

2002-483-429
FINAL REPORT

**Llano Estacado
Regional Water Planning Area**

INFRASTRUCTURE FINANCING REPORT

for
Texas Water Development Board

by
Llano Estacado Regional Water Planning Group

administration by
*High Plains Underground Water Conservation District
No. 1*

technical assistance by

HDR
HDR Engineering, Inc.
Austin, Texas

May 16, 2002

HDR Engineering, Inc. Project Staff

Herbert W. Grubb, PhD,

Grady F. Reed

Tony Bagwell

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Llano Estacado Regional Water Planning Area Infrastructure Financing Report

1.0 Introduction

Senate Bill 2 (77th 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.

To facilitate the RWPG's completion of the statutory directive, the TWDB has prepared guidelines, and a schedule, as follows:

- | | |
|----------------------|---|
| • September 21, 2001 | Regions request funds from TWDB |
| • October 17, 2001 | TWDB consider requests for funds |
| • June 1, 2002 | RWPG submittal of reports to TWDB |
| • October 1, 2002 | TWDB submittal of report to Legislature |

2.0 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 water 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.

3.0 Methods and Procedures

There are two elements to the Infrastructure Financing Report, as follows: (1) Surveys, and (2) RWPG policy recommendations on the State's role in financing water infrastructure projects. For the Llano Estacado Water Planning Region, all water user groups and major water providers having water needs and recommended water management strategies in the regional water plan were surveyed using the questionnaire provided by the TWDB, as supplemented (Appendix A). For the water user groups based on county aggregates, such as irrigation, where no political subdivision is responsible for the provision of water supplies, the LERWPG has included summary recommendations of funding mechanisms for meeting those needs.

In the Llano Estacado Region, there were no County-Other needs, thus it was not necessary to survey County Judges or Commissioners Courts. The one exception to this is in Hale County, where, at the

direction of the LERWPG, a plan was included for the community of Cotton Center, a community of approximately 200. Cotton Center was listed in Exhibit B, Table 12 and the TWDB IFR Template as County Other, and was included in the survey. In addition, the LERWPG surveyed County Judges of counties that do not have underground water conservation districts, River Authorities, and Underground Water Conservation Districts to obtain their recommendations pertaining to water infrastructure financing, and particularly to the potentials for the use of State Participation, as defined below.

“The State Participation Program enables TWDB to purchase a temporary ownership interest in a regional project when local sponsors are unable to assume the debt for an optimally sized facility. TWDB may acquire ownership interests in the water rights or a co-ownership interest in the property or treatment works. Currently, TWDB’s participation is limited to a maximum of 50% of the project costs and to the portion of the project designated as “excess” capacity. 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.”

The survey was mailed via first class U.S. Mail, with 2 follow-up telephone contacts with each political subdivision surveyed that did not respond by the due date. The follow-up activity is documented via phone call log (Appendix B).

For the second element of the IFR, Senate Bill 2 (77th Texas Legislature, Regular Session) the LERWPG 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?

The LERWPG gave particular attention to proposed increases in the level of **State Participation** (see definition of State Participation above) in funding for regional water supply projects to meet needs beyond the reasonable financing capability of local governments, regional authorities, and other political subdivisions involved in building water infrastructure.

Prior to submission of the Infrastructure Financing Report (IFR) to the TWDB, the LERWPG 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 the meeting.

4.0 Results

The results of the survey mentioned in Section 3.0 above are summarized in Table 1 below and in the template spreadsheet (Appendix C) provided by the TWDB. Financing to meet the projected needs of Aggregated Water User Groups is discussed in Section 4.2, and the LERWPG response to the question related to the role of the State in financing water infrastructure is presented in Section 4.3. The Notice for the May 16, 2002 Llano Estacado Regional Water Planning Group Meeting at which the Infrastructure financing Report was considered and approved, and The Executive Administrator’s comments and the LERWPG response to comments are included in Appendix D. Copies of the completed Surveys are included in Appendix E.

4.1 Survey Responses

The Llano Estacado Region has 28 municipal water user groups that have a need for water facilities over the next 50 years. The estimated costs of these facilities, in 1999 second quarter prices, are \$157,691,090 (Table 1 and Appendix C). For this Infrastructure Financing Report, these 28 municipal water user groups were surveyed to determine how much of the estimated costs each could pay both with and without state participation. Of the 28 water user groups surveyed, 17 or 61 percent responded.

The responses indicate that of the total \$157,691,090 in costs, \$128,692,214, or 81.6 percent could be financed by those who need additional water (Table 1). However, if the City of Lubbock plan, which includes the Lake Alan Henry Pipeline and water treatment plant is not included in the analysis, the total costs for the other 27 entities is \$33,728,090. Of these 27 entities, 16 responded. Total cost of facilities for the 16 that responded is \$21,473,562, of which the respondents reported that they could pay \$4,729,214, or 22.02 percent, from their own resources (Table 1). These 16 respondents indicated that they could pay an additional \$260,000, or \$4,989,214 (23.23 percent) of the estimated cost with state participation (Table 1).

Survey respondents identified the following as potential sources of outside funding: (1) TWDB State Participation Program, (2) State Grants, (3) Grants from the Texas Department of Housing and Community Affairs, (4) TWDB Revolving Loan Fund, and (5) loans from other sources.

4.2 Aggregated Water User Groups

Water users of the county aggregated water user groups, such as irrigation, are private individuals who must find their own sources of financing for implementation of water management strategies to meet their needs. Among the sources of funding for irrigation water conservation strategies are the TWDB Agricultural Water Conservation Loan Fund and private lending institutions. The TWDB Agricultural Water Conservation Loan Program is available to individuals who reside in a soil and water conservation district, an underground water conservation district, or an irrigation district, if the respective districts participate in the program. In the past the High Plains Underground Water Conservation District No. 1 has carried out a successful water conservation loan program, but has discontinued the program due to lack of interest for additional loans. Such loans are available to irrigation farmers located in other underground water conservation districts located in the region. In addition, individuals can and do obtain loans from the private lending sector, including banks.

Funding to implement weather modification strategies contained in the plan is provided by the local sponsors with cost sharing from the State. Funding for brush control is available on a cost sharing basis from the Texas State Soil and Water Conservation Board and the U. S. Department of Agricultural Soil and Water Conservation programs, which the LERWPG recommends be continued, as was recommended in the 2001 Regional Water Plan.

4.3 Role for the State in Financing Water Supply Projects in the Regional Water Plan

For the second element of the IFR, Senate Bill 2 (77th Texas Legislature, Regular Session), the LERWPG 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?

In the 2001 Regional Water Plan, the Llano Estacado Regional Water Planning Group recommended that the Legislature provide adequate funding for the implementation of water management strategies in the plan, including loans for public water supplies, precipitation enhancement, brush management, water conservation, and research and development of drought tolerant species and more efficient irrigation technology. This is the LERWPG recommendation for this Infrastructure Financing Report.

