77 projects requesting funding; however, funding was sufficient for only the first six projects. Acceleration of the fund's capitalization will make it more accessible to a larger number of projects.
- The TWDB should ensure that the allocation of funds to its financial assistance programs correlates to the needs of the different types of water suppliers in the state (e.g. regional, rural, urban) in order to maximize benefits of available funds.
- The State should consider implementing a service to monitor, track, and provide information on all state and federal funding programs applicable to water supply. This service should be able to quickly provide guidance and refer entities to potential funding programs that are most appropriate.

**Appendix A:  
TWDB Questionnaire  
&  
TWDB Brochure Concerning the  
State Participation Program**

## WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: \_\_\_\_\_

Name of Political Subdivision: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Title: \_\_\_\_\_

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Background:** On January 5, 2001, Regional Water Planning Groups (RWPGs) all across the State of Texas formally submitted 16 adopted regional water plans to the Texas Water Development Board (TWDB) per requirements of Senate Bill 1 (75<sup>th</sup> Texas Legislature). The adopted regional water plans examined and analyzed the water supply needs for all water users in the State. Based on the analysis, the RWPGs identified water management strategies necessary to ensure a sufficient supply of water for the 50-year planning period. The RWPGs also developed preliminary capital cost estimates for each of the strategies recommended in the approved regional water plan.

Senate Bill 2 (77<sup>th</sup> Texas Legislature) expanded the RWPG's assignment. Senate Bill 2 charges the RWPGs with examining what financial assistance, if any, is needed to implement the water management strategies and projects recommended in the most recently approved regional water plan.

Senate Bill 2 specifically requires that the RWPG report to the TWDB how political subdivisions all across Texas propose to pay for future water infrastructure needs.

The purpose of this survey is to complete this charge with your input.

**Please return the completed survey by JANUARY 31, 2002 to:**

Brad Brunett, Water Services Planning Manager  
Brazos River Authority  
P.O. Box 7555  
Waco, Tx 76714-7555  
(254) 761-3207 facsimile  
E-mail address: [BradB@brazos.org](mailto:BradB@brazos.org)

If you have any questions regarding this survey, please contact:

Brad Brunett at 254-761-3171 or David Collinsworth at 254-761-3165

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

**Name of Political Subdivision:** \_\_\_\_\_

**Water Management Strategy Name** \_\_\_\_\_

**Capital Cost:** \_\_\_\_\_

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

# TEXAS WATER DEVELOPMENT BOARD

P.O. Box 13231  
Capitol Station  
Austin, TX  
78711-3231  
512/463-7847  
FAX 512/475-2053

URL ADDRESS:  
<http://www.twdb.state.tx.us>

E-MAIL ADDRESS:  
[info@twdb.state.tx.us](mailto:info@twdb.state.tx.us)

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## STATE PARTICIPATION

### WHAT IS STATE PARTICIPATION?

Generally, the State Participation Program enables the Board to assume a temporary ownership interest in a regional project when the local sponsors are unable to assume debt for the optimally sized facility. The Board may acquire ownership interests in the water rights or a co-ownership interest of the property and treatment works. The loan repayments that would have been required, if the assistance had been from a loan, are deferred. Ultimately, however, the cost of the funding is repaid to the Board based upon purchase payments which allow the Board to recover its principal and interest costs and issuance expenses, etc., but on a deferred timetable.

The intent of this program is to allow for optimization of regional projects through limited State participation where the benefits can be documented, and such development is unaffordable without State participation. The goal is to allow for the "Right Sizing" of projects in consideration of future growth.

### WHO CAN APPLY FOR THE FUNDS?

Any Political Subdivision of the State and Water Supply Corporations which is sponsoring construction of a Regional water, or wastewater project can apply to the Texas Water Development Board for participation in the project. Although it is not required, the Applicant usually acquires a loan from the TWDB for the community's immediate needs.

### HOW DO I APPLY FOR STATE PARTICIPATION FUNDING?

The Applicant is encouraged to meet with TWDB staff for assistance in the preparation of the application and to discuss the terms of the loan. The applicant must submit an engineering feasibility report and environmental information, as well as general, fiscal and legal application information to the appropriate TWDB regional project manager for staff review.

These application materials must be submitted by the first business day of the month preceding the month during which the applicant desires Board consideration. Completed applications for State Loans are considered by the Board usually in Austin on the third Wednesday of each month, at which time the Board may commit to fund the project.

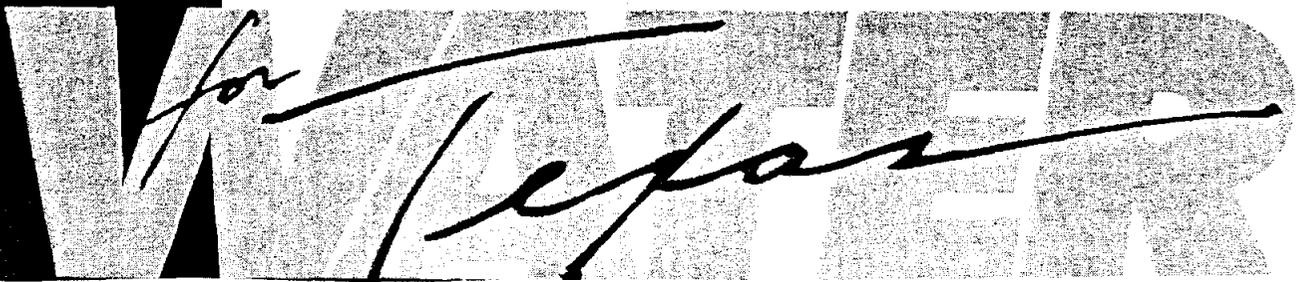
### HOW DOES TWDB GET FUNDS FOR THE PROGRAM?

The State Legislature, recognizing the value in optimizing and "Right Sizing" systems, has appropriated funds to assist local governments in regional optimization projects. The State initially absorbs some of the initial cost of these projects, but ultimately recovers the actual cash expenditure of funds used in providing assistance. As the earlier projects repurchase the Board's interest, there will be additional funds available to future projects.

### WHAT SAVINGS DOES STATE PARTICIPATION PROVIDE?

The benefits to the participant are threefold. First, payments are deferred until the customer base grows into the added capacity facilitated, which will augment the applicant's ability to make the payments to the Board. Second, the Board does not accrue interest on the deferred interest portion thereby reducing the overall carrying cost of the facility for the applicant. Third, optimizing regional projects reduces the necessity and added expense to local governments of building new structures or replacing undersized structures in the future.

These funds are limited in availability both as to total approved by the Legislature each biennium and by limitations to participation in individual projects. The Board's participation



from this program is limited to a maximum of 50% of the project costs and to the portion of the project designated as excess capacity. The remaining costs of the project may be funded through other Board Programs.

There is also a requirement that the project cannot be reasonably financed without state participation assistance, and that the optimum regional development of the project cannot be reasonably financed without the State participation.

### **WHAT ARE THE TERMS OF FINANCIAL ASSISTANCE?**

*Security Instrument:* A Master Agreement will be established to govern the funding arrangements, including provisions for a defined source of revenue which will be used to purchase the State's portion of the facility.

*Pledge:* System revenues and/or tax pledges are typically required. Contract revenue pledges for river authorities and others are possible. The board may subordinate this obligation relative to your debt issuance.

*Length of Board Participation and Repurchase Payments:* Period of useful life of the project facilities being constructed with a maximum financing life of 34 years. Contracts between the Board and the participant includes a repurchase payment schedule which approximates the following:

- 1<sup>st</sup> & 2<sup>nd</sup> Years \$0 interest payable/\$0 principal (interest accrues but deferred as to payment)
- 3<sup>rd</sup> & 4<sup>th</sup> Years @ 20% of accrued int./\$0 principal (80% of accrued int. deferred)
- 5<sup>th</sup> Year @ 30% of accrued interest/\$0 principal (70% of accrued interest deferred)
- 6<sup>th</sup> Year @ 40% of accrued interest/\$0 principal (60% of accrued interest deferred)
- 7<sup>th</sup> Year @ 55% of accrued interest/\$0 principal (45% of accrued interest deferred)
- 8<sup>th</sup> Year @ 70% of accrued interest/\$0 principal (30% of accrued interest deferred)
- 9<sup>th</sup> Year @ 85% of accrued interest/\$0 principal (15% of accrued interest deferred)
- 10<sup>th</sup> through 12<sup>th</sup> Years @ 100% of accrued interest/\$0 principal (No accrued interest deferred)
- 13<sup>th</sup> through 19<sup>th</sup> Years @ all annual accruing interest plus recovery of equal portions of the previously deferred interest each year
- 20<sup>th</sup> through 34<sup>th</sup> Years @ all annual accruing interest plus Principal.

Only when the principal portion of the payment starts is a portion of the Board's ownership transferred.

THE INTENT IN THE SCHEDULE IS TO PRODUCE APPROXIMATELY LEVEL DEBT SERVICE BEGINNING IN THE 13TH YEAR, BUT DEFERRED INTEREST COMPONENT IS RECOVERED PRIOR TO THE APPLICATION OF PAYMENTS TO PRINCIPAL.

*Interest Rates:* While the assistance is not a loan, the purchase requirement is certain as to terms of payment and does include a component of the repurchase cost that includes the interest costs of the Board's funds in financing the project. These rates are based upon the Board's cost of the funds for loans at such time as the Board's acquisition payment is made to establish its participation in the project. Rates are established by maturity for each installment closed approximately 45 days prior to installment closing, and are based upon the Board's TIC composite lending rate scale for State Participation bonds. The rate is set in accordance with the TWDB rules in 31 TAC 363.33(a).

*Fees:* Please be aware that there are fees relating to State Participation Commitments. This is for commitments made for State Participation after 9/01/1999 only. The fee will be \$.77 per \$100 of Participation funds provided.

The fee will be paid at closing in full or a minimum of 1/3 of the fee may be paid at closing. If they choose to pay 1/3 of the fee at closing, the remaining 2/3 of the fee may be arranged in 2 subsequent installments in the first, second or 3rd years based upon terms agreed upon in the individual contracts.

*Conditions to Close:* Environmental Review and Water Conservation Plans in addition to financial conditions. Upon Board commitment a letter is provided detailing all special conditions.

*Applicable Rules:* 31 TAC 363 Subchapter A and F.

### **HERE MAY I GET MORE INFORMATION?**

For further information on the State Loan Program, please contact your areas Region Project Manager of the Texas Water Development Board.

*Our Mission*

*Provide leadership, technical services, and financial assistance to support planning, conservation and responsible development of water for Texas.*

**EQUAL OPPORTUNITY EMPLOYER**

*The Texas Water Development Board does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services, programs or activities.*

**Appendix B:**  
**Follow-up Documentation**

### Water Infrastructure Financing Survey

Name of Political Subdivision: <u>Somervell County</u>		
Contact Person: <u>Walter Maynard</u>	Title: <u>County Judge</u>	
Telephone: <u>254/877-2322</u>	Fax:	E-mail:
Date of Contact: <u>1/22/02</u>		
Method of Contact: (Telephone Call, Facsimile, Etc.) <u>Phone</u>		
Comments: <u>"Will complete"</u> <u>He is working w/ Somervell County Water District</u>		
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?		
What is your current water rate structure?		

### Water Infrastructure Financing Survey

Date of Contact: <del>1-31</del> <u>1-29-02</u>	
Contact Person: <u>Cindy</u>	Title: <u>Sec</u>
Method of Contact: (Telephone Call, Facsimile, Etc.)	
Comments: <u>"Remind Judge"</u>	
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?	
What is your current water rate structure?	

### Water Infrastructure Financing Survey

Name of Political Subdivision: <u>Hutto</u>		
Contact Person: <u>Melissa Perry</u>	Title: <u>City Sec.</u>	
Telephone: <u>512/759-1011</u>	Fax:	E-mail:
Date of Contact: <u>1-29-02</u>		
Method of Contact: (Telephone Call, Facsimile, Etc.)		
Comments: <u>Left message w/ Melisse Perry (City Sect)</u>		
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?		
What is your current water rate structure?		

### Water Infrastructure Financing Survey

Date of Contact: <u>1/31/02</u>	
Contact Person: <u>Jody</u>	Title: <u>Sec</u>
Method of Contact: (Telephone Call, Facsimile, Etc.) <u>Phone</u>	
Comments: <u>"Reminder"</u>	
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?	
What is your current water rate structure?	

## Water Infrastructure Financing Survey

Name of Political Subdivision: CITY OF BRIDGE OAKS		
Contact Person: ALAN MYERS	Title: MAYOR	
Telephone: 817 295 4249	Fax:	E-mail:
Date of Contact: 12/13/01		
Method of Contact: (Telephone Call, Facsimile, Etc.) PHONE		
Comments: LEFT MESSAGE		
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?		
What is your current water rate structure?		

## Water Infrastructure Financing Survey

Date of Contact: APRIL 1, 2002, 4:00 pm	
Contact Person: ALAN MYERS	Title: MAYOR
Method of Contact: (Telephone Call, Facsimile, Etc.) PHONE	
Comments: LEFT MESSAGE	
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?	
What is your current water rate structure?	

MESSAGE CONFIRMATION

JAN-03-2002 09:33AM THU

FAX NUMBER:  
NAME :

NAME/NUMBER : 918173732988  
PAGE : 004  
START TIME : JAN-03-2002 09:30AM THU  
ELAPSED TIME : 02' 23"  
MODE : G3 STD  
RESULTS : [ O.K ]

P. O. Box 7800  
Waco, Texas 76714-7338  
254-779-1441  
254-772-0780 (Fax)



# Fax

To: Mayor Sam Bigham From: Denis Qualls  
City of Rio Vista Regional Business Development Manager  
Fax: 817-373-2880 Pages: 4  
Phone: 817-373-2588 Date: January 3, 2002  
Re: Water Infrastructure Financing Survey CC:

Urgent  For Review  Please Comment  Please Reply  Please Recycle

• Comments

### Water Infrastructure Financing Survey

Name of Political Subdivision: <u>CITY OF RICHMOND</u>		
Contact Person: <u>SAM BINGHAM</u>	Title: <u>MAYOR</u>	
Telephone: <u>817 373-7500</u>	Fax:	E-mail:
Date of Contact: <u>JANUARY 23, 2002 9:30 AM</u>		
Method of Contact: (Telephone Call, Facsimile, Etc.) <u>SITE VISIT</u>		
Comments: <u>STATED HE WOULD COMPLETE SURVEY, AND SEND IT IN.</u>		
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?		
What is your current water rate structure?		

### Water Infrastructure Financing Survey

Date of Contact: <u>APRIL 1 2002 4:15 PM</u>	
Contact Person: <u>SAM BINGHAM</u>	Title: <u>MAYOR</u>
Method of Contact: (Telephone Call, Facsimile, Etc.) <u>LEFT MESSAGE</u>	
Comments:	
Does the contact person wish to schedule a time for BRA staff to visit and assist them in completing the survey?	
What is your current water rate structure?	

**Appendix C:**  
**Copies of Completed Surveys and Comments**

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Abilene

Water Management Strategy Name: Wastewater Reuse

Capital Cost: \$19,250,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 100%.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ Ø.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ Ø.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

FUNDING TIED TO NETWORKING RURAL AND SMALL MUNICIPAL SYSTEM

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Abilene

Water Management Strategy Name: O H Ivie Pipeline

Capital Cost: \$60,000,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 60,000,000

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ Ø.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ Ø.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Alvarado

Water Management Strategy Name: SWATS Expansion/Voluntary Redistribution

Capital Cost: \$2,108,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 100%.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

RUS GRANT

+ MORE STATE GRANTS

0% INTEREST W/ FORGIVENESS

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Baird

Water Management Strategy Name: Wastewater Reuse

Capital Cost: \$254,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 100%.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 0.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

RURAL DEVELOPMENT ADMIN.

TICA GRANTS

Fig 275  
2000  
1000 to 12000



**BRUSHY CREEK**  
Municipal Utility District

901 Great Oaks Drive • Round Rock, Texas 78681 - 2506

(512) 255-7871

FAX (512) 255-0332

December 26, 2001

Mr. Brad Brunett  
Brazos Regional Water Planning Group  
P.O. Box 7555  
Waco, Texas 76714-7555

2002 JAN 10 AM 11:43

RECEIVED  
BRAZOS RIVER AUTHORITY

Dear Mr. Brunett:

This letter is in response to your recent Water Infrastructure Financing Survey sent to the Brushy Creek Municipal Utility District (BCMUD). In your letter you identified capital costs of \$3,028,000 for future improvements. Since the completion of the draft water plan there have been several issues that have arisen that do not make this \$3,028,000 a realistic number. You have identified in your Brushy Creek MUD Water Planning Information that the recommended water supply strategy for the BCMUD is to receive 4,000 acre feet of water through the Williamson County Regional Water Supply Project sponsored by the Brazos River Authority. In order to accomplish this goal the BCMUD identified that there would be a need to finance \$39.1 million in improvements to withdraw the water from Lake Georgetown, construct a water treatment plant, transport the water to the District, and make certain internal improvements to the District's water storage and distribution system. These improvements would enable the District to effectively utilize the new water supply. The Board of Directors brought this issue to the voters in November and they passed a \$39.1 million bond authorization to construct these improvements.

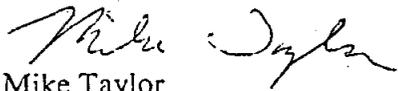
As part of this effort we have begun negotiating with the City of Round Rock to sell our share of jointly owned facilities to them as well as having active discussions with the Chisholm Trail Special Utility District in an effort to regionalize the project. We have also been actively involved in discussions with the Brazos River Authority to develop a regional intake at Lake Georgetown. Our Board of Directors has committed to examine alternatives that include regional facilities but our current Water Supply Contract with the City of Round Rock expires in 2006 and we have been notified that the contract will not be extended or renewed. Therefore we must move forward with this project as a result of a very severe time constraint to have a new source of water before our current contract with the City of Round Rock expires.