Table 1: Recommended Water Management Strategies for Llano Estacado Region (Region O)

Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Abernathy	Mun	Y	Local Groundwater	2007	1,863,400				
				2011	155,848				
				2014	155,848				
				2019	155,848				
				2040	155,848				
Abernathy Total					2,486,792	1,000,000	1,250,000	1,236,792	
Amherst	Mun	Y	Local Groundwater	2017	643,720				The response to Q3 was also shown as zero, but is not recorded since it is not consistent.
				2022	155,848				
Amherst Total					799,568	0	0		
Anton	Mun	N	Local Groundwater	2001	678,568				
				2002	155,848				
				2003	155,848				
Anton Total					990,264				
Bovina	Mun	N	Local Groundwater	2006	643,720				
				2010	155,848				
				2013	155,848				
				2040	155,848				
Bovina Total					1,111,264				
Cotton Center	Mun	N	Local Groundwater	2006	330,088				
				2009	155,848				
Cotton Center Total					485,936				

Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Denver City	Mun	Y	Local Groundwater	2000	3,780,040				One new well will be completed and added to the system within one year.
				2015	200,750				
				2017	200,750				
				2019	200,750				
				2020	200,750				
				2022	200,750				
				2045	155,848				
Denver City Total				4,939,638	1,125,000	1,125,000	3,814,638		
Dimmitt	Mun	Y	Local Groundwater	2017	2,704,020				
				2019	200,772				
				2021	200,772				
				2024	200,772				
Dimmitt Total				3,306,336	700,000	700,000	2,606,336	Can pay \$100,000 per year.	
Earth	Mun	Y	Local Groundwater	2022	539,176				
				2027	155,848				
				2040	155,848				
Earth Total				850,872	42,544	42,544	808,328	Will need to borrow funds.	
Farwell	Mun	Y	Local Groundwater	2010	643,720				Will consider using any sources available.
				2014	155,848				
				2017	155,848				
				2030	155,848				
Farwell Total				1,111,264	300,000	300,000	811,264		

Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Friona	Mun	Y	Local Groundwater	2016	1,077,780				
				2018	155,848				
				2020	155,848				
				2023	155,848				
Friona Total				1,545,324	500,000	500,000	1,045,324	Any funding sources welcome.	
Hale Center	Mun	N	Local Groundwater	2029	399,784				
				2034	155,848				
				2036	155,848				
Hale Center Total				711,480					
Hart	Mun	Y	Local Groundwater	2033	330,088				Currently drilling new well at cost of \$325,000. Have grant for
				2038	155,848				
Hart Total					485,936	100,000	100,000	385,936	\$250,000
Hereford	Mun	N	Local Groundwater	2013	549,824				
				2015	532,400				
				2020	503,360				
				2021	474,320				
				2025	445,280				
				2030	416,240				
				2039	381,392				
Hereford Total				3,302,816					
Idalou	Mun	N	Local Groundwater	2012	817,960				
				2016	155,848				
				2019	155,848				
				2030	155,848				
Idalou Total				1,285,504					

Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Kress	Mun	N	Local Groundwater	2001	748,264				
				2005	155,848				
Kress Total					904,112				
Lockney	Mun	Y	Local Groundwater	2015	330,088				Applying to Dept. Comm Affairs for Grant to extend pipeline 4 miles to donated well; solves pres. problem.
				2020	155,848				
Lockney Total					485,936	72,890	72,890	413,046	
Lubbock	Mun	Y	Lake Alan Henry Pipeline and Water Treatment Plant	2040	123,963,000				TWDB State Revolving Loan Fund.
Lubbock Total					123,963,000	123,963,000	123,963,000	0	
Morton	Mun	Y	Local Groundwater	2007	671,220				Grants are needed.
				2011	200,772				
				2014	155,848				
Morton Total					1,027,840	90,000	100,000	927,840	
New Deal	Mun	N	Local Groundwater	2008	539,176				
				2013	155,848				
New Deal					695,024				
Olton	Mun	N	Local Groundwater	2012	671,220				
				2016	200,772				
				2019	155,848				
Olton Total					1,027,840				
Plains	Mun	Y	Local Groundwater	2012	671,220	170,000	170,000	501,220	In 1999, City acquired 640 acres 4 miles from town, and drilled 3 wells, which meets needs for 25 yrs.
				2016	155,848				
				2019	155,848				
Plains Total					982,916	170,000	170,000	812,916	Pursuing land for additional wells.

Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Seagraves	Mun	N	Local Groundwater	2002	845,460				
				2006	155,848				
				2009	155,848				
Seagraves Total					1,157,156				
Shallowater	Mun	N	Local Groundwater	2006	427,284				
				2011	155,848				
Shallowater total					583,132				
Sudan	Mun	Y	Local Groundwater	2006	706,068				
				2011	155,848				
Sudan Total					861,916	20,000	20,000	841,916	Need grants.
Sundown	Mun	Y	Local Groundwater	2006	496,980				
				2008	155,848				
				2013	155,848				
Sundown Total					808,676	400,000	400,000	408,676	Need grants.
Whiteface	Mun	Y	Local Groundwater	2023	330,088				
				2028	155,848				
Whiteface Total					485,936	63,000	63,000	422,936	Need grants.
Wilson	Mun	Y	Local Groundwater	2019	330,088				
				2024	155,848				
Wilson Total					485,936	145,780	145,780	340,156	
Wolfforth	Mun	Y	Local Groundwater	2011	496,980	Will raise rates as much as possible.			Has contract with Slaton for 50 million gals/yr for 10 yrs. Lubbock to treat and deliver to City.
				2015	155,848	Seeking help for balance of costs.			
				2018	155,848	Pursuing available funding sources.			
Wolfforth Total					808,676				

Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Regional Total--Without Lubbock					33,728,090	4,729,214	4,989,214	14,876,104	
Regional Total--Including Lubbock					157,691,090	128,692,214	128,952,214	14,876,104	
Regional Percentage--Without Lubbock						14.0	14.8	44.1	
Regional Percentage--Including Lubbock						81.6	81.8	9.4	
Total for Respondents (without Lubbock)					21,473,562	4,729,214	4,989,214	14,876,104	
Percentage of Capital Costs of Non-Respondents & Unknown Ability to Pay						22.02	23.23	63.14	

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Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Canadian River MWA		N	Regional Provider						
White River MWD		Y	Regional Provider						District needs help to finance improvements to existing infrastructure; grants to offset costs to present customers.
Mackenzie MWA		Y	Regional Provider						Lake Mackenzie watershed inadequate; need additional supply from outside sources.
Brazos River Authority		N	Regional Presence						
Red River Authority		N	Regional Presence						

Political Subdivision (Pol/Sub)	Water Use Type	Response From Pol/Sub Y/N	Strategy Name	Strategy Date	Total Capital Cost (\$)	Q1 (\$) Can Pay	Q2 (\$) Can Pay W/State Particip.	Q3 (\$) Can Not Pay	Comments
Briscoe County		N							
Dickens County		N							
Motley County		N							
Swisher County		N							
High Plains UWCD No. 1		N							
Llano Estacado UWCD		N							
Mesa UWCD		N							
Sandy Land UWCD		N							
South Plains UWCD		Y							Support the concept of State Participation; however, also believe that development must be supported at the local level.
Garza County UFWCD		Y							Funded by County Commissioners Court; unable to contribute to cost of Regional plan.