We strongly feel that State Participation would be a significant benefit to all concerned if it could be incorporated into the development of these regional improvements. However, while the BCMUD is not averse to being part of a regional solution for long-term water supplies. However, due to the termination date of our existing water supply contract with the City of Round Rock and the time required to plan, permit, construct and start up the

new facilities requires that we move forward with this project. We fully intend to continue to work with regional providers and other utility providers to develop long-term regional solutions to our mutual concerns.

Thank you for the opportunity to comment and please feel free to contact me at (512) 255-7871 ext. 112 if I can supply any additional information.

Sincerely,

A handwritten signature in cursive script that reads "Mike Taylor".

Mike Taylor  
General Manager

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Bryan

Water Management Strategy Name Carrizo-Wilcox Development

Capital Cost: \$7,639,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

Brad:

I believe the more appropriate response to this issue is that the City of Bryan will use whatever resources and means are available and necessary to provide a dependable and safe water source to its citizens, now, and in the future.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

**Name of Political Subdivision:** City of Cisco

**Water Management Strategy Name:** Battle Creek Diversion to Lake Cisco

**Capital Cost:** \$4,700,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 4,700,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

Our tax and water rate revenues are currently strained to the maximum. Due to existing water and sewer debt requirements, we have the highest water and sewer bill in the region. Therefore, we would require substantial/complete state or federal funding assistance in all future water projects.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Cisco

Water Management Strategy Name: Wastewater Reuse

Capital Cost: \$396,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 396,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

See other attached sheet. Also, we believe that this water project would be a very inefficient use of funding because of the locations of our sewer facility and water treatment plant.

## Brad Brunett

---

**From:** Dale Schepers [Dscheper@ci.college-station.tx.us]  
**Sent:** Thursday, January 31, 2002 1:55 PM  
**To:** BradB@Brazos.org  
**Cc:** Charles Cryan; John Woody  
**Subject:** Water Infrastructure Financing Survey

Per our conversation, please accept our response to the SB2 survey.

**Response to Question 1:**

College Station is planning to utilize current utility revenue sources including rate and tax increases to fund the water management strategy identified on the survey; Carrizo-Wilcox Development. College Station anticipates funding the entire capital cost identified by the Brazos G Regional Water Plan through year 2050. Amount: \$20,054,000.00.

**Response to Question 2.**

Accessing funds from the State Participation Program would be desirable given concurrent timing of necessary infrastructure improvements with availability of Program funding in conjunction with favorable benefit-to-cost return on administration required to access Program funds.

Assuming favorable conditions accessing State Participation Program resources, Capital contribution \$0.00.

Assuming unfavorable conditions accessing State Participation Program resources, Capital contribution \$20,054,000.00.

**Response to Question 3.**

zero.

**Response to Question 4.**

College Station anticipates ability to pay for infrastructure required to construct the water management strategy identified on the survey; Carrizo-Wilcox Development. Consideration would be given to various state funding sources on a case-by-case basis.

Dale R Schepers  
WWW Division Manager  
979 764-3660  
979 764-3452 fax  
dscheper@ci.college-station.tx.us

College Station. Embracing the Past, Exploring the Future.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Georgetown

Water Management Strategy Name: Further Development of Carrizo-Wilcox

Capital Cost: \$25,937,123

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ To Be Determined

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ " "

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ " "

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

In a phone interview with Jim Briggs (Assistant City Manager) on 1/28/02, Jim stated that w/o detailed financial planning the city could not identify available resources for infrastructure. However, he did indicate that the City would not increase taxes to leverage

REVENUES

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Georgetown

Water Management Strategy Name: Infrastructure Expansion

Capital Cost: \$3,494,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** For each of the recommended strategies in the regional water plan to meet your water needs, please fill in the water management strategy name and cost (refer to the attached table showing the specific projects recommended for your political subdivision and the estimated capital costs). Answers to the following questions should be provided for each strategy. Use a new sheet for each water management strategy.

Name of Political Subdivision: City of Georgetown

Water Management Strategy Name: Little River

Capital Cost: \$13,992,248

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Giddings

Water Management Strategy Name Further Development of Carrizo-Wilcox

Capital Cost: \$613,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 60,000 per year

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 60,000 per year

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 553,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*GRANTS,  
NO INTEREST LOANS*

*CITY COULD FUND MORE IF ALLOWED TO DO SO OVER SEVERAL YEARS. COULD FUND THE ENTIRE AMOUNT OVER 10 YEARS WITH NO INTEREST ON FUNDS.*

David Collinworth

---

From: Brad Brunett  
Sent: Monday, January 28, 2002 3:50 PM  
To: David Collinworth  
Subject: FYI - City of Lampasas

Mike Talbot with the City of Lampasas called a few minutes ago about the IFR survey. He said he will have it returned by February 4.

Also, I mentioned to you on Friday that I talked with the City of Glen Rose about its survey and filled in the blanks for them. Jeff Mackey with the City of Glen Rose said that the Somervell County Water District is pursuing the Somervell County Off-Channel Reservoir on its own. We sent a survey to the County Judge in Somervell County for the "County Other" category. This survey should probably be filled out by someone with the Somervell County Water District (254-897-4141). The capital cost estimate for the entire project is \$24,633,000. We had it split on the surveys between Glen Rose (\$8,848,896) and "County Other" (\$15,783,104).

Let me know if this doesn't make sense.

BMB

WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** For each of the recommended strategies in the regional water plan to meet your water needs, please fill in the water management strategy name and cost (refer to the attached table showing the specific projects recommended for your political subdivision and the estimated capital costs). Answers to the following questions should be provided for each strategy. Use a new sheet for each water management strategy.

Name of Political Subdivision: City of Glen Rose

Water Management Strategy Name: Somervell County Off-Channel Reservoir

Capital Cost: \$ 8,849,896

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ NA.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ NA.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ NA.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (use additional sheets, if necessary)

*The Somervell County Water District is pursuing this project on its own. Glen Rose may purchase water from the District at some point in the future.*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Godley

Water Management Strategy Name SWATS Expansion/Voluntary Redistribution

Capital Cost: \$604,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 100%.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

STATE GRANTS

IF WE'LL GO DRY AND HAVE TO GO TO SURFACE WATER  
THEY WILL GO TO SCRIPPS  
DE CHARTER IS AN OPTION

# City of Godley Water Planning Information

REGION: G	COUNTY: JOHNSON			BASIN: BRAZOS			
YEAR	2000	2010	2020	2030	2040	2050	
PROJECTED POPULATION:	<i>87A</i> 584	593	609	621	634	648	
PROJECTED WATER DEMAND: (acre-feet/year)	95	91	89	88	87	88	
<u>SOURCES AND SUPPLY AMOUNTS:</u>							
I TRINITY AQUIFER	28	28	28	28	28	28	
SOURCE SUPPLY SUM:	28	28	28	28	28	28	
NEEDS ANALYSIS:	-67	-63	-61	-60	-59	-60	
	SOURCE SUPPLY SUM MINUS DEMAND. NEGATIVE NUMBERS INDICATE A NEED/SHORTAGE.						
<u>RECOMMENDED WATER MANAGEMENT STRATEGIES (WMS):</u>							
I SWATS EXPANSION/VOLUNTARY REDISTRIBUTION	0	63	63	63	63	63	Capital Cost
							\$604,000
WMS SUPPLY SUM:	0	63	63	63	63	63	\$604,000
WATER BALANCE WITH STRATEGIES:	-67	0	2	3	4	3	
	WMS SUPPLY SUM PLUS NEEDS ANALYSIS VALUES. NEGATIVE NUMBERS INDICATE AN UNMET NEED.						

WUPP 12/20/00 5:00

NEW WELLS 5      226 GPM  
 CUSTOMER OF JCRWSC      OPTION OF 50,000 GAL/MO.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Granbury

Water Management Strategy Name SWATS Expansion

Capital Cost: \$25,071,309

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 25,071,309.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*- state grants*  
*- 0% state financing*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

**Name of Political Subdivision:** City of Grandview

**Water Management Strategy Name** SWATS Expansion/Voluntary Redistribution

**Capital Cost:** \$1,821,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ - 0 -.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ - 0 -.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 1,821,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

# City of Grandview Water Planning Information

REGION: G	COUNTY: JOHNSON			BASIN: TRINITY			
YEAR	2000	2010	2020	2030	2040	2050	
<hr/>							
PROJECTED POPULATION:	1,511	1,650	1,805	1,958	2,129	2,315	
PROJECTED WATER DEMAND: (acre-feet/year)	200	205	210	222	234	252	
<u>SOURCES AND SUPPLY AMOUNTS:</u>							
3 → 1 WOODBINE AQUIFER <i>(TRINITY)</i>	62	62	62	62	62	62	
2 ADDITIONAL TRINITY SOURCE SUPPLY SUM:	62	62	62	62	62	62	
<hr/>							
NEEDS ANALYSIS:	-138	-143	-148	-160	-172	-190	
SOURCE SUPPLY SUM MINUS DEMAND. NEGATIVE NUMBERS INDICATE A NEED/SHORTAGE.							
<u>RECOMMENDED WATER MANAGEMENT STRATEGIES (WMS):</u>							
1 SWATS EXPANSION/VOLUNTARY REDISTRIBUTION	0	160	160	160	190	190	Capital Cost \$1,821,000
WMS SUPPLY SUM:	0	160	160	160	190	190	\$1,821,000
<hr/>							
WATER BALANCE WITH STRATEGIES:	-138	17	12	0	18	0	
WMS SUPPLY SUM PLUS NEEDS ANALYSIS VALUES. NEGATIVE NUMBERS INDICATE AN UNMET NEED.							

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Granger

Water Management Strategy Name Further Development of Carrizo-Wilcox

Capital Cost: \$1,237,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ ϕ.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ ϕ.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ ϕ.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*Kathleen Vrana stated over the phone that the City has NO reserve funds for infrastructure*

*DC/1-29-0*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: GROESBECK  
City of Grosebeck

Water Management Strategy Name GROESBECK  
Grosebeck Off-Channel Reservoir

Capital Cost: \$4,173,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ nothing at this time. \*

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ Nothing At This Time. \*

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ ALL or ANY. \*

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

\*On December 3, 2001, the City Council issued \$2,780,000 in Tax and Utility Bonds in order to construct a new water treatment plant and upgrade the wastewater treatment plant and construct a new overhead storage tank. These improvements will enable the City to be in compliance with the new drinking water standards becoming effective in 2002. The rates have been increased (Dec.01) to enable the City to fund the debt service to repay the bonds.

These are twenty year bonds.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** For each of the recommended strategies in the regional water plan to meet your water needs, please fill in the water management strategy name and cost (refer to the attached table showing the specific projects recommended for your political subdivision and the estimated capital costs). Answers to the following questions should be provided for each strategy. Use a new sheet for each water management strategy.

Name of Political Subdivision: City of Haskell

Water Management Strategy Name Wastewater Reuse

Capital Cost: \$432,124

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ - 0 -.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 43,000.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 389,124.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*TWDB Grants  
Dept of Ag Grants  
TDHCA Grants*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Hearne

Water Management Strategy Name Carrizo-Wilcox Development

Capital Cost: \$609,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 60,900 TO \$121,800 ( 10% TO 20% )

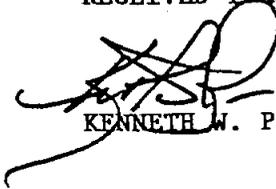
2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 60,900 TO \$121,800. ( 10% TO 20 % )

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 487,200 TO \$ 548,100 ( 80 TO 90% )

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary). **THE MOST SUCCESSFUL PROGRAMS FOR THE CITY OF HEARNE HAVE BEEN COMMUNITY DEVELOPMENT BLOCK GRANTS, RECEIVED THROUGH THE TEXAS DEPARTMENT OF HOUSING AND COMMUNITY AFFAIRS, AND AIRPORT IMPROVEMENT GRANTS, RECEIVED THROUGH TEXAS DEPARTMENT OF TRANSPORTATION- AVIATION DIVISION.**

  
KENNETH W. PRYOR, CITY MANAGER

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Joshua

Water Management Strategy Name SWATS Expansion

Capital Cost: \$2,003,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 100%

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

WOULD BE INTERESTED IN TAKING OVER JCFWD  
WOULD NEED HELP IN FINANCING  
HELP DEFRAID EXPENSES OF DEMINERALIZATION

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Keene

Water Management Strategy Name SWATS Expansion/Voluntary Redistribution

Capital Cost: \$14,328,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 100%.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Lampasas

Water Management Strategy Name: Wastewater Reuse

Capital Cost: ~~\$1,413,000~~ 0

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Lampasas

Water Management Strategy Name: Central Texas/Kempner WSC Conveyance Incr

Capital Cost: ~~\$5,797,000~~ 0

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of McGregor

Water Management Strategy Name: Infrastructure Expansion

Capital Cost: \$103,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*In a phone interview w/  
interim City Manager Bobby  
Filyaw, he stated that  
the City disagreed with  
supply planning information.  
He said the City has no*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Meridian

Water Management Strategy Name: Meridian Off-Channel Reservoir

Capital Cost: \$7,472,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ approx \$700,000

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ See comments

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 6,772,000

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*As the City has approx. \$700,000 in reserves for water system expansion. The City could debt service approx. 2 million given current revenue sources.*

*Phone Interview w/ City Sec. Marie Garland on 1-24-02. Marie gives Authority consent*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Merkel

Water Management Strategy Name Wastewater Reuse

Capital Cost: \$420,008

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 50,000.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 50,000.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 370,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*either a property tax increase  
or additional charges for water/sewer*



# City of Robinson

111 W. Lyndale, Robinson, TX 76706-5619  
Phone (254) 662-1415 ❖ Fax (254) 662-1035

R. C. Fletcher, City Manager

email: RCDFletcher@aol.com

December 13, 2001

Brad Brunett, Water Services Planning Manager  
Brazos River Authority  
Box 7555  
Waco, TX 76714-7555

Re: Water Infrastructure Financing Survey

Dear Mr. Brunett:

We are unable to complete the requested survey on the grounds that we do not agree that \$3.4 M of additional infrastructure needs are required. The supply information on the "City of Robinson Water Planning Information" bears no relationship to reality. For example, Brazos River supply is said to be 537 acre feet per year. Converting to gallons per day, that amounts to 479,000 GPD. Our water treatment plant, as originally constructed, could produce 1,240,000 GPD. We are nearing completion of an expansion that will result in an output in excess of 3,000,000 GPD. The water from the aquifer is even more understated. The 128 acre feet per year would translate to a well output of about 79 GPM. Combined, our wells deliver about 1,500 GPM.

Utilizing the projected water demand from the study, we have applied some supply data we consider more realistic. Gradual abandonment of the wells has been factored in as well.

Robinson historically has paid for its infrastructure needs by issuing debt, payable from utility revenue. The Water Board funds have been utilized for wastewater improvements on past projects.

Sincerely,

R. C. Fletcher  
City Manager

CITY OF ROCKDALE



SUE FOSTER  
City Manager

STRUCTURE FINANCING SURVEY

140 W. Cameron  
P.O. Box 586  
Rockdale, Texas 76567

(512) 446-2511  
Fax (512) 446-6258  
Pager 1-800-375-0105 Pin#8026

Management strategy listed below is recommended in the  
to meet your water needs. The capital cost estimate for  
Please answer the following questions regarding this  
water management strategy and return in the envelope provided (refer to the attached  
table for a summary of your water supply planning information).

Name of Political Subdivision: City of Rockdale

Water Management Strategy Name Further Development of Carrizo-Wilcox

Capital Cost: \$250,000

- 1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 50,000.00.

- 2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 50,000.00.

- 3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 200,000.00.

- 4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

SEE ATTACHMENT

Attachment for:  
City of Rockdale  
Water Infrastructure Financing Survey

The City would need to borrow the money. Our rates were raised substantially in October 1998 to finance a 1.1 million dollar utility relocation for Hwy. 79 expansion. Our current rates are therefore committed to debt and maintenance and operation.

It should also be noted the City has a new 400 gpm well added to our system. It is referred to as Well #10; plan review log number 111-010.

Our six wells are:

<u>Well Description</u>	<u>Capacity gpm</u>
Runway #8	810
Praesel #6	215
Airport #7	883
Belton #3	176
Tracy #9	460
Texas St. #10	<u>400</u>
	2944

Please recalculate our supply with these wells.



---

Sue Foster  
City Manager

### WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of RoundRock

Water Management Strategy Name: Infrastructure Expansion

Capital Cost: \$1,744,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 1,744,000

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

### WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of RoundRock

Water Management Strategy Name: Further Development of Carrizo-Wilcox

Capital Cost: \$29,702,000

- Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 5,000,000

- If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_

- How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 24,702,000

- For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

### WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of RoundRock

Water Management Strategy Name: Voluntary Redistribution

Capital Cost: \$19,730,000

- Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ - 0 -

- If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ - 0 -

- How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 19,730,000

- For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

### WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of RoundRock

Water Management Strategy Name: Wastewater Reuse

Capital Cost: \$19,239,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 2,000,000

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 17,239,000

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

# City of Round Rock Water Planning Information

(BASED ON FUTURE INFRASTRUCTURE REQMENTS)

REGION: G

COUNTY: WILLIAMSON

BASIN: BRAZOS

YEAR	2000	2010	2020	2030	2040	2050
PROJECTED POPULATION:	58,742	92,430	140,605	165,487	189,521	197,113
PROJECTED WATER DEMAND: (acre-feet/year)	13,339	19,672	26,345	30,839	35,318	40,225
<u>SOURCES AND SUPPLY AMOUNTS:</u>	18,134 + 7,000 AF + 6700 AF = 31,834					
BRAZOS RIVER AUTHORITY SYSTEM	17,761	17,761	17,761	17,761	17,761	17,761
EDWARDS-BFZ AQUIFER	921	921	921	921	921	921
SOURCE SUPPLY SUM:	18,682	18,682	18,682	18,682	18,682	18,682
NEEDS ANALYSIS:	5343	-990	-7663	-12157	-16636	-21543

SOURCE SUPPLY SUM MINUS DEMAND. NEGATIVE NUMBERS INDICATE A NEED/SHORTAGE.