◇

Table 2: Water Rates and Monthly Water and Wastewater Bills -- Llano Estacado Region*

No	Political Subdivision (Pol/Sub)	Monthly Water Bill (\$)**	Monthly Sewer Bill (\$)**	Current Water Rates
1	Abernathy	30.00	9.00	\$14.75 first 3,000 gals. + \$1.65/1,000 gals. above first 3,000 gals. Facing stormwater permitting costs in near future.
2	Amherst	20.00	12.00	\$15.00 first 3,900 gals. + \$1.50/1,000 gals. above first 3,900 gals.
3	Anton			
4	Bovina			
5	Cotton Center			
6	Denver City	25.00	9.50	\$10.50 first 3,000 gals. + \$1.75/1,000 gals. above first 3,000 gals. Outside city limits \$15.75 first 3,000 gals. with \$2.60/1,000 gals for more.
7	Dimmitt	60.00	4.75	\$5.25 first 2,000 gallons.
8	Earth	13.00	7.50	\$10.00 first 3,000 gals.+ \$0.15 per 100 gals. Above 3,000 gals.
9	Farwell	70.00	10.00	\$20.00 first 9,999 gals.+ \$1.50/1,000 gals. next 10,000 gals.+ \$2.00/1,000 gals. next 10,000 gals. with \$2.50/1,000 gals for over 30,000 gals.
10	Friona	20.00	8.50	\$10.00 first 2,000 gals. + \$1.35/1,000 gals. 2,001 to 10,000 gals.
11	Hale Center			
12	Hart	20.00	12.50	\$14.50 first 3,000 gals. + \$1.00/1,000 gals. over 3,000 gals.
13	Hereford			
14	Idalou			
15	Kress			
16	Lockney	30.00	8.00	\$18.00 first 2,000 gals.+ \$2.75/1,000 gals.above min 2,000 gals.
17	Lubbock	25.19	12.04	\$8.89 min. + \$1.63/1,000 gals.
18	Morton	15.00	8.00	\$9.00 first 2,000 gals.+ \$ 2.00/1,000 gal. above min 2,000 gal.
19	New Deal			
20	Olton			

No	Political Subdivision (Pol/Sub)	Monthly Water Bill (\$) **	Monthly Sewer Bill (\$) **	Current Water Rates
21	Plains	22.50	13.20	\$7.00 first 3,000 gals. + \$1.50/1,000 gals. above min 3,000 gals.
22	Seagraves			
23	Shallowater			
24	Sudan	14.58	9.00	\$10.00 first 2,000 gals. + \$1.50/gal. Over 2,000 gals.
24	Sundown	22.50	7.75	\$1.50/1,000 gal. first 25,000 gals. + \$2.00/1,000 gal for 25,000 to 50,000 gals. + \$2.50/1,000 gal over 50,000 gals.
26	Whiteface	40.00	9.00	\$9.00 first 2,000 gals.+\$ 1.50/1,000 gal. for 3,000 to 23,000 gals.
27	Wilson	32.41	32.41	\$11.00 first 3,000 gals.+ \$1.50/1,000 gal. Over 3,000 gals.
28	Wolfforth	36.08	13.00	\$10.00 first 3,000 gals.+ \$2.90/1,000 gal. for 3,000 to 25,000 gals.; \$3.15/1,000 gals. 26,000 to 50,000 gals.; over 50,000 gals. \$3.40/1,000 gals.

* Reported in Water Infrastructure Finance Survey in January 2002.

** Average monthly water and sewer bills.



Appendix A

Llano Estacado Region

Infrastructure Financing Questionnaire

LLANO ESTACADO REGIONAL WATER PLANNING GROUP

December 10, 2001

The Honorable _____, Mayor
Address

Dear Mayor _____:

We need your help in completing a survey that the Texas Legislature has directed us to conduct about the financing of future improvements to local water systems. The Legislature wants to obtain information about the amount of State financial assistance required to implement the 16 Regional Water Plans approved by the Texas Water Development Board, during the summer of 2001. The TWDB requires us to send you the enclosed survey form with the first four questions of the survey exactly as worded so that they can compile the results for their state-wide report to the Legislature. Questions 5, 6, and 7 were added by the Regional Water Planning Group to obtain information about current water and sewer rates.

In the development of the Regional Water Plan, that was approved by the Texas Water Development Board on May 16, 2000, the High Plains Underground Water Conservation District analyzed the water supply situation of each municipality of the Llano Estacado Region. The analysis shows that _____ will need additional supplies to meet its projected future demands. As you may recall, a copy of this analysis for _____ was provided to your office.

The Regional Plan, as required by State law, includes a specific water management strategy for every municipality, like _____, with a need for water over the next fifty years that could not be met from the municipal supply available at this time. The plan also includes the projected cost for building and operating the additional capacity needed during the fifty-year planning period. Attached to the enclosed survey form is a copy of the portions of the Regional Water Plan that show the recommended water management strategy for _____.

We realize that many municipalities are already implementing water system improvements that may differ somewhat from the strategies contained in the Regional Water Plan. Costs and specifications, for example, may not match up for a number of reasons, or the need may be met through a water provider organization that handles the capital investment and operation itself. You may have questions about these or other issues, and therefore, we will be holding a meeting to answer questions that may arise in responding to the survey. The meeting is schedule on January 9, 2002 at 10:00 a. m. at the offices of the High Plains Underground Water Conservation District No.1, 2930 Avenue Q, Lubbock, TX 79405, Telephone 806/762-0181.

I hereby request your cooperation in completing the Infrastructure Financing Survey (Attachment B, Pages 4 and 5) and returning Attachment B to our Consultant, Dr. Herb Grubb, HDR Engineering, Inc., 2211 South IH 35, Ste 300, Austin, TX, 78741, no later than January 31, 2002. Should you have questions about the survey you may call Mr. Grady Reed of HDR. His telephone No. is 512/912-5174. Once we receive the survey forms, we will compile the information, as part of a written report to the TWDB

Thank you for your assistance.

H. P. Brown, Jr., Chair
Llano Estacado Regional Water Planning Group
Enclosure

**Water Plan for City
Surveyed**

WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O

Name of Political Subdivision: City of _____, Texas

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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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 _____, Texas

Water Management Strategy Name: Typical Local Groundwater

Capital Cost:	New well and 10 miles of pipeline needed in 2007	\$ 1,863,400	(1999 dollars)
	Additional well needed in 2011	\$ 155,848	(1999 dollars)
	Additional well needed in 2014	\$ 155,848	(1999 dollars)
	Additional well needed in 2019	\$ 155,848	(1999 dollars)
	Additional well needed in 2040	\$ 155,848	(1999 dollars)
	Total	\$ 2,486,792	(1999 dollars)

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)

5. What are your current water rates? \$ **** _____

6. What is the average monthly water bill for a residential customer of your water utility?
\$ _____.

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ _____.