RECOMMENDED WATER MANAGEMENT STRATEGIES (WMS):

Capital Cost

1 FURTHER DEVELOPMENT OF CARRIZO-WILCOX	0	6,000	6,000	6,000	6,000	6,000	\$29,702,000
2 INFRASTRUCTURE EXPANSION	0	7,000	7,000	7,000	7,000	7,000	\$1,744,000
3 VOLUNTARY REDISTRIBUTION	0	0	6,000	6,000	6,000	6,000	\$19,730,000
4 WASTEWATER REUSE	0	0	0	5,000	5,000	5,000	\$19,239,000
WMS SUPPLY SUM:	0	13,000	19,000	24,000	24,000	24,000	\$65,415,000
WATER BALANCE WITH STRATEGIES:	5343	17010	11337	11843	7344	2457	

WMS SUPPLY SUM PLUS NEEDS ANALYSIS VALUES. NEGATIVE NUMBERS INDICATE AN UNMET NEED.

\*NOTE: THE NUMBERS PROVIDED UNDER SOURCES AND SUPPLY AMOUNTS DO NOT REFLECT ACTUAL CONTRACT AMOUNTS; ACTUAL CONTRACT AMOUNTS PLUS ACTUAL EDWARDS AMOUNTS EQUAL 35,834 AF WHICH EXCEEDS 2040 DEMAND. JRN 2-15-02



RECEIVED  
BRAZOS RIVER AUTHORITY

2002 JAN 31 PM 1:30

January 30, 2002

Brad Brunett  
Water Services Planning Mgr.  
Brazos River Authority

Mr. Brunett,

In response to your survey request of Salado Water Supply Corporation capability for financing of a regional treatment plant, I will submit our plans at this time.

First, we are verbally committed to Central Texas Water Supply to participate in a plant that is well into the planning stage. Salado Water Supply Corporation will participate in funding of this plant to correspond with our portion of capability within this plant. The Corporation will borrow the funds necessary for this project.

I would encourage the Brazos River Authority to discuss their plans with Central Texas Water Supply Corporation, and try to involve themselves in their project. It would make no sense to build two new sites for water treatment when efforts could be consolidated to achieve the same ultimate goal at a reduced price for all who are involved.

In any case, when it comes to a treatment source for our water reserved in Stillhouse Hollow, Salado Water Supply Corporation will have to finance the cost as no current funds have been set aside for this project.

Sincerely,

A handwritten signature in cursive script that reads "Ricky Preston".

Ricky Preston, Opr. Mgr.  
Salado Water Supply Corporation



# CITY OF STAMFORD TEXAS

P.O. Drawer 191  
79553

City Manager  
915-773-2591

Utility Services  
915-773-2723

December 9, 2001

Mr. Brad Brunett  
Water Resources Services Planning Manager  
Brazos River Authority

Dear Brad:

As I discussed with you on Monday December 10, 2001, our City is currently building a diversion facility to scalp water off of the California Creek watershed to bring Lake Stamford's yield to an adequate supply for the next 50 years. Our debt is approximately \$4 million and that will probably be about all we can finance for the next 40 years.

Basically the wastewater reuse proposed would be brought online if some large user required water in the future. As it stands now, our wastewater effluent will return to Lake Stamford if there is enough wet weather that the creek runs that far (approximately 14 miles) with this in mind we will need to take the position that we can not finance any of the purposed budget for wastewater reuse. Please let me know if you need further information.

Sincerely,

Ken Roberson  
City Manager

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Stamford

Water Management Strategy Name Wastewater Reuse

Capital Cost: \$323,083

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ - 0 -.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ - 0 -.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ ALL.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*100% State or Federal funding*

# City of Stamford Water Planning Information

REGION: G	COUNTY: JONES			BASIN: BRAZOS			
YEAR	2000	2010	2020	2030	2040	2050	
PROJECTED POPULATION:	4,020	4,282	4,509	4,746	4,974	5,213	
PROJECTED WATER DEMAND: (acre-feet/year)	1,126	1,146	1,152	1,191	1,231	1,285	
<b>SOURCES AND SUPPLY AMOUNTS:</b>							
NA 1 HUBBARD CREEK LAKE/RESERVOIR	526	1,292	1,267	1,209	1,151	1,092	
? 2 STAMFORD LAKE/RESERVOIR	91	387	354	354	354	354	
SOURCE SUPPLY SUM:	617	1,679	1,621	1,563	1,505	1,446	
NEEDS ANALYSIS:	-509	533	469	372	274	161	
	SOURCE SUPPLY SUM MINUS DEMAND. NEGATIVE NUMBERS INDICATE A NEED/SHORTAGE.						
<b>RECOMMENDED WATER MANAGEMENT STRATEGIES (WMS):</b>							
		<del>1,875</del>					<u>COST</u>
1 CALIFORNIA CREEK DIVERSION	0	2,200	1,875	1,875	1,875	1,875	--
2 WASTEWATER REUSE	0	80	80	80	80	80	\$323,083
3 WATER CONSERVATION	0	59	59	59	59	59	--
WMS SUPPLY SUM:	0	2,014	2,014	2,014	2,014	2,014	\$323,083
WATER BALANCE WITH STRATEGIES:	-509	2547	2483	2386	2288	2175	
	WMS SUPPLY SUM PLUS NEEDS ANALYSIS VALUES. NEGATIVE NUMBERS INDICATE AN UNMET NEED.						

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Stephenville

Water Management Strategy Name: Lake Proctor-Upper Leon MWD

Capital Cost: \$10,178,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 10,178,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*The city will seek any and all financial resources available to assist with the capital costs to supply water for Stephenville. The current water and tax rates are at levels the consumers are not willing to increase.*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Taylor

Water Management Strategy Name: Infrastructure Expansion

Capital Cost: \$7,439,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 4,000,000.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 6,500,000.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 1,000,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

**Name of Political Subdivision:** City of Taylor

**Water Management Strategy Name:** Further Development of Carrizo-Wilcox

**Capital Cost:** \$7,460,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 3,000,000.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 5,250,000.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 2,250,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** For each of the recommended strategies in the regional water plan to meet your water needs, please fill in the water management strategy name and cost (refer to the attached table showing the specific projects recommended for your political subdivision and the estimated capital costs). Answers to the following questions should be provided for each strategy. Use a new sheet for each water management strategy.

**Name of Political Subdivision:** City of Thrackmorton

**Water Management Strategy Name:** New Thrackmorton Reservoir

**Capital Cost: \$** 7,500,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 7,500,000.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (use additional sheets, if necessary)

*The city of Thrackmorton does not currently have the financial ability to pay for this project. If the reservoir were to be built, it would generate revenue that could be used to pay for some portion of the project; however, most loan programs, such as the State Participation Program, require repayment to commence much quicker than any revenue could be realized from the project. The City of Thrackmorton supports construction of a reservoir and is interested in any State or Federal funding that may be available.*

**WATER INFRASTRUCTURE FINANCING SURVEY**

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

**Name of Political Subdivision:** City of Valley Mills

**Water Management Strategy Name** Clifton System to Valley Mills

**Capital Cost** \$416,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 41,600.00.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 41,600.00.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 374,400.00.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

The City will apply for a grant from Texas Community Development Program.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Venus

Water Management Strategy Name SWATS Expansion/Voluntary Redistribution

Capital Cost: \$3,670,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ -0-.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ -0-.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ can not pay

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of Walnut Springs

Water Management Strategy Name: Walnut Springs tie in to Meridian off-channel reservoir

Capital Cost: \$1,797,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.00.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.00.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ What ever @ least @ Present

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*If grants are available.*

*David S. Zeller Mayor*

*12/15/01*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: City of West

Water Management Strategy Name: Infrastructure Expansion

Capital Cost: \$560,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 0.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 0.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ 560,000<sup>±</sup>.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

The City of West is in the process of securing surface from the City of Waco which will be a very costly endeavor for our community. West cannot wait on a regional water plan!

# West Central Texas Municipal Water District

Serving Abilene, Albany, Anson and Breckenridge, Texas

February 13, 2002

Mr. Brad Brunett  
Brazos G RWPG  
C/O Brazos River Authority  
PO Box 7555  
Waco TX 76714-7555

2002 FEB 28 PM 12:01  
RECEIVED  
BRAZOS RIVER AUTHORITY

Dear Brad:

Thank you for the opportunity to respond to the Water Infrastructure Financing Survey (SB2/TWDB). The questions were simple and straight forward. Unfortunately, the answers were not so simple.

West Central Texas Municipal Water District (WCTMWD/the District) is vitally interested in the future water needs of our area. Both the Seymour Aquifer Project and the Breckenridge Reservoir Project are potential next/future water supply sources for our customers (and/or others).

Historically, the District, with complete support from our Member Cities, has fully funded our water supply projects including the construction of Hubbard Creek Reservoir (HCR) and our sixteen percent share of the Ivie Project. Nothing on the immediate horizon would change our future attitude...except...many other local communities that seem to wait for a crisis to realistically evaluate water needs.

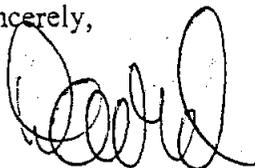
History's lessons, together with the regional focus of SB1 and SB2, suggest that the future is not likely to be the same as the past. With that background, the timely completion of the new projects supported by the District within the 'round 1' of Brazos G RWPG's report should include significant state support ('participation').

It seems as good a plan as any that 'state participation' or other grant and/or loan funds should contribute 25 to 50 percent of either/both the projects sponsored by WCTMWD. This level of support will either allow for including the entire regional need within the project scope OR allow project schedule acceleration so that the District and/or others could make (previously unwise) water commitments to non-member cities in anticipation of the timely addition of new water sources (e.g. Seymour Aquifer and/or Breckenridge Reservoir).



The District regrets not providing a more clear answer to the survey, but our concern is for misuse of tabular data without including the concerns and cautions outlined above. Thanks again for accepting our comments.

Sincerely,

A handwritten signature in black ink, appearing to read "David E. Bell". The signature is fluid and cursive, with a large initial "D" and "B".

David E. Bell, P.E.  
General Manager

CC: WCTMWD Board of Directors  
WCTMWD Member Cities  
WCT Council of Governments  
Brazos River Authority (Phil Ford)  
West Texas BRA Board Members

Attachments: Brazos Region G survey letter and two (2) survey forms

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

**Name of Political Subdivision:** West Central Texas Municipal Water District

**Water Management Strategy Name:** Seymour Aquifer Development

**Capital Cost:** \$31,895,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

**Name of Political Subdivision:** West Central Texas Municipal Water District

**Water Management Strategy Name:** Breckenridge Reservoir

**Capital Cost:** \$171,000,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ \_\_\_\_\_.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ \_\_\_\_\_.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ \_\_\_\_\_.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: Bosque County

Water Management Strategy Name Clifton System to Childress Creek

Capital Cost: \$827,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ None.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ N/K.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ Any.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

The County is not involved with any part of either System at this time. If we do get involved we will need STATE or FEDERAL Funding as a source

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: Bosque County

Water Management Strategy Name Clifton System to Mustang Valley

Capital Cost: \$2,562,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ NONE.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ N/K.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ ANY.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*NOT involved w/systems - if involved will need STATE or Federal funds*

WATER INFRASTRUCTURE FINANCING SURVEY

Instructions: The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: Bosque County

Water Management Strategy Name MVWSC tie in to Meridian Off-Channel Reservoir

Capital Cost: \$1,610,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ NONE.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ N/K.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ ANY.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*Not involved w/ systems - if involved will need state or federal funds.*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: Johnson County

Water Management Strategy Name SWATS Expansion/Voluntary Redistribution

Capital Cost: \$90,707,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ 100%.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ 100%.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ Ø.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

RECEIVED  
BRAZOS RIVER AUTHORITY

2002 FEB - 1 AM 10: 37 WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: McLennan County

Water Management Strategy Name Supply from Waco

Capital Cost: \$2,724,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ -0-.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ -0-.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ No County funds available.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary). The County is unaware of any funds available at this time.

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: Willamson County

Water Management Strategy Name Wastewater Reuse

Capital Cost: \$19,239,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ Unknown.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ Unknown.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ Unknown.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*No options proposed at this time,  
would consider any state funding sources available.*

*Willamson County has no utility revenue sources.*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: Williamson County

Water Management Strategy Name Development of Carrizo-Wilcox

Capital Cost: \$29,702,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ Unknown.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ Unknown.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ Unknown.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*No options proposed at this time.  
Would consider any state funding sources available.*

*Williamson County has no utility revenue sources.*

## WATER INFRASTRUCTURE FINANCING SURVEY

**Instructions:** The water management strategy listed below is recommended in the Brazos G Regional Water Plan to meet your water needs. The capital cost estimate for this strategy is also listed below. Please answer the following questions regarding this water management strategy and return in the envelope provided (refer to the attached table for a summary of your water supply planning information).

Name of Political Subdivision: Williamson County

Water Management Strategy Name Voluntary Redistribution

Capital Cost: \$19,730,000

1. Using current utility revenue sources, including implementing necessary rate and tax increases, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above?

The political subdivision can afford to pay \$ Unknown.

2. If you could access the State Participation Program, how much of the capital cost is the political subdivision able to pay for the water management strategy identified above using current utility revenue sources, including implementing necessary rate and tax increases?

The political subdivision can afford to pay \$ Unknown.

3. How much of the capital cost is the political subdivision unable to pay for the water management strategy identified above?

The political subdivision cannot afford to pay \$ Unknown.

4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary).

*No options proposed at this time.  
would consider any state funding sources available.*

*Williamson County has no utility revenue sources.*

**Appendix D:  
Water Rate Comparison**

## ***Appendix D Water Rate Comparison***

The following is summarized from a survey conducted by the Texas Municipal League (TML) during the spring of 2001 and is included for informational purposes only. The information contained in this survey was reported by the individual entities. A total of 78 of the survey respondents are located in the Brazos G Region. The average costs of water usage of 5,000 gallons in these cities is \$23.54, which is above the average cost for all cities responding to the survey of \$18.61 (Table D-1). The average monthly consumption for the cities located in the Brazos G Region is 6,871 gallons. The average cost of water usage of 50,000 gallons for commercial purposes is \$149.54 (Table D-1). Tables D-2 and D-3 indicate the ranking of the cities from highest sample monthly bill to lowest for 10,000 gals/month residential and 50,000 gals/month commercial water consumption respectively. In addition, the entire TML survey results for water rates are included following the tables for entities in the Brazos G Regional Water Planning Area.