**** You may enclose a copy of your present water rate schedule to answer this question.

Appendix B

Llano Estacado Region

Documentation of Contacts with Political Subdivisions Surveyed Non Respondents

Name of Political Subdivision	Person Contacted	Date Contacted	Method of Contact
City of Hart	Sue - Mayor's Secretary	2/8/02	Phone/Fax
City of Hart	Responded with one call.		
City of Amherst	Galla Cowen - City Secretary	2/8/02	Phone/Fax
City of Amherst	Galla Cowen - City Secretary	3/4/02	Phone/Fax
City of Anton	Lannett - City Administrator	2/8/02	Phone/Fax
City of Anton	Lannett - City Administrator	3/4/02	Phone
City of Bovina	City Secretary	4/18/02	Phone
City of Bovina	City Secretary	5/1/02	Phone
City of Earth	Noel - City Secretary	2/8/02	Phone/Fax
City of Earth	Responded with one call.		
City of Farwell	Cynthia - Mayor's Secretary	2/8/02	Phone
City of Farwell	Cynthia - Mayor's Secretary	3/4/02	Phone
City of Hale Center	Suzy - Mayor's Secretary	2/11/02	Phone/Fax
City of Hale Center	Suzy - Mayor's Secretary	3/4/02	Phone/Fax
City of Idalou	City Hall	2/11/02	Phone/Fax
City of Idalou	Left message with City Manager	3/4/02	Phone
City of Kress	City Secretary	2/11/02	Phone/Fax
City of Kress	Left message with Kenny Hughes	3/4/02	Phone
City of New Deal	Sharon - City Secretary	2/11/02	Phone/Fax
City of New Deal	Sharon - City Secretary	3/4/02	Phone/Fax
City of Olton	Lea - City Secretary	2/11/02	Phone/Fax
City of Olton	Lea - City Secretary	3/4/02	Phone
City of Shallowater	Suzy Williams - Mayor's Secretary	2/11/02	Phone/Fax
City of Shallowater	Left message for Suzy Williams	3/4/02	Phone
City of Sudan	City Secretary	2/11/02	Phone/Fax
City of Sudan	Richard Salazar	3/4/02	Phone
City of Sundown	Brad - City Administrator	2/11/02	Phone/Fax
City of Sundown	Responded with one call.		

Name of Political Subdivision	Person Contacted	Date Contacted	Method of Contact
City of Wilson	City Secretary	2/13/02	Phone/Fax
City of Wilson	Responded with one call.		
City of Hereford	Steve – Public Works Director	2/13/02	Phone/Fax
City of Hereford	Left message for PW Director	3/4/02	Phone
City of Seagraves	City Secretary	4/18/02	Phone
City of Seagraves	City Secretary	5/1/02	Phone
Cotton Center	No answer	2/13/02	Phone
Cotton Center	Henry Rieff	3/13/02	Phone/Fax
Canadian River MWA	John Williams	2/20/02	Phone
Canadian River MWA	John Williams	3/4/02	Phone
Brazos River Authority	Left message for Phil Ford	2/20/02	Phone
Brazos River Authority	Left message for Phil Ford	3/4/02	Phone
Red River Authority	Ron Glenn	2/20/02	Phone
Red River Authority	Left message for Ron Glenn	2/20/02	Phone
High Plains UWCD No. 1	Jim Conkwright	3/13/02	Phone
High Plains UWCD No. 1			
Mesa UWCD			
Mesa UWCD			
Sandy Land UWCD	Gary Walker – not going to return	2/20/02	Phone
Sandy Land UWCD			
South Plains UWCD	Jason Coleman	2/20/02	Phone
South Plains UWCD			
Llano Estacado UWCD			
Llano Estacado UWCD			
Swisher County Judge			
Swisher County Judge			
Briscoe County Judge			
Briscoe County Judge			
Motley County Judge			
Motley County Judge			
Dickens County Judge			
Dickens County Judge			

Appendix C
TWDB IFR Template

WUG NAME	WUG ID	WUG RWPG	SEQ ID	CITY ID	WUG COUNTY ID	WUG BASIN ID	WMS NAME	CAP COST	Strategy Implementation Date	How much can P.S. afford from current utility revenue sources?	If Accessing State Participation Program, how much can P.S. afford from current utility revenue sources?	How much is P.S. unable to pay for WMS?	Row No.
Please do not alter populated fields.													
ABERNATHY	150001000	O	0001	0001	095	12	LOCAL GROUNDWATER DEVELOPMENT (ABERNATHY)	\$2,486,792.00	2007	1000000	1250000	1236792	1
ABERNATHY	150001000	O	0001	0001	152	12	LOCAL GROUNDWATER DEVELOPMENT (ABERNATHY)	\$0.00					2
AMHERST	150022000	O	0022	0811	140	12	LOCAL GROUNDWATER DEVELOPMENT (AMHERST)	\$799,568.00					3
ANTON	150033000	O	0033	0022	110	12	LOCAL GROUNDWATER DEVELOPMENT (ANTON)	\$963,840.00					4
BOVINA	150101000	O	0101	0068	185	12	LOCAL GROUNDWATER DEVELOPMENT (BOVINA)	\$1,111,264.00					5
DENVER CITY	150241000	O	0241	0160	251	14	LOCAL GROUNDWATER DEVELOPMENT (DENVER CITY)	\$4,939,748.00	2000	1125000		3814638	6
DIMMITT	150249000	O	0249	0167	035	12	LOCAL GROUNDWATER DEVELOPMENT (DIMMITT)	\$3,306,336.00	2017	700000	700000	2806336	7
EARTH	150260000	O	0260	0175	140	12	LOCAL GROUNDWATER DEVELOPMENT (EARTH)	\$850,872.00	2022	42544	42544	808328	8
FARWELL	150295000	O	0295	0200	185	12	LOCAL GROUNDWATER DEVELOPMENT (FARWELL)	\$1,111,264.00	2010	300000	300000	811264	9
FRIONA	150318000	O	0318	0220	185	02	LOCAL GROUNDWATER DEVELOPMENT (FRIONA)	\$1,680,096.00	2016	500000	500000	1045324	10
HALE CENTER	150372000	O	0372	0258	095	12	LOCAL GROUNDWATER DEVELOPMENT (HALE CENTER)	\$711,480.00					11
HART	150382000	O	0382	0700	035	12	LOCAL GROUNDWATER DEVELOPMENT (HART)	\$458,936.00	2033	100000		385936	12
HEREFORD	150397000	O	0397	0274	059	02	LOCAL GROUNDWATER DEVELOPMENT (HEREFORD)	\$3,302,816.00					13
IDALOU	150431000	O	0431	0295	152	12	LOCAL GROUNDWATER DEVELOPMENT (IDALOU)	\$1,285,504.00					14
KRESS	150480000	O	0480	0891	219	02	LOCAL GROUNDWATER DEVELOPMENT (KRESS)	\$904,112.00					15
LOCKNEY	150534000	O	0534	0368	077	12	LOCAL GROUNDWATER DEVELOPMENT (LOCKNEY)	\$485,936.00	2015	72890		413046	16
LUBBOCK	150546000	O	0546	0370	152	12	PIPELINE FROM LAKE ALAN HENRY	\$123,936,000.00		123963000	123963000	0	17
MORTON	150610000	O	0610	0415	040	12	LOCAL GROUNDWATER DEVELOPMENT (MORTON)	\$1,027,840.00	2007	90000	100000	927840	18
NEW DEAL	150630000	O	0630	0922	152	12	LOCAL GROUNDWATER DEVELOPMENT (NEW DEAL)	\$695,024.00					17
OLTON	150656000	O	0656	0442	140	12	LOCAL GROUNDWATER DEVELOPMENT (OLTON)	\$1,027,840.00					20
PLAINS	150702000	O	0702	0470	251	14	LOCAL GROUNDWATER DEVELOPMENT (PLAINS)	\$982,916.00	2012	170000	170000	812916	21
SEAGRAVES	150813000	O	0813	0548	083	14	LOCAL GROUNDWATER DEVELOPMENT (SEAGRAVES)	\$1,157,156.00					22
SHALLOWATER	150821000	O	0821	0553	152	12	LOCAL GROUNDWATER DEVELOPMENT (SHALLOWATER)	\$583,132.00					23
SUDAN	150866000	O	0866	0748	140	12	LOCAL GROUNDWATER DEVELOPMENT (SUDAN)	\$861,916.00	2008	20000	20000	841916	24
SUNDOWN	150870000	O	0870	0567	110	14	LOCAL GROUNDWATER DEVELOPMENT (SUNDOWN)	\$808,676.00	2006	400000	400000	408676	25
WHITEFACE	150965000	O	0965	0991	040	12	LOCAL GROUNDWATER DEVELOPMENT (WHITEFACE)	\$485,936.00	2023	63000	63000	422936	26
WILSON	150976000	O	0976	0993	153	12	LOCAL GROUNDWATER DEVELOPMENT (WILSON)	\$485,936.00	2018	145780	145780	340156	27
WOLFFORTH	150984000	O	0984	0664	152	12	LOCAL GROUNDWATER DEVELOPMENT (WOLFFORTH)	\$808,676.00	2011				28
COUNTY-OTHER	150996095	O	0996	0757	095	12	LOCAL GROUNDWATER DEVELOPMENT (COUNTY OTHER)	\$485,936.00					29
IRRIGATION	151004009	O	1004	1004	009	12	IRRIGATION WATER CONSERVATION (BAILEY COUNTY)	\$696,582.00	2000				30
IRRIGATION	151004035	O	1004	1004	035	12	IRRIGATION WATER CONSERVATION (CASTRO COUNTY)	\$20,468,466.00	2000				31
IRRIGATION	151004040	O	1004	1004	040	12	IRRIGATION WATER CONSERVATION (COCHRAN COUNTY)	\$0.00					32
IRRIGATION	151004054	O	1004	1004	054	02	IRRIGATION WATER CONSERVATION (CROSBY COUNTY)	\$24,467,850.00	2000				33
IRRIGATION	151004054	O	1004	1004	054	12	IRRIGATION WATER CONSERVATION (CROSBY COUNTY)						34
IRRIGATION	151004077	O	1004	1004	077	12	IRRIGATION WATER CONSERVATION (FLOYD COUNTY)	\$45,325,656.00	2000				35
IRRIGATION	151004085	O	1004	1004	085	12	IRRIGATION WATER CONSERVATION (GARZA COUNTY)	\$2,122,722.00	2000				36
IRRIGATION	151004095	O	1004	1004	095	02	IRRIGATION WATER CONSERVATION (HALE COUNTY)	\$4,559,184.00	2000				37
IRRIGATION	151004095	O	1004	1004	095	12	IRRIGATION WATER CONSERVATION (HALE COUNTY)	\$0.00					38
IRRIGATION	151004110	O	1004	1004	110	12	IRRIGATION WATER CONSERVATION (HOCKLEY COUNTY)	\$11,131,254.00	2000				39
IRRIGATION	151004185	O	1004	1004	185	12	IRRIGATION WATER CONSERVATION (PARKER COUNTY)	\$5,854,410.00	2000				40
IRRIGATION	151004219	O	1004	1004	219	12	IRRIGATION WATER CONSERVATION (SWISHER COUNTY)	\$33,502,716.00	2000				41
IRRIGATION	151004223	O	1004	1004	223	12	IRRIGATION WATER CONSERVATION (TERRY COUNTY)	\$0.00					

* Row number; See same row number on following page for notes pertaining to this row.

Appendix D

**May 16, 2002 Region O Meeting Notice
Executive Administrator's Comments, and
LERWPG Response**

LLANO ESTACADO REGIONAL WATER PLANNING GROUP

2930 Avenue Q
Phone: (806) 762-0181

Lubbock TX 79405-1499
Fax: (806) 762-1834

www.llanoplan.org

Meeting Notice

A meeting of the Llano Estacado Regional Water Planning Group will be held at **1:30 p.m., Thursday, May 16, 2002** in the A. Wayne Wyatt Board Room at the High Plains Underground Water Conservation District No. 1 office, 2930 Avenue Q, in Lubbock.

Agenda

1. CALL TO ORDER & WELCOME – Chairman H. P. Brown Jr.
2. ROLL CALL OF MEMBERS & ESTABLISH QUORUM.
3. APPROVAL OF MINUTES OF THE 3-18-02 LERWPG MEETING.
4. APPROVAL OF MINUTES OF THE 4-18-02 LERWPG MEETING.
5. APPROVAL OF THE TREASURERS' REPORT.
6. THE LLANO ESTACADO REGIONAL WATER PLANNING GROUP WILL CONSIDER APPOINTING A REPLACEMENT FOR A. WAYNE WYATT AS THE NON-VOTING LIAISON BETWEEN REGION B AND REGION O.
7. THE LLANO ESTACADO REGIONAL WATER PLANNING GROUP WILL DISCUSS AND APPROVE THE DRAFT INFRASTRUCTURE FINANCING REPORT.
8. THE LLANO ESTACADO REGIONAL WATER PLANNING GROUP WILL HEAR A STATUS REPORT ON THE SCOPE OF WORK FOR THE 2006 REGIONAL WATER MANAGEMENT PLAN FROM DR. HERB GRUBB AND/OR STEFAN SCHUSTER.
9. THE LLANO ESTACADO REGIONAL WATER PLANNING GROUP WILL HEAR A REPORT REGARDING TWDB POPULATION DATA TO BE INCLUDED IN THE 2006 REGIONAL WATER PLAN FROM DR. HERB GRUBB.
10. THE LLANO ESTACADO REGIONAL WATER PLANNING GROUP WILL HEAR A REPORT REGARDING WATER MANAGEMENT ISSUES FROM THE MANAGERS OF THE RESPECTIVE GROUND WATER CONSERVATION DISTRICTS IN THE REGION.
11. OTHER BUSINESS
 - A. The Chairman Will Appoint LERWPG Members Bruce Blalack and Terry Lopas to evaluate the TNRCC final report, "Water Availability in the Brazos River Basin."
 - B. Comments From The Public In Attendance.
12. ADJOURN

PUBLIC NOTICE

This notice complies with Texas Government Code Chapter 551, Open Meetings Act, Section 551.041 (Notice of Meeting Requirements); Section 551.043 (Time and Accessibility of Notice Requirements); and Section 551.053 (Notice Requirements of a Political Subdivision Extending Into Four or More Counties). The notice has been filed at least 72 hours before the scheduled time of the meeting with the Office of the Texas Secretary of State, the Lubbock County Clerk's Office, and has been posted at the administrative office of the High Plains Underground Water Conservation District No. 1.