Table D-1 Water Rate Comparisons for Cities Located in Region G (Sorted by Size of City)							
Population Group/ City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
<b>MORE THAN 75,000</b>							
Abilene	115,119	10.45	18.17	37,300	11,230	80.97	308.97
Waco	108,272	11.24	20.44	34,014	7,000	108.76	410.21
Killeen	87,000	13.11	23.06	26,334	5,196	102.66	401.16
<b>MORE THAN 75,000</b>	<b>Averages</b>	11.60	20.56	32,549	7,809	97.46	373.45
<b>50,001 - 75,000</b>							
College Station	64,000	18.45	28.60	14,901	11,000	126.00	430.50
Bryan	62,250	13.61	22.11	19,600	8,000	81.45	300.45
Temple	53,733	13.50	23.50	9,276	9,766	103.50	403.50
<b>50,001 - 75,000</b>	<b>Averages</b>	15.19	24.74	14,592	9,589	103.65	378.15
<b>25,001 - 50,000</b>							
Copperas Cove	31,108	19.75	29.50	10,155	6,435	107.50	400.00
Georgetown	28,790	26.25	36.00	13,859	11,500	115.35	407.85
Cleburne	26,569	25.11	39.50	10,754	4,856	25.00	39.50
<b>25,001 - 50,000</b>	<b>Averages</b>	23.70	35.00	11,589	7,597	82.62	282.45
<b>10,001 - 25,000</b>							
Belton	15,639	19.64	33.64	4,238	10,360	140.69	517.19
Stephenville	15,262	20.02	30.87	5,274	8,258	183.36	508.86
Taylor	14,690	26.25	37.50	4,890	7,676	127.50	465.00
Gatesville	12,500	31.25	42.50	2,729	6,000	132.50	470.00
Leander	12,000	35.54	53.54	3,921	6,000	236.83	776.83
Sweetwater	11,967	15.57	30.22	4,783	NR	138.50	554.00
<b>10,001 - 25,000</b>	<b>Averages</b>	24.71	38.05	4,306	7,659	159.90	548.65
<b>5,001 - 10,000</b>							
Bellmead	9,147	24.40	38.40	3,363	7,000	150.40	570.40
Robinson	8,162	33.25	45.50	3,300	15,000	143.50	511.00
Lampasas	8,077	27.58	40.63	2,975	5,000	159.00	571.50
Hillsboro	7,897	26.75	42.50	2,990	7,500	132.50	450.00
Navasota	7,816	25.20	43.20	2,406	6,217	197.20	737.20
Marlin	6,386	23.00	38.00	2,510	NR	172.00	607.00
Cameron	5,951	11.50	17.75	2,214	5,500	67.75	255.25
Breckenridge	5,804	17.50	27.00	2,585	4,112	103.35	440.85
Granbury	5,626	33.79	67.14	2,883	10,000	333.94	1,334.44
Rockdale	5,408	18.00	29.25	2,273	8,000	119.25	456.75
Heame	5,132	16.95	24.45	2,452	NR	81.15	276.15
Keene	5,100	39.40	69.90	1,948	8,000	313.90	1,228.90
<b>5,001 - 10,000</b>	<b>Averages</b>	24.78	40.31	2,658	7,633	164.50	619.95
<b>2,001 - 5,000</b>							
McGregor	4,942	32.25	43.50	1,990	8,100	133.50	471.00
Comanche	4,087	20.46	38.06	1,875	6,500	146.06	562.12
Stamford	3,817	22.50	36.25	1,600	8,500	146.25	558.75
Cisco	3,813	22.00	32.00	1,625	4,196	121.00	472.10
Dublin	3,750	23.02	45.27	1,465	NR	215.27	852.77
Eastland	3,690	24.58	36.66	1,719	7,000	160.48	613.48
Caldwell	3,575	15.60	25.35	1,726	8,000	120.35	502.85
Groesbeck	3,386	24.52	41.42	1,677	8,000	176.62	683.62
Haskell	3,362	17.05	27.80	1,600	8,000	113.80	436.30
Clifton	3,353	35.50	54.25	1,424	8,999	315.25	1,252.75
Alvarado	3,345	25.50	46.50	1,187	7,000	183.00	708.00
Hamilton	2,937	29.75	39.50	1,543	4,700	121.50	414.00
West	2,676	20.70	34.45	1,249	NR	179.72	688.22
Anson	2,644	23.50	36.00	1,200	NR	189.00	511.00
Merkel	2,469	21.75	32.75	1,220	6,500	137.75	467.75

**Table D-1**  
**Water Rate Comparisons for Cities Located in Region G**  
**(Sorted by Size of City)**

Population Group/ City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Glen Rose	2,395	21.75	34.50	966	4,000	152.75	572.75
Mart	2,006	44.25	61.75	1,005	6,100	275.75	1,175.75
<b>2,001 - 5,000</b>	<b>Averages</b>	24.98	39.18	1,475	6,828	169.89	643.72
<b>2,000 OR LESS</b>							
Rotan	1,913	23.75	42.50	940	10,300	180.00	765.00
Whitney	1,711	26.25	40.00	903	2,883	164.00	614.00
Hubbard	1,674	35.19	56.89	693	5,466	230.49	881.49
Venus	1,650	27.00	38.50	300	5,596	150.00	535.00
Bartlett	1,645	19.00	24.00	600	5,000	64.00	214.00
Munday	1,600	18.50	29.75	650	NR	119.75	457.25
Troy	1,545	16.50	27.75	619	8,676	129.75	467.25
Calvert	1,528	11.83	14.08	660	8,540	11.83	14.08
Lorena	1,500	45.89	57.14	815	11,000	NR	NR
Knox City	1,440	18.60	29.60	603	6,000	117.60	408.00
Granger	1,422	23.83	35.56	565	6,725	91.33	241.33
Meridian	1,415	42.50	62.50	603	5,400	256.50	1,125.50
Moody	1,397	33.75	45.00	654	4,944	135.00	472.00
Hico	1,375	22.25	42.25	660	5,700	208.75	996.75
Grandview	1,346	38.00	55.50	507	7,867	195.50	720.50
Gorman	1,290	20.35	35.10	538	8,000	153.10	595.60
Holland	1,249	28.74	52.49	400	6,000	242.49	954.99
Hutto	1,200	23.49	37.14	622	5,500	146.34	555.84
Rodgers	1,195	22.75	34.00	500	NR	NR	NR
Bruceville-Eddy	1,166	29.80	42.80	1,624	5,442	146.80	536.80
Thorndale	1,134	31.50	44.00	575	6,000	144.00	519.00
Lexington	1,130	6.00	14.00	717	1,007	NR	NR
Bremond	1,110	15.25	24.00	500	7,000	94.00	356.50
Valley Mills	1,103	14.75	21.00	600	9,000	71.00	258.50
Cross Plains	1,063	25.20	41.70	600	6,000	173.70	668.70
Rising Star	859	21.50	39.50	372	NR	179.00	704.00
Walnut Springs	810	23.00	34.25	311	5,000	115.50	NR
Rule	783	24.00	36.00	342	5,000	196.00	796.00
Thrall	720	19.25	33.50	295	5,000	147.50	575.00
Tolar	627	32.75	54.00	265	NR	224.00	861.00
Roby	616	20.20	40.40	450	3,000	20.20	40.40
Rio Vista	613	33.00	53.00	323	7,000	309.00	1,209.00
Jayton	608	10.75	17.00	327	2,100	67.00	254.00
Morgan's Point	376	9.50	22.50	173	NR	58.50	409.00
<b>2,000 OR LESS</b>	<b>Averages</b>	23.96	37.57	568	6,040	146.54	573.55
<b>All Cities</b>	<b>Averages</b>	23.54	37.13	3,568	6,871	149.54	567.34

Notes:

NR - Not Reported

Source: Texas Municipal League, "Texas Town &amp; City," Water and Wastewater Survey Results, May 2002.

**Table D-2**  
**Water Rate Comparisons for Cities Located in Region G**  
**(Sorted by Fee for 5,000 Gal. Residential Water)**

City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Lorena	1,500	45.89	57.14	815	11,000	NR	NR
Mart	2,006	44.25	61.75	1,005	6,100	275.75	1,175.75
Meridian	1,415	42.50	62.50	603	5,400	256.50	1,125.50
Keene	5,100	39.40	69.90	1,948	8,000	313.90	1,228.90
Grandview	1,346	38.00	55.50	507	7,867	195.50	720.50
Leander	12,000	35.54	53.54	3,921	6,000	236.83	776.83
Clifton	3,353	35.50	54.25	1,424	8,999	315.25	1,252.75
Hubbard	1,674	35.19	56.89	693	5,466	230.49	881.49
Granbury	5,626	33.79	67.14	2,883	10,000	333.94	1,334.44
Moody	1,397	33.75	45.00	654	4,944	135.00	472.00
Robinson	8,162	33.25	45.50	3,300	15,000	143.50	511.00
Rio Vista	613	33.00	53.00	323	7,000	309.00	1,209.00
Tolar	627	32.75	54.00	265	NR	224.00	861.00
McGregor	4,942	32.25	43.50	1,990	8,100	133.50	471.00
Thorndale	1,134	31.50	44.00	575	6,000	144.00	519.00
Gatesville	12,500	31.25	42.50	2,729	6,000	132.50	470.00
Bruceville-Eddy	1,166	29.80	42.80	1,624	5,442	146.80	536.80
Hamilton	2,937	29.75	39.50	1,543	4,700	121.50	414.00
Holland	1,249	28.74	52.49	400	6,000	242.49	954.99
Lampasas	8,077	27.58	40.63	2,975	5,000	159.00	571.50
Venus	1,650	27.00	38.50	300	5,596	150.00	535.00
Hillsboro	7,897	26.75	42.50	2,990	7,500	132.50	450.00
Whitney	1,711	26.25	40.00	903	2,883	164.00	614.00
Taylor	14,690	26.25	37.50	4,890	7,676	127.50	465.00
Georgetown	28,790	26.25	36.00	13,859	11,500	115.35	407.85
Alvarado	3,345	25.50	46.50	1,187	7,000	183.00	708.00
Navasota	7,816	25.20	43.20	2,406	6,217	197.20	737.20
Cross Plains	1,063	25.20	41.70	600	6,000	173.70	668.70
Cleburne	26,569	25.11	39.50	10,754	4,856	25.00	39.50
Eastland	3,690	24.58	36.66	1,719	7,000	160.48	613.48
Groesbeck	3,386	24.52	41.42	1,677	8,000	176.62	683.62
Bellmead	9,147	24.40	38.40	3,363	7,000	150.40	570.40
Rule	783	24.00	36.00	342	5,000	196.00	796.00
Granger	1,422	23.83	35.56	565	6,725	91.33	241.33
Rotan	1,913	23.75	42.50	940	10,300	180.00	765.00
Anson	2,644	23.50	36.00	1,200	NR	189.00	511.00
Hutto	1,200	23.49	37.14	622	5,500	146.34	555.84
Dublin	3,750	23.02	45.27	1,465	NR	215.27	852.77
Marlin	6,386	23.00	38.00	2,510	NR	172.00	607.00
Walnut Springs	810	23.00	34.25	311	5,000	115.50	NR
Rodgers	1,195	22.75	34.00	500	NR	NR	NR
Stamford	3,817	22.50	36.25	1,600	8,500	146.25	558.75
Hico	1,375	22.25	42.25	660	5,700	208.75	996.75
Cisco	3,813	22.00	32.00	1,625	4,196	121.00	472.10
Glen Rose	2,395	21.75	34.50	966	4,000	152.75	572.75
Merkel	2,469	21.75	32.75	1,220	6,500	137.75	467.75
Rising Star	859	21.50	39.50	372	NR	179.00	704.00
West	2,676	20.70	34.45	1,249	NR	179.72	688.22

**Table D-2**  
**Water Rate Comparisons for Cities Located in Region G**  
**(Sorted by Fee for 5,000 Gal. Residential Water)**

City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Comanche	4,087	20.46	38.06	1,875	6,500	146.06	562.12
Gorman	1,290	20.35	35.10	538	8,000	153.10	595.60
Roby	616	20.20	40.40	450	3,000	20.20	40.40
Stephenville	15,262	20.02	30.87	5,274	8,258	183.36	508.86
Copperas Cove	31,108	19.75	29.50	10,155	6,435	107.50	400.00
Belton	15,639	19.64	33.64	4,238	10,360	140.69	517.19
Thrall	720	19.25	33.50	295	5,000	147.50	575.00
Bartlett	1,645	19.00	24.00	600	5,000	64.00	214.00
Knox City	1,440	18.60	29.60	603	6,000	117.60	408.00
Munday	1,600	18.50	29.75	650	NR	119.75	457.25
College Station	64,000	18.45	28.60	14,901	11,000	126.00	430.50
Rockdale	5,408	18.00	29.25	2,273	8,000	119.25	456.75
Breckenridge	5,804	17.50	27.00	2,585	4,112	103.35	440.85
Haskell	3,362	17.05	27.80	1,600	8,000	113.80	436.30
Hearne	5,132	16.95	24.45	2,452	NR	81.15	276.15
Troy	1,545	16.50	27.75	619	8,676	129.75	467.25
Caldwell	3,575	15.60	25.35	1,726	8,000	120.35	502.85
Sweetwater	11,967	15.57	30.22	4,783	NR	138.50	554.00
Bremond	1,110	15.25	24.00	500	7,000	94.00	356.50
Valley Mills	1,103	14.75	21.00	600	9,000	71.00	258.50
Bryan	62,250	13.61	22.11	19,600	8,000	81.45	300.45
Temple	53,733	13.50	23.50	9,276	9,766	103.50	403.50
Killeen	87,000	13.11	23.06	26,334	5,196	102.66	401.16
Calvert	1,528	11.83	14.08	660	8,540	11.83	14.08
Cameron	5,951	11.50	17.75	2,214	5,500	67.75	255.25
Waco	108,272	11.24	20.44	34,014	7,000	108.76	410.21
Jayton	608	10.75	17.00	327	2,100	67.00	254.00
Abilene	115,119	10.45	18.17	37,300	11,230	80.97	308.97
Morgan's Point	376	9.50	22.50	173	NR	58.50	409.00
Lexington	1,130	6.00	14.00	717	1,007	NR	NR

**Table D-3**  
**Water Rate Comparisons for Cities Located in Region G**  
**(Sorted by Fee for 50,000 Gal. Commercial Water)**

City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Lexington	1,130	6.00	14.00	717	1,007	NR	NR
Lorena	1,500	45.89	57.14	815	11,000	NR	NR
Rodgers	1,195	22.75	34.00	500	NR	NR	NR
Granbury	5,626	33.79	67.14	2,883	10,000	333.94	1,334.44
Clifton	3,353	35.50	54.25	1,424	8,999	315.25	1,252.75
Keene	5,100	39.40	69.90	1,948	8,000	313.90	1,228.90
Rio Vista	613	33.00	53.00	323	7,000	309.00	1,209.00
Mart	2,006	44.25	61.75	1,005	6,100	275.75	1,175.75
Meridian	1,415	42.50	62.50	603	5,400	256.50	1,125.50
Holland	1,249	28.74	52.49	400	6,000	242.49	954.99
Leander	12,000	35.54	53.54	3,921	6,000	236.83	776.83
Hubbard	1,674	35.19	56.89	693	5,466	230.49	881.49
Tolar	627	32.75	54.00	265	NR	224.00	861.00
Dublin	3,750	23.02	45.27	1,465	NR	215.27	852.77
Hico	1,375	22.25	42.25	660	5,700	208.75	996.75
Navasota	7,816	25.20	43.20	2,406	6,217	197.20	737.20
Rule	783	24.00	36.00	342	5,000	196.00	796.00
Grandview	1,346	38.00	55.50	507	7,867	195.50	720.50
Anson	2,644	23.50	36.00	1,200	NR	189.00	511.00
Stephenville	15,262	20.02	30.87	5,274	8,258	183.36	508.86
Alvarado	3,345	25.50	46.50	1,187	7,000	183.00	708.00
Rotan	1,913	23.75	42.50	940	10,300	180.00	765.00
West	2,676	20.70	34.45	1,249	NR	179.72	688.22
Rising Star	859	21.50	39.50	372	NR	179.00	704.00
Groesbeck	3,386	24.52	41.42	1,677	8,000	176.62	683.62
Cross Plains	1,063	25.20	41.70	600	6,000	173.70	668.70
Marlin	6,386	23.00	38.00	2,510	NR	172.00	607.00
Whitney	1,711	26.25	40.00	903	2,883	164.00	614.00
Eastland	3,690	24.58	36.66	1,719	7,000	160.48	613.48
Lampasas	8,077	27.58	40.63	2,975	5,000	159.00	571.50
Gorman	1,290	20.35	35.10	538	8,000	153.10	595.60
Glen Rose	2,395	21.75	34.50	966	4,000	152.75	572.75
Bellmead	9,147	24.40	38.40	3,363	7,000	150.40	570.40
Venus	1,650	27.00	38.50	300	5,596	150.00	535.00
Thrall	720	19.25	33.50	295	5,000	147.50	575.00
Bruceville-Eddy	1,166	29.80	42.80	1,624	5,442	146.80	536.80
Hutto	1,200	23.49	37.14	622	5,500	146.34	555.84
Stamford	3,817	22.50	36.25	1,600	8,500	146.25	558.75
Comanche	4,087	20.46	38.06	1,875	6,500	146.06	562.12
Thorndale	1,134	31.50	44.00	575	6,000	144.00	519.00
Robinson	8,162	33.25	45.50	3,300	15,000	143.50	511.00
Belton	15,639	19.64	33.64	4,238	10,360	140.69	517.19
Sweetwater	11,967	15.57	30.22	4,783	NR	138.50	554.00
Merkel	2,469	21.75	32.75	1,220	6,500	137.75	467.75
Moody	1,397	33.75	45.00	654	4,944	135.00	472.00
McGregor	4,942	32.25	43.50	1,990	8,100	133.50	471.00
Gatesville	12,500	31.25	42.50	2,729	6,000	132.50	470.00
Hillsboro	7,897	26.75	42.50	2,990	7,500	132.50	450.00

**Table D-3**  
**Water Rate Comparisons for Cities Located in Region G**  
**(Sorted by Fee for 50,000 Gal. Commercial Water)**

City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Troy	1,545	16.50	27.75	619	8,676	129.75	467.25
Taylor	14,690	26.25	37.50	4,890	7,676	127.50	465.00
College Station	64,000	18.45	28.60	14,901	11,000	126.00	430.50
Hamilton	2,937	29.75	39.50	1,543	4,700	121.50	414.00
Cisco	3,813	22.00	32.00	1,625	4,196	121.00	472.10
Caldwell	3,575	15.60	25.35	1,726	8,000	120.35	502.85
Munday	1,600	18.50	29.75	650	NR	119.75	457.25
Rockdale	5,408	18.00	29.25	2,273	8,000	119.25	456.75
Knox City	1,440	18.60	29.60	603	6,000	117.60	408.00
Walnut Springs	810	23.00	34.25	311	5,000	115.50	NR
Georgetown	28,790	26.25	36.00	13,859	11,500	115.35	407.85
Haskell	3,362	17.05	27.80	1,600	8,000	113.80	436.30
Waco	108,272	11.24	20.44	34,014	7,000	108.76	410.21
Copperas Cove	31,108	19.75	29.50	10,155	6,435	107.50	400.00
Temple	53,733	13.50	23.50	9,276	9,766	103.50	403.50
Breckenridge	5,804	17.50	27.00	2,585	4,112	103.35	440.85
Killeen	87,000	13.11	23.06	26,334	5,196	102.66	401.16
Bremont	1,110	15.25	24.00	500	7,000	94.00	356.50
Granger	1,422	23.83	35.56	565	6,725	91.33	241.33
Bryan	62,250	13.61	22.11	19,600	8,000	81.45	300.45
Hearne	5,132	16.95	24.45	2,452	NR	81.15	276.15
Abilene	115,119	10.45	18.17	37,300	11,230	80.97	308.97
Valley Mills	1,103	14.75	21.00	600	9,000	71.00	258.50
Cameron	5,951	11.50	17.75	2,214	5,500	67.75	255.25
Jayton	608	10.75	17.00	327	2,100	67.00	254.00
Bartlett	1,645	19.00	24.00	600	5,000	64.00	214.00
Morgan's Point	376	9.50	22.50	173	NR	58.50	409.00
Cleburne	26,569	25.11	39.50	10,754	4,856	25.00	39.50
Roby	616	20.20	40.40	450	3,000	20.20	40.40
Calvert	1,528	11.83	14.08	660	8,540	11.83	14.08

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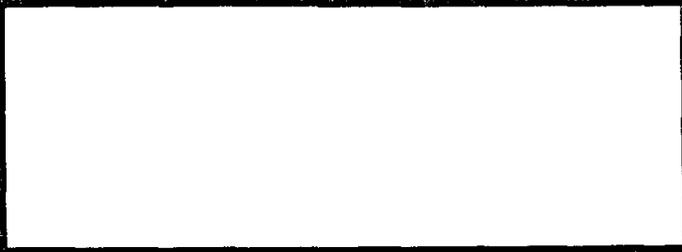
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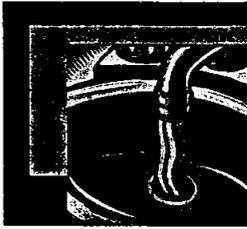
# T M L

TEXAS TOWN & CITY



## WATER AND WASTEWATER SURVEY RESULTS





# 2001 Water and Wastewater Survey Results

The following report is the result of a water and wastewater rate survey conducted by the Texas Municipal League during the spring of this year. The survey was sent to all 1,060 TML member cities. The information contained in this report was reported by the cities. Information is presented only for cities that provide water and wastewater services to their residents. Information for cities that provide

water and wastewater services through municipal utility districts, interlocal agreements, and other private sources is not included in the survey. TML made no attempt to verify the accuracy of information reported. Where no response to a specific question was received, a zero is used to indicate no response.