This notice posted Thursday, May 02, 2002 at 10:31 a.m.

H. P. Brown Jr., Chairman

May 20, 2002

Mr. Jim Conkwright
High Plains UWCD No. 1
2930 Avenue Q
Lubbock, Texas 79405

RE: Regional Water Planning Grant Contract Between the High Plains UWCD No. 1 (HPUWCD) and the Texas Water Development Board (Board), Contract No. 2002-483-429, Review of Draft Final Reports Entitled "Llano Estacado, Regional Water Planning Area, INFRASTRUCTURE FINANCING REPORT"

Dear Mr. Conkwright:

Staff members of the Texas Water Development Board have completed a review of the draft report under TWDB Contract No. 2002-483-429. As stated in the above referenced contract, the HPUWCD 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 HPUWCD must include a copy of the EXECUTIVE ADMINISTRATOR's comments in the final report. In addition, please provide a copy of the notice or agenda for the May 16, 2002 meeting.

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. Stefan Schuster at (512) 936-2344 if you have any questions about the Board's comments.

Sincerely,

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

Cc: Stefan Schuster, TWDB

ATTACHMENT 1
TEXAS WATER DEVELOPMENT BOARD
TWDB Contract No. 2002-483-429

REPORT COMMENTS

1. Draft report does not include copies of raw survey results or refer to appendix that will contain copies of all the raw survey results. Please include copies of raw survey results in final report.

Response: Survey responses are referenced in the text in Section 4.0, and are included in Appendix E.

2. The Final IFR report survey results must be submitted to TWDB using the original template spreadsheet format, including all original template data fields and data, that was provided by TWDB to the Contractor, per the Contract. Contractor may add additional data (and may add additional data fields if needed) but shall not alter any populated data fields (i.e. must not change any Water Management Strategy (WMS) reference names) or other pre-existing template data or headings. Contractor shall not alter template format or merge cells within the template. Contractor shall include all the template data fields, with original template field names, in all electronic data submissions. A copy of the IFR data spreadsheet must be submitted in electronic format along with the final report. Please indicate when WMS capital costs are associated with Major Water Providers (MWPs) as opposed to WUGs.

Response: A copy of the IFR data spreadsheet is being submitted to the TWDB in electronic format along with the final report. A copy of the IFR Template is included in the report in Appendix C.

3. County Aggregated Water Uses. Summary discussions were not included which detail probable funding mechanisms. Documentation of the process used for the responses was not included.

Response: Section 4.2, County Aggregated Water User Groups has been added to the report. The text of Section 4.2 documents the source of the information.

Appendix E

Llano Estacado Region

Infrastructure Financing

Survey Responses

Copy of Survey Responses on following pages.

Attachment B

EXHIBIT A WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O

Name of Political Subdivision: City of Abernathy, Texas

Contact Person: FRANK D. RUSSELL Title: CITY MANAGER

Telephone: 806 298 2546 E-mail: NONE

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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed

Telephone Number: 512/912-5174

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: Abernathy, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 10 miles of pipeline needed in 2007	\$ 1,863,400	(1999 dollars)
	<u>Additional well</u> needed in 2011	\$ 155,848	(1999 dollars)
	<u>Additional well</u> needed in 2014	\$ 155,848	(1999 dollars)
	<u>Additional well</u> needed in 2019	\$ 155,848	(1999 dollars)
	<u>Additional well</u> needed in 2040	\$ 155,848	(1999 dollars)
	Total	\$ 2,486,792	(1999 dollars)

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 \$ 1,000,000.00

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 \$ 250,000.00

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 \$ _____

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)

5. What are your current water rates? \$ **** 14.75 for 3000 gallons 1.65 per 1000 gal thereafter

6. What is the average monthly water bill for a residential customer of your water utility?

\$ 30.50

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?

\$ 9.00

**** You may enclose a copy of your present water rate schedule to answer this question.

Please note - rates & costs will jump in near future because of stormwater permitting costs

Attachment B**EXHIBIT A
WATER INFRASTRUCTURE FINANCING SURVEY**

Region Name: Llano Estacado, TWDB Region O
Name of Political Subdivision: City of Amherst, Texas
Contact Person: GAYLA COWAN Title: CITY SECRETARY
Telephone: 806-246-3421 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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed

Telephone Number: 512/912-5174

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: Amherst, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 5 miles of pipeline needed in 2017	\$ 643,720	(1999 dollars)
	Additional well needed in 2022	\$ 155,848	(1999 dollars)
	Total	\$ 799,568	(1999 dollars)

- 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 \$ 0

- 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)

- What are your current water rates? \$ **** \$15.00 - 3900 Gallons
1.50/1000 Gallons after

- What is the average monthly water bill for a residential customer of your water utility?
\$ 20.00

- What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 12.00

**** You may enclose a copy of your present water rate schedule to answer this question.

Attachment B

EXHIBIT A WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O
Name of Political Subdivision: City of Denver City, Texas
Contact Person: Stan David Title: City Manager
Telephone: 806-592-5426 E-mail: sdavid@hiplains.net

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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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: Denver City, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	<u>New well and 14 miles of pipeline needed in 2000</u>	<u>\$ 3,780,040</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2015</u>	<u>\$ 200,750</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2017</u>	<u>\$ 200,750</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2019</u>	<u>\$ 200,750</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2020</u>	<u>\$ 200,750</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2022</u>	<u>\$ 200,750</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2045</u>	<u>\$ 155,846</u>	<u>(1999 dollars)</u>
	<u>Total</u>	<u>\$ 4,939,638</u>	<u>(1999 dollars)</u>

- 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 \$ 25,000/year
One new well will be completed and added to the system within a year.

- 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.

- 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 \$ 3,814,638.

- 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)

- What are your current water rates? \$ ****

- What is the average monthly water bill for a residential customer of your water utility?
\$ 25

- What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 9.50

****. You may enclose a copy of your present water rate schedule to answer this question.

ATTACHMENT A - WATER RATES AND FEES

	First 3,000 Gallons (Minimum)	Over 3,000 Gallons (Per 1,000 Gallons)
--	----------------------------------	---

I. Inside City Limits

Residential - 3/4 Inch Meter	\$10.50	\$1.75
Senior Citizen - 3/4 Inch Meter	\$ 6.50	\$1.50
Commercial - 3/4 Inch Meter	\$15.00	\$1.75
Governmental - 3/4 Inch Meter	\$15.00	\$1.50
Residential - 1 Inch Meter	\$20.00	\$1.75
Commercial - 1 Inch Meter	\$20.00	\$1.75
Governmental - 1 Inch Meter	\$20.00	\$1.50
Commercial - 1.5 Inch Meter	\$30.00	\$1.75
Governmental - 1.5 Inch Meter	\$30.00	\$1.50
Commercial - 2 Inch Meter	\$45.00	\$1.75
Commercial - Over 2 Inch Meter	\$65.00	\$1.75
Denver City ISD	\$15.00	\$1.25

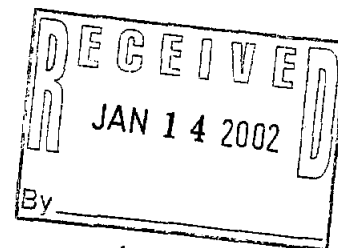
II. Outside City Limits

Residential - 3/4 Inch Meter	\$15.75	\$2.60
Senior Citizen - 3/4 Inch Meter	\$ 9.75	\$2.25
Commercial - 3/4 Inch Meter	\$22.50	\$2.60
Governmental - 3/4 Inch Meter	\$22.50	\$2.25
Residential - 1 Inch Meter	\$30.00	\$2.60
Commercial - 1 Inch Meter	\$30.00	\$2.60
Governmental - 1 Inch Meter	\$30.00	\$2.25
Commercial - 1.5 Inch Meter	\$45.00	\$2.60
Governmental - 1.5 Inch Meter	\$45.00	\$2.25
Commercial - 2 Inch Meter	\$67.50	\$2.60
Commercial - Over 2 Inch Meter	\$97.50	\$2.60

III. Water Tap Fees

	In City Limits	Outside City Limits
A. 3/4 inch meter	\$ 25.00	\$ 250.00
B. Senior Citizen -- 3/4 inch meter	\$ 15.00	\$ 200.00
C. 1 inch meter	\$ 100.00	\$ 450.00
D. 1.5 inch meter	\$ 200.00	\$ 700.00
E. 2 inch meter	\$ 300.00	\$1000.00
F. Over 2 inch meter	\$ 500.00	\$1400.00

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: Dimmitt, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 11 miles of pipeline	needed in 2017	\$ 2,704,020	(1999 dollars)
	Additional well	needed in 2019	\$ 200,772	(1999 dollars)
	Additional well	needed in 2021	\$ 200,772	(1999 dollars)
	Additional well	needed in 2024	\$ 200,772	(1999 dollars)
	Total		\$ 3,306,336	(1999 dollars)

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 \$ 100,000 *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 \$ 100,000.

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 \$ 2,606,336

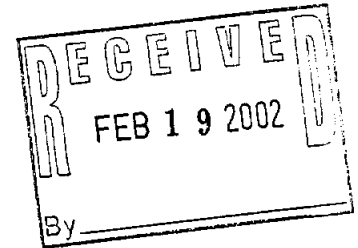
4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary)

5. What are your current water rates? \$ 5²⁵*** 1st 2000 gal

6. What is the average monthly water bill for a residential customer of your water utility?
\$ 60.00

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 8.75

**** You may enclose a copy of your present water rate schedule to answer this question.

Attachment B**EXHIBIT A
WATER INFRASTRUCTURE FINANCING SURVEY**

Region Name: Llano Estacado; TWDB Region O

Name of Political Subdivision: City of Earth, Texas

Contact Person: Doug Parish Title: Mayor

Telephone: 806-257-2111 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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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: Earth, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 3 miles of pipeline needed in 2022	\$ 539,376	(1999 dollars)
	Additional well needed in 2027	\$ 155,848	(1999 dollars)
	Additional well needed in 2040	\$ 155,848	(1999 dollars)
	Total	\$ 850,872	(1999 dollars)

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 \$ 42,544.

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 \$ 42,544.

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 \$ 808,328.

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)
we would have to borrow funds from a lending institution

5. What are your current water rates? \$ ****

6. What is the average monthly water bill for a residential customer of your water utility?
\$ 13.00

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 7.50

**** You may enclose a copy of your present water rate schedule to answer this question.

WATER RATES:	EFFECTIVE 1998	9100
JP TO 3000 GALLONS	10.00	9200
3100	10.15	9300
3200	10.30	9400
3300	10.45	9500
3400	10.60	9600
3500	10.75	9700
3600	10.90	9800
3700	11.05	9900
3800	11.20	10000
3900	11.35	10100
4000	11.50	10200
4100	11.65	10300
4200	11.80	10400
4300	11.95	10500
4400	12.10	10600
4500	12.25	10700
4600	12.40	10800
4700	12.55	10900
4800	12.70	11000
4900	12.85	11100
5000	13.00	11200
5100	13.15	11300
5200	13.30	11400
5300	13.45	11500
5400	13.60	11600
5500	13.75	11700
5600	13.90	11800
5700	14.05	11900
5800	14.20	12000
5900	14.35	12100
6000	14.50	12200
6100	14.65	12300
6200	14.80	12400
6300	14.95	12500
6400	15.10	12600
6500	15.25	12700
6600	15.40	12800
6700	15.55	12900
6800	15.70	13000
6900	15.85	13100
7000	16.00	13200
7100	16.15	13300
7200	16.30	13400
7300	16.45	13500
7400	16.60	13600
7500	16.75	13700
7600	16.90	13800
7700	17.05	13900
7800	17.20	14000
7900	17.35	14100
8000	17.50	14200
8100	17.65	14300
8200	17.80	14400
8300	17.95	14500
8400	18.10	14600
8500	18.25	14700
8600	18.40	14800
8700	18.55	14900
8800	18.70	15000
8900	18.85	15100
9000	19.00	15200

19.15	15300
19.30	15400
19.45	15500
19.60	15600
19.75	15700
19.90	15800
20.05	15900
20.20	16000
20.35	16100
20.50	16200
20.65	16300
20.80	16400
20.95	16500
21.10	16600
21.25	16700
21.40	16800
21.55	16900
21.70	17000
21.85	17100
22.00	17200
22.15	17300
22.30	17400
22.45	17500
22.60	17600
22.75	17700
22.90	17800
23.05	17900
23.20	18000
23.35	18100
23.50	18200
23.65	18300
23.80	18400
23.95	18500
24.10	18600
24.25	18700
24.40	18800
24.55	18900
24.70	19000
24.85	19100
25.00	19200
25.15	19300
25.30	19400
25.45	19500
25.60	19600
25.75	19700
25.90	19800
26.05	19900
26.20	20000
26.35	20100
26.50	20200
26.65	20300
26.80	20400
26.95	20500
27.10	20600
27.25	20700
27.40	20800
27.55	20900
27.70	21000
27.85	21100
28.00	21200
28.15	21300
28.30	21400