A total of 663 cities reported that they provide water service to their residents. The average cost of

water usage of 5,000 gallons in all cities is \$18.61. The average monthly consumption in all cities is 7,557 gallons. See report below for totals by population categories.

Wastewater service is provided in 628 of the cities responding to the survey. The average cost of wastewater service for residential usage of 5,000 gallons is \$14.64. See Page 29 for totals by population categories. ★

Water Fees By Population Group Summary

Population Group	No. of Cities Reporting	Residential Water				Commercial Water	
		Average Fee For		Avg. Total Customers	Average Usage	Average Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
<b>2,000 OR LESS</b>	<b>262</b>	20.75	32.88	539	6,273	136.64	562.94
<b>2,001 - 5,000</b>	<b>155</b>	17.90	28.78	1,344	8,020	134.70	541.47
<b>5,001 - 10,000</b>	<b>90</b>	17.71	28.80	2,617	7,746	125.91	518.56
<b>10,001 - 15,000</b>	<b>50</b>	16.93	27.22	4,346	8,019	152.67	650.09
<b>15,001 - 20,000</b>	<b>21</b>	15.43	27.04	6,009	7,860	122.21	484.00
<b>20,001 - 25,000</b>	<b>14</b>	18.46	30.21	7,343	10,627	118.15	441.54
<b>25,001 - 30,000</b>	<b>12</b>	18.20	29.59	9,823	8,959	112.75	453.69
<b>30,001 - 50,000</b>	<b>26</b>	17.13	29.40	12,140	9,987	133.77	504.02
<b>50,001 - 75,000</b>	<b>10</b>	14.68	25.14	17,711	9,976	117.18	431.57
<b>75,001 - 100,000</b>	<b>6</b>	15.84	26.02	26,261	7,499	124.12	473.88
<b>100,001 - 200,000</b>	<b>10</b>	11.46	20.14	39,784	9,844	89.12	341.14
<b>200,001 - 350,000</b>	<b>3</b>	12.16	20.60	71,593	8,157	89.05	307.80
<b>MORE THAN 500,000</b>	<b>4</b>	12.84	22.49	257,066	8,826	123.09	499.73
<b>Total / Averages</b>	<b>663</b>	<b>18.61</b>	<b>30.00</b>	<b>5,184</b>	<b>7,557</b>	<b>132.93</b>	<b>514.05</b>

**Residential and Commercial Water Costs  
Details**

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
<b>MORE THAN 500,000</b>							
Houston	1,800,000	15.13	27.55	406,000	7,000	115.97	448.97
San Antonio	1,192,300	11.01	17.20	293,061	9,848	128.14	590.41
Austin	642,994	10.73	20.73	175,644	8,581	137.97	554.47
Fort Worth	516,150	14.49	24.49	154,560	9,875	110.27	405.08
<b>MORE THAN 500,000 Averages</b>		12.84	22.49	257,066	8,826	123.09	499.73
<b>200,001 - 350,000</b>							
Corpus Christi	281,453	14.15	26.63	79,003	7,000	121.69	425.44
Plano	231,874	10.32	14.92	71,000	0	66.72	204.72
Garland	205,869	12.00	20.25	64,776	9,313	78.75	293.25
<b>200,001 - 350,000 Averages</b>		12.16	20.60	71,593	8,157	89.05	307.80
<b>100,001 - 200,000</b>							
Irving	185,200	10.81	24.16	42,546	6,000	130.96	531.46
Laredo	175,783	8.43	13.10	46,677	15,000	66.22	257.18
Amarillo	171,207	9.93	16.13	61,697	8,000	60.45	229.95
Mesquite	121,900	12.65	22.65	36,778	0	102.65	402.65
Abilene	115,119	10.45	18.17	37,300	11,230	80.97	308.97
Beaumont	114,000	14.39	24.74	40,586	6,000	107.54	418.04
Waco	108,272	11.24	20.44	34,014	7,000	108.76	410.21
McAllen	106,822	10.00	16.50	32,011	14,000	68.50	263.50
Carrollton	105,800	16.51	28.61	32,436	10,000	101.75	375.55
Wichita Falls	103,312	10.15	16.91	33,794	11,369	63.39	213.90
<b>100,001 - 200,000 Averages</b>		11.46	20.14	39,784	9,844	89.12	341.14
<b>75,001 - 100,000</b>							
Richardson	91,050	14.71	23.43	31,323	9,000	104.38	463.25
San Angelo	90,467	12.13	18.28	30,329	11,000	96.70	390.45
Killeen	87,000	13.11	23.06	26,334	5,196	102.66	401.16
Tyler	83,908	13.46	24.21	28,762	3,000	91.71	402.11
Denton	79,750	22.55	35.55	21,146	10,800	177.50	639.50
Lewisville	78,500	19.08	31.58	19,669	6,000	171.79	546.79
<b>75,001 - 100,000 Averages</b>		15.84	26.02	26,261	7,499	124.12	473.88
<b>50,001 - 75,000</b>							
Baytown	70,220	15.18	27.98	18,222	10,000	130.38	514.38
College Station	64,000	18.45	28.60	14,901	11,000	126.00	430.50
Bryan	62,250	13.61	22.11	19,600	8,000	81.45	300.45
Victoria	61,882	17.28	24.98	21,000	8,000	98.58	406.08
Sugar Land	60,400	9.70	15.35	20,521	14,300	84.20	253.70
Port Arthur	58,724	13.85	27.70	18,564	4,600	138.50	554.00
Harlingen	58,210	7.25	15.70	19,523	10,000	76.70	294.20
North Richland Hills	56,250	17.05	34.09	17,472	8,850	170.45	681.82
Temple	53,733	13.50	23.50	9,276	9,766	103.50	403.50
Flower Mound	50,300	20.92	31.42	18,034	15,243	162.04	477.04
<b>50,001 - 75,000 Averages</b>		14.68	25.14	17,711	9,976	117.18	431.57
<b>30,001 - 50,000</b>							
Bedford	49,450	20.55	30.90	13,762	8,000	168.78	483.42
Eules	45,550	18.70	30.40	11,195	9,830	124.00	475.00
Allen	44,965	16.01	27.81	16,545	8,500	151.23	505.23
League City	43,633	18.23	43.03	15,086	9,000	241.43	985.43
Texas City	42,488	11.90	20.90	13,332	0	92.90	362.90
Edinburg	40,579	12.35	22.10	13,093	8,100	102.15	394.65
Grapevine	40,299	16.86	29.71	12,800	11,000	132.51	518.01

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Mission	40,083	14.00	21.50	16,608	10,000	83.05	315.55
San Marcos	39,491	23.24	39.24	8,048	7,902	235.27	835.27
Pearland	39,000	15.69	25.04	0	11,559	99.84	380.34
DeSoto	37,900	18.97	32.77	12,287	7,000	143.17	557.17
Hurst	37,266	19.31	36.91	11,810	11,960	177.71	706.71
Haltom City	37,061	20.82	34.07	11,907	8,026	129.85	527.35
Duncanville	36,450	18.00	31.75	12,014	7,000	141.75	554.25
Conroe	35,353	9.72	18.57	9,149	10,000	91.42	341.92
Nacogdoches	35,000	15.25	26.65	11,595	10,500	107.40	416.40
Del Rio	34,990	12.46	18.30	12,846	30,000	77.17	297.67
Coppell	34,800	22.40	35.40	11,070	15,000	142.00	532.00
Huntsville	34,592	16.90	29.15	7,197	8,198	127.15	494.65
Sherman	34,044	20.39	31.28	11,808	8,977	130.97	457.82
Lufkin	33,253	15.84	27.93	14,323	7,770	100.18	329.68
La Porte	32,999	14.57	26.07	10,448	6,419	134.30	531.80
Frisco	32,650	16.61	28.01	15,970	10,000	124.42	481.42
Copperas Cove	31,108	19.75	29.50	10,155	6,435	107.50	400.00
Cedar Hill	30,950	22.96	42.91	11,201	10,000	202.51	793.51
Deer Park	30,575	13.86	24.46	9,261	8,500	109.26	427.26
<b>30,001 - 50,000</b>	<b>Averages</b>	17.13	29.40	12,140	9,987	133.77	504.02
<b>25,001 - 30,000</b>							
Rosenberg	29,081	11.70	20.45	6,561	8,100	88.20	343.20
Friendswood	29,037	16.80	27.55	9,814	10,600	113.55	330.55
Georgetown	28,790	26.25	36.00	13,859	11,500	115.35	407.85
Eagle Pass	28,713	2.34	9.09	10,140	8,190	63.09	265.59
Mansfield	28,329	28.12	40.87	10,200	10,000	95.18	335.18
Weslaco	27,630	14.00	21.00	7,623	9,800	79.65	328.15
The Colony	27,440	17.78	29.78	9,795	8,000	207.75	728.25
Cleburne	26,569	25.11	39.50	10,754	4,856	25.00	39.50
Keller	26,400	27.90	41.45	11,413	15,600	165.00	666.00
Lake Jackson	26,394	14.65	26.60	8,454	8,000	124.60	492.10
Paris	25,513	16.02	30.42	10,000	4,863	126.47	467.05
Marshall	25,150	17.78	32.38	9,268	8,000	149.18	587.15
<b>25,001 - 30,000</b>	<b>Averages</b>	18.20	29.59	9,823	8,959	112.75	415.88
<b>20,001 - 25,000</b>							
University Park	24,250	15.30	27.05	8,289	16,720	121.05	473.55
San Benito	23,317	10.75	14.25	5,607	25,000	45.75	65.75
Watauga	23,213	27.99	46.25	8,000	7,480	192.26	739.70
Corsicana	23,184	10.70	21.40	8,722	7,500	107.00	428.00
Big Spring	23,093	22.50	32.50	8,727	10,000	112.50	412.50
Plainview	23,000	13.45	18.65	7,722	10,000	60.25	216.25
Southlake	22,500	35.16	50.16	7,311	24,000	182.20	632.20
Denison	22,170	19.94	28.49	9,213	6,140	108.14	387.14
Waxahachie	22,038	18.68	31.78	7,290	6,100	157.94	646.19
Benbrook	21,750	14.26	25.38	7,185	2,193	133.15	566.17
Seguin	21,719	14.00	26.50	5,627	10,000	120.00	417.00
Alvin	20,797	16.50	30.00	5,582	7,000	150.00	600.00
Angleton	20,518	18.90	36.35	6,151	6,015	18.90	36.65
Colleyville	20,030	20.31	34.16	7,374	0	144.96	560.46
<b>20,001 - 25,000</b>	<b>Averages</b>	18.46	30.21	7,343	10,627	118.15	441.54
<b>15,001 - 20,000</b>							
Pampa	19,959	17.49	28.14	8,110	8,000	120.18	439.68
Weatherford	19,500	23.48	44.32	8,010	5,025	189.90	725.92
Orange	19,381	13.20	21.25	6,085	5,700	87.14	328.64
Brownwood	19,235	11.29	22.60	7,394	0	112.96	451.87
Schertz	18,500	9.20	15.71	7,036	9,606	86.26	361.36

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Bay City	18,386	14.55	22.60	6,352	9,400	87.00	328.50
Palestine	18,042	14.83	25.43	7,204	7,300	115.51	450.01
Groves	18,000	14.50	28.00	6,221	7,000	136.00	541.00
Rockwall	17,050	15.35	28.60	7,347	7,000	134.60	532.10
Dickinson	17,000	17.75	36.00	5,900	6,000	182.00	729.50
Nederland	16,774	12.50	22.50	6,640	8,000	102.50	402.50
Ennis	16,710	18.91	31.26	5,175	10,480	130.06	500.56
Uvalde	16,214	8.25	12.00	5,300	5,283	45.00	202.50
Mineral Wells	16,000	21.20	33.70	5,516	7,592	137.89	512.89
White Settlement	15,956	20.25	34.00	4,980	5,000	144.00	556.50
Borger	15,675	15.40	27.40	5,773	7,000	123.40	483.40
Belton	15,639	19.64	33.64	4,238	10,360	140.69	517.19
Universal City	15,354	8.90	13.52	4,717	12,000	82.00	229.00
Stephenville	15,262	20.02	30.87	5,274	8,258	183.36	508.86
South Houston	15,240	19.55	29.10	4,220	12,100	105.50	392.00
Donna	15,193	7.75	27.10	4,694	6,100	121.50	486.00
<b>15,001 - 20,000 Averages</b>		15.43	27.04	6,009	7,860	122.21	460.95
<b>10,001 - 15,000</b>							
Humble	15,000	10.90	18.15	6,404	11,000	89.30	336.80
Pflugerville	14,868	14.51	21.56	5,753	5,766	86.96	328.43
Gainesville	14,760	18.25	29.30	6,089	0	135.76	467.26
Hereford	14,745	12.12	20.12	5,275	6,000	84.12	324.12
La Marque	14,723	17.95	31.95	5,500	5,100	143.95	563.95
Taylor	14,690	26.25	37.50	4,890	7,676	127.50	465.00
Portland	14,682	18.68	33.18	4,384	9,000	164.88	706.38
Sulphur Springs	14,616	15.74	27.09	6,015	0	116.75	439.69
Mercedes	14,531	11.88	23.75	3,358	1,636	125.50	403.00
Terrell	14,498	16.75	26.00	4,541	0	137.50	415.00
Richmond	14,307	13.00	22.00	3,089	5,000	105.00	460.00
West University Place	14,103	12.49	21.21	5,850	15,000	127.76	748.26
Levelland	13,986	14.95	25.20	5,194	11,178	109.25	416.75
Lockhart	13,600	24.34	32.89	3,969	6,300	108.29	364.79
Canyon	13,346	14.10	23.84	4,200	9,000	110.64	436.14
Addison	13,250	11.25	18.00	3,500	0	121.59	255.91
Port Neches	13,225	12.25	22.25	5,128	6,000	106.45	424.45
Mount Pleasant	13,037	17.00	27.00	4,729	13,000	107.00	407.00
Highland Village	13,000	17.90	22.40	4,200	11,000	118.80	433.80
Saginaw	12,850	18.10	32.60	4,696	10,000	184.20	746.70
Gatesville	12,500	31.25	42.50	2,729	6,000	132.50	470.00
Pecos	12,069	11.26	20.21	3,650	10,000	101.77	395.77
Forest Hill	12,040	19.12	34.12	4,036	8,000	180.52	713.02
Snyder	12,023	28.12	30.36	4,403	10,000	135.16	528.16
Vernon	12,001	18.21	28.91	4,649	8,000	114.51	359.00
Leander	12,000	35.54	53.54	3,921	6,000	236.83	776.83
Port Lavaca	12,000	19.38	36.83	4,447	0	176.43	699.93
Corinth	12,000	18.50	26.00	4,834	11,000	156.51	381.51
Sweetwater	11,967	15.57	30.22	4,783	0	138.50	554.00
Freeport	11,845	18.60	34.60	4,000	0	1,656.00	8,031.00
Lamesa	11,500	17.35	28.35	4,366	10,000	118.35	446.35
Hewitt	11,500	26.00	39.70	5,000	10,200	169.00	656.00
Converse	11,415	11.89	20.99	3,828	5,000	72.60	131.00
Kilgore	11,363	16.60	27.60	4,782	7,000	108.00	0.00
Henderson	11,280	16.20	28.20	4,820	7,000	137.50	550.00
Roma	11,216	15.17	26.12	5,108	8,000	146.82	595.32
Alamo	11,078	9.50	14.50	4,182	15,000	68.00	353.00
Athens	10,967	13.45	19.90	4,520	9,000	71.50	265.00
Live Oak	10,807	16.50	20.05	2,260	6,844	48.39	167.47
Katy	10,792	10.72	18.66	3,262	7,000	94.50	378.00

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Andrews	10,678	9.95	15.70	3,872	7,000	61.70	234.20
Burkburnett	10,673	12.60	23.60	4,456	8,000	111.60	441.60
El Campo	10,643	12.08	22.28	3,867	6,500	103.88	409.88
Seagoville	10,450	16.60	27.76	2,970	3,000	116.56	409.60
Galena Park	10,409	11.50	18.50	3,318	7,029	85.60	318.10
Azle	10,345	18.38	35.76	3,896	9,000	210.66	836.33
Ingleside	10,257	29.00	41.50	2,530	6,200	174.76	649.76
Wharton	10,200	11.07	18.40	3,109	5,700	83.88	368.88
Bonham	10,080	19.07	29.17	4,679	3,090	109.92	412.72
Sachse	10,050	18.75	31.00	4,243	12,600	102.28	378.28
<b>10,001 - 15,000</b>	<b>Averages</b>	16.93	27.22	4,346	8,019	152.67	623.55
<b>5,001 - 10,000</b>							
Woodway	9,887	24.84	33.14	3,520	6,977	136.64	544.64
Clute	9,835	13.75	27.50	2,475	7,000	137.50	550.00
Jacinto City	9,766	19.76	31.86	2,763	5,000	128.66	491.66
Leon Valley	9,581	9.35	14.99	2,037	8,200	95.25	279.75
Brownfield	9,560	16.42	26.07	3,477	0	103.27	392.77
Seabrook	9,500	15.90	27.40	2,824	5,000	137.40	549.90
Highland Park	9,400	9.75	19.50	4,834	12,000	108.71	445.46
Pleasanton	9,335	8.55	14.65	3,664	7,000	81.75	176.75
Bellmead	9,147	24.40	38.40	3,363	7,000	150.40	570.40
Graham	8,986	14.25	23.00	4,137	12,000	93.00	355.50
Fredericksburg	8,847	8.96	14.31	4,524	9,000	74.10	290.10
Richland Hills	8,750	21.97	35.67	2,968	5,500	184.97	772.97
Fort Stockton	8,524	10.80	20.30	3,192	13,000	96.30	381.30
Hondo	8,446	9.38	17.60	2,462	1,050	96.72	418.37
Tomball	8,400	17.66	27.56	2,471	12,000	115.58	432.48
Webster	8,240	0.00	5.71	793	6,000	122.50	490.00
Bridge City	8,231	14.13	23.93	3,144	5,000	102.33	426.33
Aransas Pass	8,188	23.35	40.60	3,020	6,000	188.35	720.85
Liberty	8,173	16.20	26.95	3,044	5,000	115.95	438.45
Robinson	8,162	33.25	45.50	3,300	15,000	143.50	511.00
Monahans	8,101	10.98	15.93	2,757	10,000	55.53	204.03
Lampasas	8,077	27.58	40.63	2,975	5,000	159.00	571.50
Hillsboro	7,897	26.75	42.50	2,990	7,500	132.50	450.00
Jasper	7,838	11.91	16.61	3,987	10,000	64.72	225.22
Navasota	7,816	25.20	43.20	2,406	6,217	197.20	737.20
Livingston	7,699	19.80	30.30	3,086	8,000	118.30	483.30
Midlothian	7,650	22.02	34.92	2,520	8,500	129.00	487.50
Cleveland	7,507	12.45	22.95	2,400	7,500	106.95	421.95
Commerce	7,205	12.65	25.30	2,240	4,689	126.50	506.00
Rockport	7,191	19.38	32.83	6,617	9,000	152.00	555.50
Dalhart	7,053	12.40	18.90	3,331	6,000	74.40	269.40
Crockett	7,024	22.00	38.50	8,000	8,691	176.00	671.00
Floresville	7,023	13.00	20.50	2,208	3,000	30.00	150.00
Jersey Village	7,000	12.35	22.05	2,004	9,000	165.00	660.00
Edna	7,000	16.55	26.30	2,231	6,100	104.30	396.80
Mexia	6,933	21.55	43.55	2,750	5,000	219.55	879.55
Alamo Heights	6,839	6.34	12.20	2,770	8,800	79.03	299.57
River Oaks	6,822	14.07	29.25	2,820	0	188.52	758.31
Seminole	6,750	10.75	16.50	2,390	10,250	62.50	235.00
Glenn Heights	6,750	33.50	49.75	3,103	8,000	179.75	667.25
Cuero	6,700	16.40	24.40	2,746	10,000	91.45	331.45
Childress	6,700	18.00	26.36	2,300	8,000	93.15	343.65
Sinton	6,625	18.66	29.76	2,184	6,200	132.70	532.00
Gonzales	6,618	15.75	25.75	2,958	14,500	122.00	572.00
Gladewater	6,600	13.80	24.30	3,082	6,520	108.30	426.60
Kaufman	6,529	14.12	22.12	2,315	7,828	104.12	404.12

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Colorado City	6,528	21.65	34.40	2,000	0	136.40	518.90
Whitehouse	6,500	19.50	29.50	2,000	2,000	109.50	409.50
Littlefield	6,489	12.60	19.35	2,548	5,000	75.60	278.10
Marlin	6,386	23.00	38.00	2,510	0	172.00	607.00
Yoakum	6,364	13.71	21.42	2,510	7,900	85.64	317.40
Iowa Park	6,363	15.00	30.00	2,741	0	150.00	600.00
Hitchcock	6,288	19.50	39.50	2,234	7,000	199.50	799.50
Elsa	6,225	12.00	18.25	1,650	0	69.50	257.00
Dayton	6,214	12.75	20.50	2,186	8,000	82.50	315.00
La Feria	6,200	16.90	26.65	2,125	5,660	187.50	480.00
Boerne	6,170	20.10	31.70	2,264	5,900	135.50	488.00
Elgin	6,158	25.40	36.15	2,166	6,700	122.15	444.65
Atlanta	6,118	19.76	31.26	2,500	7,000	132.53	477.53
Kennedale	6,100	16.00	31.00	1,960	15,000	160.50	648.00
Slaton	6,078	24.30	37.80	2,320	10,000	145.80	550.80
Cameron	5,951	11.50	17.75	2,214	5,500	67.75	255.25
Brady	5,946	14.20	21.40	2,972	9,255	84.90	354.90
White Oak	5,897	14.90	26.40	2,019	8,700	139.40	519.40
Sealy	5,890	9.12	16.07	1,740	6,934	76.13	907.13
Mathis	5,808	24.12	34.92	1,751	7,000	121.32	445.32
Breckenridge	5,804	17.50	27.00	2,585	4,112	103.35	440.85
Carrizo Springs	5,779	11.95	18.55	1,960	25,000	93.35	410.85
Marble Falls	5,656	19.15	29.05	2,350	0	108.25	404.35
Granbury	5,626	33.79	67.14	2,883	10,000	333.94	1,334.44
Diboll	5,600	14.40	25.40	1,377	7,500	91.05	351.05
Gilmer	5,516	19.50	39.50	2,700	10,000	199.50	799.50
Bowie	5,412	40.95	63.90	2,849	6,000	250.05	938.55
Coleman	5,410	16.25	25.00	2,597	5,000	95.00	357.50
Rockdale	5,408	18.00	29.25	2,273	8,000	119.25	456.75
Windcrest	5,331	5.63	8.64	2,157	9,883	57.59	318.26
Wake Village	5,316	15.29	27.74	1,994	5,000	16.71	468.40
Decatur	5,284	17.39	31.45	2,004	7,400	149.08	618.58
Bastrop	5,276	18.25	26.25	1,927	8,527	102.25	387.25
New Boston	5,265	18.97	33.22	2,153	3,600	163.23	637.26
Red Oak	5,250	23.15	37.65	1,151	7,078	186.30	703.80
Sanger	5,200	23.25	36.50	1,942	0	0.00	0.00
Denver City	5,170	14.00	22.75	1,628	11,360	97.25	359.75
Hearne	5,132	16.95	24.45	2,452	0	81.15	276.15
Devine	5,130	20.50	30.00	1,700	5,000	108.00	443.50
Keene	5,100	39.40	69.90	1,948	8,000	313.90	1,228.90
Burnet	5,062	28.12	44.67	1,832	5,300	177.07	673.57
West Columbia	5,050	15.73	30.28	1,550	6,450	146.68	583.18
Meadows Place	5,023	13.21	16.86	1,595	7,000	69.24	210.24
Kyle	5,003	8.00	16.00	2,350	0	104.00	524.00
<b>5,001 - 10,000</b>	<b>Averages</b>	17.71	28.80	2,617	7,746	125.91	495.25
<b>2,001 - 5,000</b>							
Presidio	5,000	15.05	24.30	1,510	0	0.00	0.00
La Joya	5,000	15.30	22.60	900	6,000	15.30	22.60
McGregor	4,942	32.25	43.50	1,990	8,100	133.50	471.00
Tulia	4,922	17.45	26.95	2,014	7,500	102.95	387.95
Mineola	4,921	18.30	32.10	2,455	0	145.71	559.71
Lake Worth	4,829	17.86	29.70	1,946	10,011	191.00	222.00
Lago Vista	4,627	17.20	27.20	2,672	9,000	107.20	407.20
Nassau Bay	4,606	31.00	38.00	1,396	7,000	104.00	351.50
Muleshoe	4,571	17.50	24.00	1,860	8,000	93.00	425.00
Murphy	4,500	16.23	23.50	0	13,000	83.50	308.50
Dimmitt	4,408	8.25	13.25	1,766	40,000	53.75	257.50
Pittsburg	4,396	18.79	31.75	1,700	5,000	106.15	487.75

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Bridgeport	4,376	20.26	36.08	1,537	8,373	198.62	786.62
Rusk	4,366	18.50	31.00	1,479	0	147.25	622.25
Prairie View	4,357	12.30	19.55	700	5,500	93.25	355.75
Fair Oaks Ranch	4,286	18.00	24.00	1,832	14,700	89.40	404.40
La Grange	4,215	13.45	18.95	2,157	5,000	67.45	254.95
Hempstead	4,198	11.44	17.54	2,103	5,000	87.38	328.88
Comanche	4,087	20.46	38.06	1,875	6,500	146.06	562.12
Smithville	4,070	14.43	23.00	1,695	10,000	91.60	348.85
Woodville	4,028	15.65	24.80	1,425	7,000	106.80	421.80
Ballinger	4,003	22.75	42.75	1,900	5,000	202.75	802.75
Madisonville	4,000	13.78	23.43	1,716	5,600	128.13	459.63
Little Elm	4,000	16.90	28.40	2,180	0	120.40	465.40
Heath	4,000	17.50	30.00	600	24,000	0.00	0.00
Bellville	3,983	15.73	21.23	1,868	5,300	65.23	230.23
Friena	3,908	10.85	17.10	1,380	10,000	76.60	324.10
Floydada	3,896	24.00	34.00	1,537	5,000	116.00	416.00
Spring Valley	3,827	16.50	27.75	1,465	10,000	144.25	556.75
Stamford	3,817	22.50	36.25	1,600	8,500	146.25	558.75
Cisco	3,813	22.00	32.00	1,625	4,196	121.00	472.10
Cockrell Hill	3,800	22.75	35.25	1,021	6,078	137.50	490.00
Teague	3,790	26.60	46.60	1,536	6,650	206.60	806.60
Post	3,768	23.75	32.50	1,400	14,000	842.75	3,467.75
Bunker Hill Village	3,759	5.50	11.00	1,316	25,000	0.00	0.00
Dublin	3,750	23.02	45.27	1,465	0	215.27	852.77
Kenedy	3,700	15.00	26.25	1,492	4,000	116.25	453.75
Eastland	3,690	24.58	36.66	1,719	7,000	160.48	613.48
Big Lake	3,672	13.90	22.80	1,223	13,200	98.80	383.80
Columbus	3,624	9.79	14.94	1,629	1,300	64.69	273.19
Anthony	3,616	9.35	13.35	708	7,000	74.85	214.35
Caldwell	3,575	15.60	25.35	1,726	8,000	120.35	502.85
Jacksboro	3,527	28.25	43.75	1,563	7,500	237.50	762.50
Olney	3,519	17.80	25.80	1,660	8,000	89.80	329.80
Willow Park	3,500	32.11	41.36	1,102	6,000	0.00	0.00
Los Fresnos	3,500	16.00	23.50	1,244	14,500	89.50	395.50
Willis	3,476	15.80	22.80	1,646	11,000	99.00	399.00
Bishop	3,456	27.79	42.44	1,350	9,000	159.64	613.94
Quanah	3,413	25.75	34.50	1,436	4,000	114.00	410.00
Wills Point	3,403	20.75	29.50	1,759	4,700	118.50	483.50
Groesbeck	3,386	24.52	41.42	1,677	8,000	176.62	683.62
Taft	3,369	23.49	39.34	1,543	8,000	166.64	642.14
Haskell	3,362	17.05	27.80	1,600	8,000	113.80	436.30
Clifton	3,353	35.50	54.25	1,424	8,999	315.25	1,252.75
Winnsboro	3,350	22.80	38.30	1,589	0	174.90	691.20
Alvarado	3,345	25.50	46.50	1,187	7,000	183.00	708.00
Edcouch	3,309	8.00	8.00	830	10,000	16.00	16.00
Ovilla	3,287	30.15	48.40	1,195	8,400	238.40	1,115.90
Fairfield	3,287	19.77	36.27	1,511	6,200	194.31	765.81
Canton	3,263	16.75	29.00	1,807	12,000	129.25	504.25
Spearman	3,197	10.60	16.35	1,486	15,000	62.35	234.85
Seymour	3,185	23.60	41.10	1,406	6,700	181.10	706.10
Needville	3,165	12.65	22.65	975	8,625	102.65	402.65
Refugio	3,158	12.15	18.65	1,340	3,000	70.65	265.65
Royse City	3,150	23.50	34.75	1,029	15,985	125.75	463.25
Premont	3,135	11.00	15.50	1,020	12,000	47.50	167.50
Castroville	3,114	12.00	19.25	1,081	0	86.25	438.75
Electra	3,113	20.95	39.20	1,537	4,500	185.20	732.70
Fairview	3,050	16.60	27.60	1,060	26,714	160.75	678.25
Sonora	3,040	13.55	17.60	1,451	8,000	44.25	210.75
Hutchins	3,002	19.00	36.50	795	3,000	178.90	711.40

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Clyde	3,002	32.00	57.00	1,455	7,000	257.00	1,007.00
San Saba	3,000	17.50	27.00	1,344	4,298	127.00	502.00
Roanoke	3,000	16.50	46.50	839	5,763	174.75	699.75
Dilley	3,000	20.74	34.74	1,060	5,605	138.74	528.74
Fritch	2,950	13.00	25.00	1,370	9,000	121.00	481.00
Reno	2,942	19.63	47.21	1,087	4,860	19.63	47.21
Hamilton	2,937	29.75	39.50	1,543	4,700	121.50	414.00
Van Horn	2,930	17.92	27.77	950	10,000	117.16	444.16
Karnes City	2,916	15.25	30.50	1,186	3,000	152.50	610.00
Lindale	2,912	16.60	27.60	1,713	6,700	178.00	703.00
Henrietta	2,896	20.50	33.00	1,441	7,500	1,258.00	5,008.00
Nocona	2,870	20.91	20.91	1,474	15,000	66.40	362.00
Richwood	2,859	18.00	31.75	798	6,000	141.75	554.25
Grand Saline	2,859	14.64	21.54	1,325	7,473	122.00	502.00
Edgecliff Village	2,844	17.89	33.49	1,025	8,000	220.49	781.49
Princeton	2,830	17.40	30.90	1,345	10,000	152.90	617.90
Cibolo	2,811	17.20	27.45	1,183	0	111.35	418.85
Trinity	2,800	21.75	35.50	2,140	2,200	145.50	558.00
Sunnyvale	2,800	23.60	35.10	1,159	0	127.10	461.90
Abernathy	2,783	18.05	26.30	1,150	0	92.30	339.80
Lytle	2,770	11.80	16.30	1,107	5,800	20.30	24.80
Hallettsville	2,770	8.40	12.40	1,503	7,000	66.50	201.50
Schulenburg	2,730	11.75	16.75	1,256	3,300	75.75	308.25
George West	2,717	15.00	20.25	1,033	6,200	76.95	279.45
Marfa	2,703	14.85	23.85	1,198	12,000	95.85	365.85
Junction	2,696	10.12	15.02	1,230	8,000	54.22	201.22
Pinehurst	2,682	15.41	25.61	997	5,000	107.21	413.21
West	2,676	20.70	34.45	1,249	0	179.72	688.22
Daingerfield	2,655	17.00	29.50	1,031	5,500	129.00	444.00
Gregory	2,654	22.35	39.60	632	0	178.45	0.00
Anson	2,644	23.50	36.00	1,200	0	189.00	511.00
Santa Rosa	2,626	16.50	24.25	740	8,000	84.79	317.29
Early	2,613	13.75	29.00	1,150	4,600	170.00	694.00
Odem	2,611	23.25	39.50	10,065	5,042	195.62	722.12
Morton	2,597	15.00	25.00	929	6,000	105.00	410.00
Corrigan	2,597	21.45	35.20	660	7,000	203.30	761.00
Primera	2,589	15.40	24.40	1,192	0	104.40	404.40
Pantego	2,501	8.80	15.80	1,147	0	71.80	281.80
Granite Shoals	2,500	30.25	41.25	1,900	0	0.00	0.00
Ferris	2,500	20.80	34.20	811	9,444	21.60	587.10
Seagraves	2,477	17.00	24.50	840	10,467	84.50	309.50
Merkel	2,469	21.75	32.75	1,220	6,500	137.75	467.75
Memphis	2,465	11.95	25.20	1,188	5,300	131.20	528.70
Wellington	2,456	19.25	28.00	1,284	5,208	19.25	28.00
Canadian	2,417	17.50	23.50	1,144	10,000	93.50	356.00
Weimar	2,400	10.00	19.50	1,012	5,317	142.90	620.40
Glen Rose	2,395	21.75	34.50	966	4,000	152.75	572.75
Panhandle	2,353	10.20	21.20	1,099	8,700	10.20	43.20
San Augustine	2,337	16.30	26.80	1,224	6,000	103.35	365.85
Kountze	2,320	19.00	31.50	898	7,000	170.25	657.75
Buda	2,306	11.10	19.45	1,020	0	86.25	336.75
Howe	2,301	19.35	35.60	1,010	5,700	168.60	686.10
Wolfforth	2,288	15.80	30.30	1,011	5,500	146.30	581.30
Shamrock	2,286	13.55	22.80	1,307	4,250	96.80	374.30
Nash	2,271	17.70	30.45	990	4,500	132.30	464.80
Double Oak	2,268	34.04	44.24	777	0	126.34	431.84
Chandler	2,263	18.00	33.50	1,060	5,000	173.50	698.50
Rocksprings	2,253	11.00	16.50	545	6,000	63.50	303.50
Rio Hondo	2,242	14.00	14.00	624	10,725	84.00	309.00

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Mason	2,238	7.70	11.70	1,149	25,000	51.70	201.70
Malakoff	2,224	26.40	41.90	916	4,800	199.15	701.65
Olmos Park	2,219	5.84	12.46	831	0	68.46	273.84
Shepherd	2,212	17.25	26.00	960	6,000	81.00	256.00
Yorktown	2,207	13.00	20.50	1,047	1,100	80.50	305.50
Lockney	2,207	26.25	40.00	800	7,000	150.00	562.50
Goliad	2,205	16.00	26.00	960	8,300	114.00	444.00
Shallowater	2,200	13.60	25.10	755	0	117.00	481.80
De Leon	2,190	22.50	41.25	1,090	0	317.83	1,276.33
Stinnett	2,166	8.50	16.00	990	3,000	76.00	301.00
Cooper	2,157	24.25	37.50	956	0	112.45	412.45
Springtown	2,150	27.30	47.90	895	4,966	216.82	834.82
Mabank	2,140	18.00	28.00	3,076	5,730	108.00	408.00
Overton	2,105	19.00	34.00	1,006	8,000	160.00	610.00
Mont Belvieu	2,100	2.95	5.20	939	0	25.25	92.75
Van	2,099	12.25	26.00	1,200	4,000	106.00	406.00
Idalou	2,092	13.75	19.50	810	14,000	102.00	175.80
Poth	2,086	14.30	20.05	736	0	66.05	238.55
Shiner	2,074	9.50	14.50	1,142	4,540	70.00	320.00
Clarendon	2,067	15.00	22.00	909	5,764	82.00	160.00
Eldorado	2,042	9.00	14.00	947	0	54.00	204.00
Nixon	2,031	10.90	17.40	800	10,000	69.40	264.40
Panorama Village	2,026	10.70	18.85	887	8,800	84.05	328.55
Anahuac	2,011	17.30	26.55	911	5,000	137.15	649.65
Mart	2,006	44.25	61.75	1,005	6,100	275.75	1,175.75
<b>2,001 - 5,000</b>	<b>Averages</b>	<b>17.90</b>	<b>28.78</b>	<b>1,344</b>	<b>8,020</b>	<b>134.70</b>	<b>519.66</b>
<b>2,000 OR LESS</b>							
Krum	2,000	9.80	17.80	775	7,600	81.80	321.80
Shavano Park	2,000	23.05	29.05	670	0	0.00	0.00
Hudson Oaks	2,000	33.00	46.00	599	0	150.00	540.00
Garden Ridge	2,000	18.00	24.25	755	3,700	0.00	0.00
Italy	1,987	27.00	45.00	753	7,300	235.00	472.00
DeKalb	1,976	19.66	35.66	889	7,596	163.66	643.66
Hughes Springs	1,938	19.00	29.00	1,077	4,500	129.00	504.00
Kirbyville	1,932	13.63	19.68	913	6,500	13.63	30.57
Waskom	1,917	18.00	26.75	985	5,000	103.56	366.06
Three Rivers	1,915	17.90	26.90	18	8,000	98.90	368.90
Rotan	1,913	23.75	42.50	940	10,300	180.00	765.00
Huntington	1,907	30.38	50.28	859	334	214.71	811.71
Sunray	1,861	18.00	25.75	829	9,000	87.75	320.25
Queen City	1,854	17.76	32.36	670	5,000	130.03	493.59
Leonard	1,852	17.45	30.95	768	5,356	138.95	543.95
Lyford	1,850	13.00	20.50	750	5,000	80.50	305.50
Ganado	1,850	20.10	31.10	783	3,300	119.10	449.10
Waller	1,841	14.50	38.00	897	4,800	218.00	893.00
Justin	1,800	23.32	38.72	704	5,000	342.40	704.40
Archer City	1,797	22.00	44.50	900	5,000	224.50	899.50
Stratford	1,781	12.50	20.00	891	8,000	81.00	306.00
Blanco	1,765	20.63	34.38	836	4,965	144.38	556.88
Sundown	1,759	10.80	17.30	583	15,000	69.30	268.60
Honey Grove	1,746	21.55	33.05	775	6,500	125.05	470.05
Woodsboro	1,731	14.80	22.80	748	4,970	86.80	326.80
Troup	1,717	19.00	30.25	900	8,000	120.25	487.75
Stockdale	1,715	13.25	19.50	616	5,680	84.50	422.00
Whitney	1,711	26.25	40.00	903	2,883	164.00	614.00
Sabinal	1,702	15.25	21.50	709	0	71.50	334.50
Kerens	1,700	34.34	51.24	675	4,500	186.44	693.44
Goldthwaite	1,696	18.25	29.75	892	4,119	121.75	466.75

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Charlotte	1,695	15.06	24.71	603	6,000	101.91	356.67
Somerville	1,684	15.10	22.10	761	6,376	67.20	288.10
Quitman	1,684	24.24	43.59	960	0	199.09	789.73
Sour Lake	1,679	27.10	39.45	813	0	138.25	508.75
Menard	1,676	14.10	22.60	818	7,000	90.60	345.50
Hubbard	1,674	35.19	56.89	693	5,466	230.49	881.49
Lone Star	1,673	20.00	37.50	764	4,000	177.50	702.50
Aledo	1,653	20.40	33.75	630	0	172.95	705.45
Venus	1,650	27.00	38.50	300	5,596	150.00	535.00
Prosper	1,650	12.15	12.15	758	10,000	13.25	19.75
La Grulla	1,846	21.00	28.50	1,875	9,000	98.00	537.00
Bartlett	1,645	19.00	24.00	600	5,000	64.00	214.00
Shoreacres	1,618	17.50	37.50	630	0	207.50	830.00
Bangs	1,612	33.10	46.60	807	0	154.60	559.60
Eden	1,607	20.80	25.60	650	5,000	113.80	267.76
Munday	1,600	18.50	29.75	650	0	119.75	457.25
Wolfe City	1,595	16.80	23.50	768	5,208	77.50	280.05
Troy	1,545	16.50	27.75	619	8,676	129.75	467.25
Quintan	1,535	33.05	54.80	592	4,000	228.80	881.30
Muenster	1,534	17.00	23.25	660	0	83.25	345.75
Calvert	1,528	11.83	14.08	660	8,540	11.83	14.08
Rollingwood	1,513	12.70	24.70	539	0	125.20	657.70
Holliday	1,511	21.75	33.00	746	0	127.50	465.00
Naples	1,508	15.00	25.00	614	6,000	85.50	310.50
Melissa	1,500	30.50	58.75	287	5,500	0.00	0.00
Lorena	1,500	45.89	57.14	815	11,000	0.00	0.00
Blossom	1,487	29.20	49.45	573	5,047	211.45	818.95
Grapeland	1,473	22.00	37.00	916	5,000	157.00	607.00
Farwell	1,444	10.60	15.60	625	5,000	43.60	156.10
Knox City	1,440	18.60	29.60	603	6,000	117.60	408.00
Cut And Shoot	1,427	29.00	44.00	29	7,000	164.00	614.00
Plains	1,422	10.00	17.50	604	5,854	77.50	302.50
Granger	1,422	23.83	35.56	565	6,725	91.33	241.33
Bogata	1,421	18.50	36.00	599	3,535	176.00	701.00
Johnson City	1,417	17.91	32.06	506	2,000	153.42	603.42
Meridian	1,415	42.50	62.50	603	5,400	256.50	1,125.50
Moody	1,397	33.75	45.00	654	4,944	135.00	472.00
Flatonina	1,397	14.20	19.70	587	4,825	16.64	440.54
Seadrift	1,376	25.00	50.00	660	7,500	220.00	745.00
Hico	1,375	22.25	42.25	660	5,700	208.75	996.75
Tatum	1,360	20.20	33.95	560	0	143.95	556.45
Kemp	1,356	27.35	45.70	720	5,000	218.40	873.60
Iraan	1,350	13.45	19.20	591	15,000	76.80	244.80
Grandview	1,346	38.00	55.50	507	7,867	195.50	720.50
Franklin	1,337	12.00	14.50	780	0	34.50	96.00
Claude	1,321	10.00	20.00	588	13,500	100.00	400.00
Boyd	1,319	32.63	53.68	476	5,117	239.28	893.28
Bandera	1,311	15.25	30.25	773	3,500	177.00	908.50
Aubrey	1,303	21.00	36.00	593	5,050	208.00	808.00
Petersburg	1,302	12.50	22.50	505	8,000	103.00	403.00
Spur	1,300	25.21	39.11	622	5,000	133.91	524.94
Pottsboro	1,300	17.80	32.05	710	6,230	146.05	579.25
Haslet	1,300	21.50	34.00	481	22,000	574.00	2,674.00
La Coste	1,290	6.25	14.50	443	5,374	100.00	400.00
Gorman	1,290	20.35	35.10	538	8,000	153.10	596.60
Clear Lake Shores	1,290	16.25	32.50	491	9,000	162.75	650.00
Robert Lee	1,276	13.80	22.05	648	8,000	88.05	341.10
Holland	1,249	28.74	52.49	400	6,000	242.49	954.99
Hemphill	1,242	23.03	31.40	647	4,070	98.40	349.65

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Booker	1,236	10.00	16.25	658	0	66.25	253.75
Crowell	1,230	26.00	27.40	580	7,500	50.00	200.00
Earth	1,228	13.00	20.50	480	30,000	70.00	305.00
White Deer	1,225	8.75	15.00	542	3,000	68.75	297.50
Hart	1,221	16.50	21.50	440	5,000	0.00	0.00
Magnolia	1,220	27.60	34.60	799	5,500	79.40	300.60
Anton	1,212	10.00	17.50	460	7,000	82.20	322.20
Frankston	1,209	14.00	24.00	565	10,000	104.00	404.00
Lorenzo	1,208	11.00	18.50	495	0	86.00	386.00
West Tawakoni	1,200	25.75	36.75	966	4,330	149.50	562.00
Ransom Canyon	1,200	17.10	26.60	435	10,000	0.00	0.00
Jamaica Beach	1,200	22.20	34.70	1,134	5,056	134.70	509.70
Hutto	1,200	23.49	37.14	622	5,500	146.34	555.84
Emory	1,200	28.35	48.40	823	0	255.60	1,057.50
Tiki Island	1,200	27.65	47.15	782	8,000	203.15	788.15
Rogers	1,195	22.75	34.00	500	0	0.00	0.00
Marion	1,191	20.00	30.00	553	0	125.70	478.20
Wallis	1,190	14.38	27.31	545	7,000	131.39	519.51
Wink	1,189	15.05	21.35	390	0	15.05	21.35
Ames	1,187	17.56	31.06	475	0	120.00	506.06
Splendora	1,175	19.90	30.40	2,133	8,000	118.80	433.80
Gruver	1,172	9.00	16.50	625	13,500	76.50	301.50
Runge	1,168	17.50	25.00	379	0	85.00	310.00
Bruceville-Eddy	1,166	29.80	42.80	1,624	5,442	146.80	536.80
Coahoma	1,156	23.94	49.34	1,000	6,000	261.24	1,023.24
Caddo Mills	1,146	30.42	51.84	460	5,000	234.64	920.14
Trinidad	1,143	25.95	40.95	532	6,794	412.50	750.00
Groveton	1,141	32.75	50.25	567	3,200	196.50	721.50
Collinsville	1,140	17.20	23.70	750	6,000	75.70	420.70
Thorndale	1,134	31.50	44.00	575	6,000	144.00	519.00
Manor	1,131	25.25	34.25	454	0	106.25	376.25
Lexington	1,130	6.00	14.00	717	1,007	0.00	0.00
Bertram	1,119	22.30	31.30	590	6,000	103.30	373.30
Garrison	1,111	17.00	23.25	601	0	45.75	154.50
Bremond	1,110	16.25	24.00	500	7,000	94.00	356.50
Sterling City	1,106	14.50	24.50	482	15,000	104.50	404.50
Valley Mills	1,103	14.75	21.00	600	9,000	71.00	258.50
Elkhart	1,088	19.90	35.15	778	4,500	157.15	614.65
Tenhaha	1,072	17.50	25.00	602	3,000	85.00	310.00
Florence	1,066	17.50	25.00	479	7,702	107.50	482.50
Cross Plains	1,063	25.20	41.70	600	6,000	173.70	668.70
Bells	1,058	28.60	44.35	540	0	170.35	642.85
Ore City	1,056	14.10	20.10	503	5,000	68.10	248.10
Gunter	1,050	19.44	27.49	399	5,000	91.89	333.39
Saint Jo	1,048	17.25	28.50	842	2,500	118.50	456.00
Timpson	1,043	11.80	19.80	578	5,259	11.80	19.80
Alvord	1,038	25.50	45.50	494	6,000	205.00	0.00
New Waverly	1,034	14.00	24.00	450	5,500	104.00	404.00
Wortham	1,020	43.48	64.68	532	4,987	234.28	870.28
Rankin	1,011	10.93	22.43	381	17,200	118.60	452.28
Sudan	1,010	14.50	22.00	451	5,578	82.00	307.00
Redwater	1,000	22.00	34.25	871	6,091	155.25	605.25
Daisetta	996	10.50	15.50	414	3,500	55.50	205.50
Lakeside	976	23.09	30.44	714	4,712	0.00	0.00
Point Comfort	962	17.94	37.79	430	4,500	196.59	792.09
Bronte	962	14.50	22.00	515	0	88.25	350.75
Pineland	954	12.35	19.60	475	9,000	77.60	295.10
La Vernia	946	15.70	22.45	470	8,000	88.95	513.95
New London	926	13.00	19.50	754	0	0.00	0.00

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Oyster Creek	912	13.20	22.20	420	2,322	99.00	69.00
Berryville	899	26.50	44.00	500	0	184.00	709.00
Newark	881	22.33	44.40	367	5,700	207.70	810.70
Savoy	877	20.73	36.47	338	5,293	167.35	639.85
Blooming Grove	870	25.38	39.48	400	0	152.28	575.28
Arp	863	19.75	28.50	473	10,183	98.50	361.00
Rising Star	859	21.50	39.50	372	0	179.00	704.00
McLean	849	10.25	14.00	437	4,000	44.00	170.75
Vega	840	15.50	24.25	450	7,000	94.25	67.10
Omaha	840	15.60	21.50	525	0	69.50	249.50
Petrolia	833	22.00	37.00	400	4,500	157.00	607.00
Point	831	31.90	45.00	600	4,000	172.40	782.40
Mertzou	827	21.00	29.00	290	5,018	134.00	271.00
Celeste	814	19.40	34.90	375	4,500	158.90	623.90
Agua Dulce	814	25.43	43.64	310	8,000	0.00	0.00
Walnut Springs	810	23.00	34.25	311	5,000	115.50	0.00
Coolidge	800	30.63	51.88	320	7,500	230.66	871.66
Milford	798	38.00	58.00	300	0	218.00	818.00
Rule	783	24.00	36.00	342	5,000	196.00	796.00
Kress	783	26.00	39.50	300	4,000	179.50	704.50
Silverton	779	26.00	36.00	390	0	116.00	416.00
Jewett	772	12.50	18.75	512	7,000	78.75	303.75
Dawson	771	35.50	51.00	450	0	175.00	640.00
Eustace	769	25.50	38.00	437	6,000	141.00	516.00
Wells	761	25.50	48.00	382	3,422	228.00	903.00
Lindsay	756	16.80	25.60	316	6,000	118.60	418.60
Big Wells	752	23.50	32.25	276	6,500	102.25	364.75
Amherst	742	18.00	25.50	310	5,000	85.50	320.00
Surfside Beach	734	23.00	30.50	823	3,000	90.50	0.00
New Deal	730	26.00	41.00	260	4,500	161.00	611.00
Skellytown	725	16.50	25.00	259	6,500	93.00	356.00
Thrall	720	19.25	33.50	295	5,000	147.50	575.00
Detroit	706	22.50	35.00	333	5,500	173.00	0.00
Selma	685	9.50	14.50	474	0	95.00	329.00
Kendleton	670	16.00	19.00	210	9,000	63.00	288.00
Trenton	669	27.66	41.01	348	5,802	147.81	548.33
Rose City	643	27.90	44.40	260	2,500	213.00	813.00
Miami	641	7.00	14.00	325	0	70.00	290.00
Roxton	640	29.25	55.50	315	5,500	0.00	0.00
Tolar	627	32.75	54.00	265	0	224.00	861.00
Colmesneil	625	24.00	31.50	501	4,890	91.50	316.50
Roby	616	20.20	40.40	450	3,000	20.20	40.40
Rio Vista	613	33.00	53.00	323	7,000	309.00	1,209.00
Groom	613	10.84	17.24	325	4,168	13.84	20.24
Jayton	608	10.75	17.00	327	2,100	67.00	254.00
Fate	600	29.00	44.00	335	7,500	184.00	784.00
Happy	597	18.00	26.75	300	10,000	96.75	429.25
Ingleside on the Bay	595	43.05	64.80	290	3,889	0.00	0.00
Blue Ridge	595	28.80	39.80	302	5,000	127.80	457.80
Lovelady	594	21.00	36.00	361	0	156.00	606.00
Frost	593	30.25	58.75	252	6,551	329.50	1,304.50
Oakwood	584	20.50	0.00	271	8,424	0.00	0.00
Grandfalls	583	27.90	37.80	247	20,000	171.00	468.00
Ector	578	17.00	27.00	315	4,939	0.00	0.00
Wickett	560	12.50	17.50	220	5,000	57.50	207.50
Murchison	560	22.50	35.00	326	7,000	135.00	510.00
Alba	554	23.00	38.00	384	4,800	158.00	554.00
Texline	547	14.50	20.75	243	0	127.25	302.25
Meadow	547	10.00	10.00	229	6,550	50.00	200.00

Population Group City Name	Residential Water					Commercial Water	
	City Population	Fee For		Total Customers	Average Usage	Fee For	
		5,000 Gal.	10,000 Gal.			50,000 Gal.	200,000 Gal.
Dell City	539	44.00	72.00	192	3,856	359.00	1,409.00
Scotland	535	16.20	24.20	320	5,000	16.20	24.20
Barstow	535	18.00	26.00	210	6,198	0.00	0.00
New Summerfield	521	20.25	29.00	399	6,000	99.00	396.00
Morgan	521	24.80	32.00	191	0	76.00	316.00
Ponder	519	22.90	34.40	500	6,500	151.40	608.90
Quitaque	513	13.00	23.00	250	5,000	103.00	403.00
Whiteface	512	13.50	18.20	250	13,000	97.85	375.30
Turkey	507	17.50	26.00	296	2,000	0.00	0.00
Oglesby	504	19.50	34.50	270	6,013	0.00	0.00
Winona	503	19.75	33.50	298	8,221	19.75	33.50
Northlake	500	12.50	25.00	6,000	0	175.00	1,030.00
Avinger	495	19.75	35.75	247	5,222	165.75	1,940.75
Ropesville	494	14.00	20.25	198	0	0.00	0.00
Gordon	478	24.58	33.72	314	7,000	139.97	567.47
Higgins	464	7.50	15.00	240	0	75.00	300.00
Rochester	458	17.25	26.25	190	5,000	0.00	0.00
Smyer	449	36.50	46.50	172	5,000	126.50	426.50
Grey Forest	447	25.00	32.50	187	7,253	0.00	0.00
Evant	444	33.70	48.20	230	5,000	0.00	0.00
Avery	430	18.90	29.40	255	4,000	113.40	470.40
Gustine	430	14.50	30.00	242	0	0.00	0.00
Liverpool	424	27.00	32.00	125	4,560	0.00	0.00
Lipan	421	42.60	65.85	280	11,000	251.85	949.35
Hedley	421	17.00	23.25	210	5,000	66.25	253.75
Blum	406	30.00	45.00	185	0	167.00	617.00
Bayside	400	30.50	52.50	189	3,000	0.00	0.00
Devers	400	12.40	0.00	265	4,000	0.00	0.00
San Leanna	390	14.00	19.50	151	1,000	0.00	0.00
Dodd City	389	24.00	41.50	231	5,200	181.50	346.50
Blanket	384	16.80	32.00	190	5,000	199.45	919.45
Morgan's Point	376	9.50	22.50	173	0	58.50	409.00
Lueders	365	24.00	50.40	219	0	840.00	3,360.00
Goodrich	353	23.00	33.00	225	6,915	98.00	392.00
Nordheim	344	16.02	20.22	193	3,000	0.00	0.00
Darrouzett	343	14.74	21.34	183	5,000	74.14	272.14
Lakeside	331	16.00	23.50	394	7,000	0.00	0.00
Tehuacana	330	30.00	50.00	152	5,263	0.00	0.00
Goldsmith	325	14.50	25.75	135	15,000	115.75	453.25
Oak Ridge	316	11.75	11.75	1,113	10,000	107.70	340.20
Hays	315	9.50	38.80	88	5,000	0.00	0.00
Marquez	313	16.00	26.00	201	0	106.00	406.00
Warren City	294	20.00	32.50	125	5,000	132.50	507.50
Covington	262	40.00	60.00	204	0	0.00	0.00
Richland	260	43.03	62.13	218	2,500	0.00	0.00
Carbon	255	30.49	54.64	220	0	0.00	0.00
Westlake	250	13.15	26.30	3,000	0	131.50	526.00
Cottonwood	244	22.26	34.98	397	4,000	143.98	544.48
Sanford	218	23.00	33.00	98	0	119.50	434.50
Oak Ridge	211	28.00	56.00	120	4,000	163.00	652.00
Carmine	200	17.50	25.00	175	4,000	85.00	269.50
Opdyke West	170	0.00	0.00	75	10,234	71.15	219.65
Springlake	150	11.00	16.00	84	2,023	56.00	224.00
Quintana	98	12.50	20.00	35	4,000	80.00	305.00
<b>2,000 OR LESS Averages</b>		20.75	32.88	539	6,273	136.64	525.25
<b>Total Number of Cities Reporting</b>	<b>663</b>						

Wastewater Fees By Population Category  
Summary

Population Group	Residential Sewer				Commercial Sewer	
	No. of Cities Reporting	Average Fee For		Avg. Total Customers	Average Fee For	
		5,000 Gal.	10,000 Gal.		50,000 Gal.	200,000 Gal.
2,000 OR LESS	240	14.21	17.99	444	69.86	238.33
2,001 - 5,000	151	14.09	19.45	1,136	84.15	323.81
5,001 - 10,000	86	15.08	21.55	2,387	89.21	338.50
10,001 - 15,000	47	15.37	23.23	4,005	130.27	484.31
15,001 - 20,000	20	17.36	31.23	5,699	126.95	485.02
20,001 - 25,000	14	16.67	25.72	6,478	97.04	346.32
25,001 - 30,000	11	15.29	25.29	8,773	112.14	409.21
30,001 - 50,000	26	15.60	26.29	10,795	126.30	496.79
50,001 - 75,000	10	16.57	27.69	17,795	122.01	462.47
75,001 - 100,000	6	14.49	23.45	24,645	116.63	461.99
100,001 - 200,000	10	11.66	19.24	37,623	81.56	315.16
200,001 - 350,000	3	16.35	48.22	67,983	116.08	376.89
MORE THAN 500,000	4	15.81	30.53	258,460	150.16	592.18
<b>Total / Averages</b>	<b>628</b>	<b>14.64</b>	<b>20.75</b>	<b>5,120</b>	<b>88.77</b>	<b>328.44</b>

# TML Online

The Texas Municipal League  
cordially invites you to  
visit our website.

[www.tml.org](http://www.tml.org)

We encourage you to sign our guestbook  
and share your observations.

**Appendix E:  
Public Comment  
&  
TWDB Comment**

## **Appendix E**

### **Public Comment & TWDB Comment**

At its May 15 meeting, the Brazos G RWPG received comments from the public on the draft IFR Report. Susan Kaderka (National Wildlife Federation), Nick Roberts (Bell-Milam Land and Water Rights Association), and Heywood and Harriet Clemons (Milam County property interests) all made general comments regarding inadequate opportunity for public comment. The Brazos G RWPG noted that all required rules and public notice requirements regarding the IFR were met; however, based on these comments, the RWPG decided to post the IFR on the web and accept public comments through May 31. As of June 1, no additional comments have been received.

In addition to the comments above, Susan Kaderka made the following specific comments regarding policy recommendations:

- Financial investment is needed to encourage water conservation; and
- Entities requesting funding for water projects should demonstrate a benefit to cost ratio greater than 1 (benefits are greater than the costs).

The RWPG chose not to incorporate these comments into the IFR Report.

Also included in this appendix is the TWDB comment letter on the IFR Report. These comments have been incorporated into the report.



# TEXAS WATER DEVELOPMENT BOARD



Wales H. Madden, Jr., *Chairman*  
 William W. Meadows, *Member*  
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J. Kevin Ward  
*Executive Administrator*

Jack Hunt, *Vice Chairman*  
 Thomas Weir Labatt III, *Member*  
 E. G. Rod Pittman, *Member*

May 21, 2002

Mr. Phillip J. Ford  
 General Manager/CEO  
 Brazos River Authority  
 P. O. Box 7555  
 Waco, Texas 76714

MAY 24 2002  
 GENERAL

RE: Regional Water Planning Grant Contract Between the Brazos River Authority (BRA) and the Texas Water Development Board (Board), Contract No. 2002-483-422, Review of Draft Final Reports Entitled "Brazos G Regional Water Planning Area Infrastructure Financing Report"

Dear Mr. Ford:

Staff members of the Texas Water Development Board have completed a review of the draft report under Board Contract No. 2002-483-422. As stated in the above referenced contract, the BRA will consider incorporating comments from the EXECUTIVE ADMINISTRATOR shown in Attachment 1 and other commentors on the draft final report into a final report. The BRA must include a copy of the EXECUTIVE ADMINISTRATOR's comments in the final report.

The Board looks forward to receiving one (1) electronic copy, one (1) unbound single-sided camera-ready original, and nine (9) bound double-sided copies of the final report on this planning project.

Please contact Mr. David Meesey at (512) 936-0852 if you have any questions about the Board's comments.

Sincerely,

William F. Mullican, III  
 Deputy Executive Administrator  
 Office of Planning

Cc: David Meesey, TWDB

### Our Mission

*Provide leadership, technical services and financial assistance to support planning, conservation, and responsible development of water for Texas.*

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**ATTACHMENT 1  
TEXAS WATER DEVELOPMENT BOARD  
Contract No. 2002-483-422**

**REPORT COMMENTS**

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1. For county-aggregated water uses (5b), the process used for documentation of responses appears to be incomplete (some are present but not all). Please complete the table using N/A where needed.
  
2. Board staff briefly reviewed the revised template table. Please note that in the cases where the table has "see survey" in the comment field and doesn't include any numbers in the table, the responses will be grouped into a 'non-responsive' surveys group. Please insert survey responses in the table rather than making secondary references.

**Appendix F:  
TWDB Data Template**





COUNTY-OTHER	07099822	G	0998	0757	252	13	VOLUNTARY REDISTRIBUTION MAI	4E2	12140	GRAMAMELLEMAN LAKE RESERV	\$0.00	2000	Not surveyed
MANUFACTURING	07100134	G	1001	1001	014	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2030	Not surveyed
MANUFACTURING	07100108	G	1001	1001	018	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2010	Not surveyed
MANUFACTURING	071001050	G	1001	1001	050	12	VOLUNTARY REDISTRIBUTION MAI	4E1	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	07100109	G	1001	1001	109	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	071001126	G	1001	1001	128	12	SWATS EXPANSION/VOLUNTARY REDISTRIBUTION	4C11B	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$17,628,000.00	2010	Surveyed - no response
MANUFACTURING	071001127	G	1001	1001	127	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	071001141	G	1001	1001	141	12	CENTRAL TEXAS/KEMPER WSC CONVEYANCE INC	4C12	12000	STILLHOUSE HOLLOW LAKE RESERV	\$0.00	2000	Not surveyed
MANUFACTURING	071001147	G	1001	1001	147	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	071001155	G	1001	1001	155	12	SUPPLY FROM WACO	4C14	12240	WACO LAKE/RESERVOIR	\$0.00	2005	Surveyed - no response
MANUFACTURING	071001177	G	1001	1001	177	12	VOLUNTARY REDISTRIBUTION MAI	4E2	14050	JOAK CREEK LAKE/RESERVOIR	\$0.00	2000	Surveyed - no response
MANUFACTURING	071001182	G	1001	1001	182	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	071003215	G	1003	1003	215	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	071003221	G	1003	1003	221	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Surveyed - no response
MANUFACTURING	071003246	G	1003	1003	246	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	071003248	G	1003	1003	248	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MANUFACTURING	071003252	G	1003	1003	252	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
STEAM ELECTRIC POWER	071002014	G	1002	1002	014	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2010	Not surveyed
STEAM ELECTRIC POWER	071002018	G	1002	1002	018	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2010	Not surveyed
STEAM ELECTRIC POWER	071002093	G	1002	1002	093	12	NO STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
STEAM ELECTRIC POWER	071002104	G	1002	1002	104	12	CALIFORNIA CREEK DIVERSION	4J7	12590	CALIFORNIA CREEK LAKE/RESERVOI	\$6,300,000.00	2001	Not surveyed
STEAM ELECTRIC POWER	071002127	G	1002	1002	127	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
STEAM ELECTRIC POWER	071002198	G	1002	1002	198	12	RENEW EXISTING CONTRACT	403	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2020	Not surveyed
STEAM ELECTRIC POWER	071002199	G	1002	1002	199	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MINING	071003018	G	1003	1003	018	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2010	Not surveyed
MINING	071003126	G	1003	1003	126	08	SWATS EXPANSION/VOLUNTARY REDISTRIBUTION	4C11B	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$315,000.00	2030	Not surveyed
MINING	071003155	G	1003	1003	155	12	SUPPLY FROM WACO	4C14	12240	WACO LAKE/RESERVOIR	\$0.00	2005	Not surveyed
MINING	071003209	G	1003	1003	209	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MINING	071003213	G	1003	1003	213	12	VOLUNTARY REDISTRIBUTION MAI	4E2	12080	BRAZOS RIVER AUTHORITY SYSTEM	\$0.00	2000	Not surveyed
MINING	071003246	G	1003	1003	246	12	SHORTAGE DUE TO LOW GROUNDWATER AVAILA	4E2	99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
IRRIGATION	071004030	G	1004	1004	030	12	BRUSH CONTROL	4L1	03028	TRINITY AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004030	G	1004	1004	030	12	IRRIGATION SCHEDULING	4G3	03028	TRINITY AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004030	G	1004	1004	030	12	IRRIGATION SYSTEM CONVERSION	4G2	03028	TRINITY AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004067	G	1004	1004	067	12	WEATHER MODIFICATION	4L2	06728	TRINITY AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004067	G	1004	1004	067	12	IRRIGATION SCHEDULING	4G3	06728	TRINITY AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004067	G	1004	1004	067	12	IRRIGATION SYSTEM CONVERSION	4G2	06728	TRINITY AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004067	G	1004	1004	067	12	WEATHER MODIFICATION	4L2	06728	TRINITY AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004138	G	1004	1004	138	12	BRUSH CONTROL	4L1	13804	SEYMOUR AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004138	G	1004	1004	138	12	IRRIGATION SYSTEM CONVERSION	4G2	13804	SEYMOUR AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004138	G	1004	1004	138	12	WEATHER MODIFICATION	4L2	13804	SEYMOUR AQUIFER	\$0.00	2000	Not surveyed
IRRIGATION	071004209	G	1004	1004	209	12	BRUSH CONTROL	4L1	20996	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004209	G	1004	1004	209	12	IRRIGATION SYSTEM CONVERSION	4G2	20996	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004209	G	1004	1004	209	12	WEATHER MODIFICATION	4L2	20996	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004215	G	1004	1004	215	12	BRUSH CONTROL	4L1	21596	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004215	G	1004	1004	215	12	IRRIGATION SYSTEM CONVERSION	4G2	21596	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004215	G	1004	1004	215	12	PECAN MICRO IRRIGATION UPGRADE	4G4	21596	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004215	G	1004	1004	215	12	WEATHER MODIFICATION	4L2	21596	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004221	G	1004	1004	221	12	BRUSH CONTROL	4L1	22113	EDWARDS-TRINITY-PLATEAU AQUIFE	\$0.00	2000	Not surveyed
IRRIGATION	071004221	G	1004	1004	221	12	IRRIGATION SYSTEM CONVERSION	4G2	22113	EDWARDS-TRINITY-PLATEAU AQUIFE	\$0.00	2000	Not surveyed
IRRIGATION	071004221	G	1004	1004	221	12	WEATHER MODIFICATION	4L2	22113	EDWARDS-TRINITY-PLATEAU AQUIFE	\$0.00	2000	Not surveyed
IRRIGATION	071004252	G	1004	1004	252	12	BRUSH CONTROL	4L1	25296	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
IRRIGATION	071004252	G	1004	1004	252	12	WEATHER MODIFICATION	4L2	25296	IRRIGATION LOCAL SUPPLY	\$0.00	2000	Not surveyed
CLEBURNE	070175000	G	0175	0115	128	12	NO STRATEGY IDENTIFIED - INFRASTRUCTURE CO		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
FORT HOOD	070309000	G	0308	0210	050	12	DEMANDS BASED ON FULL STAFFING, MAY USE GA		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
LEANDER	070514000	G	0514	0713	246	12	UNMET NEED IN 2020 - NO STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
ITYE	070817000	G	0817	0755	221	12	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
COUNTY-OTHER	070998111	G	0998	0757	111	08	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
COUNTY-OTHER	070998141	G	0998	0757	141	14	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
COUNTY-OTHER	070998177	G	0998	0757	177	12	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
COUNTY-OTHER	070998221	G	0998	0757	221	14	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
MANUFACTURING	071001128	G	1001	1001	128	06	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
STEAM ELECTRIC POWER	071002252	G	1002	1002	252	12	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
MINING	071003126	G	1003	1003	126	12	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
MINING	071003177	G	1003	1003	177	12	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
MINING	071003221	G	1003	1003	221	12	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
MINING	071003221	G	1003	1003	221	14	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
IRRIGATION	071004047	G	1004	1004	047	12	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
IRRIGATION	071004067	G	1004	1004	067	14	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed
IRRIGATION	071004221	G	1004	1004	221	14	NO MANAGEMENT STRATEGY IDENTIFIED		99999	STRATEGY NOT IDENTIFIED	\$0.00		Not surveyed