28.45	21500
28.60	21600
28.75	21700
28.90	21800
29.05	21900
29.20	22000
29.35	22100
29.50	22200
29.65	22300
29.80	22400
29.95	22500
30.10	22600
30.25	22700
30.40	22800
30.55	22900
30.70	23000
30.85	23100
31.00	23200
31.15	23300
31.30	23400
31.45	23500
31.60	23600
31.75	23700
31.90	23800
32.05	23900
32.20	24000
32.35	24100
32.50	24200
32.65	24300
32.80	24400
32.95	24500
33.10	24600
33.25	24700
33.40	24800
33.55	24900
33.70	25000
33.85	25100
34.00	25200
34.15	25300
34.30	25400
34.45	25500
34.60	25600
34.75	25700
34.90	25800
35.05	25900
35.20	26000
35.35	26100
35.50	26200
35.65	26300
35.80	26400
35.95	26500
36.10	26600
36.25	26700
36.40	26800
36.55	26900
36.70	27000
36.85	27100
37.00	27200
37.15	27300
37.30	27400
37.45	27500
37.60	27600

37.75	27700
37.90	27800
38.05	27900
38.20	28000
38.35	28100
38.50	28200
38.65	28300
38.80	28400
38.95	28500
39.10	28600
39.25	28700
39.40	28800
39.55	28900
39.70	29000
39.85	29100
40.00	29200
40.15	29300
40.30	29400
40.45	29500
40.60	29600
40.75	29700
40.90	29800
41.05	29900
41.20	30000
41.35	30100
41.50	30200
41.65	30300
41.80	30400
41.95	30500
42.10	30600
42.25	30700
42.40	30800
42.55	30900
42.70	31000
42.85	31100
43.00	31200
43.15	31300
43.30	31400
43.45	31500
43.60	31600
43.75	31700
43.90	31800
44.05	31900
44.20	32000
44.35	32100
44.50	32200
44.65	32300
44.80	32400
44.95	32500
45.10	32600
45.25	32700
45.40	32800
45.55	32900
45.70	33000
45.85	33100
46.00	33200
46.15	33300
46.30	33400
46.45	33500
46.60	33600
46.75	33700
46.90	33800

47.05	33900
47.20	34000
47.35	34100
47.50	34200
47.65	34300
47.80	34400
47.95	34500
48.10	34600
48.25	34700
48.40	34800
48.55	34900
48.70	35000
48.85	36000
49.00	36100
49.15	36200
49.30	36300
49.45	36400
49.60	36500
49.75	36600
49.90	36700
50.05	36800
50.20	36900
50.35	37000
50.50	37100
50.65	37200
50.80	37300
50.95	37400
51.10	37500
51.25	37600
51.40	37700
51.55	37800
51.70	37900
51.85	38000
52.00	38100
52.15	38200
52.30	38300
52.45	38400
52.60	38500
52.75	38600
52.90	38700
53.05	38800
53.20	38900
53.35	39000
53.50	39100
53.65	39200
53.80	39300
53.95	39400
54.10	39500
54.25	40000
54.40	40100
54.55	40200
54.70	40300
54.85	40400
55.00	40500
55.15	40600
55.30	40700
55.45	40800
55.60	40900
55.75	41000
55.90	41100
56.05	41200
56.20	41300

56.35	41400
56.50	41500
56.65	41600
56.80	41700
56.95	41800
57.10	41900
57.25	42000
57.40	42100
57.55	42200
57.70	42300
57.85	42400
58.00	42500
58.15	42600
58.30	42700
58.45	42800
58.60	42900
58.75	43000
58.90	43100
59.05	43200
59.20	43300
59.35	43400
59.50	43500
59.65	43600
59.80	43700
59.95	43800
60.10	43900
60.25	44000
60.40	44100
60.55	44200
60.70	44300
60.85	44400
61.00	44500
61.15	44600
61.30	44700
61.45	44800
61.60	44900
61.75	45000
61.90	45100
62.05	45200
62.20	45300
62.35	45400
62.50	45500
62.65	45600
62.80	45700
62.95	45800
63.10	45900
63.25	46000
63.40	46100
63.55	46200
63.70	46300
63.85	46400
64.00	46500
64.15	46600
64.30	46700
64.45	46800
64.60	46900
64.75	47000
64.90	47100
65.05	47200
65.20	47300
65.35	47400
65.50	47500

65.65	47600
65.80	47700
65.95	47800
66.10	47900
66.25	48000
66.40	48100
66.55	48200
66.70	48300
66.85	48400
67.00	48500
67.15	48600
67.30	48700
67.45	48800
67.60	48900
67.75	49000
67.90	49100
68.05	49200
68.20	49300
68.35	49400
68.50	49500
68.65	49600
68.80	49700
68.95	49800
69.10	49900
69.25	50000
69.40	
69.55	
69.70	
69.85	
70.00	
70.15	
70.30	
70.45	
70.60	
70.75	
70.90	
71.05	
71.20	
71.35	
71.50	
71.65	
71.80	
71.95	
72.10	
72.25	
72.40	
72.55	
72.70	
72.85	
73.00	
73.15	
73.30	
73.45	
73.60	
73.75	
73.90	
74.05	
74.20	
74.35	
74.50	
74.65	
74.80	

After 50,000 gallons .15 per hundred

Attachment B

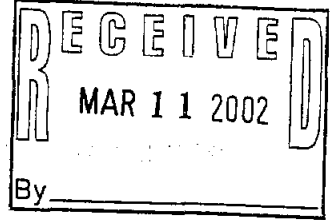


EXHIBIT A
WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O
Name of Political Subdivision: City of Farwell, Texas
Contact Person: D.E. HAMMIT, JR Title: WATER SUPT.
Telephone: (806) 481-3620 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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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: Farwell, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 3 miles of pipeline needed in 2010	\$ 643,720	(1999 dollars)
	Additional well needed in 2014	\$ 155,848	(1999 dollars)
	Additional well needed in 2017	\$ 155,848	(1999 dollars)
	Additional well needed in 2017	\$ 155,848	(1999 dollars)
	Total	\$ 1,111,264	(1999 dollars)

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 \$ 300,000.

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 \$ 300,000.

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 \$ 811,264.

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)

WE WOULD CONSIDER USING ALL SOURCES AVAILABLE

5. What are your current water rates? \$ ****

6. What is the average monthly water bill for a residential customer of your water utility?

\$ 70.⁰⁰

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?

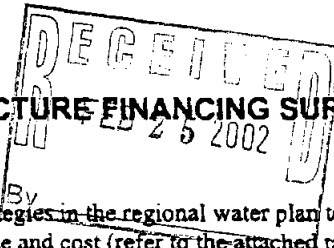
\$ 10.⁰⁰

**** You may enclose a copy of your present water rate schedule to answer this question.

Water Rates For City of Farwell, Tx.

0 to 9999 gallons	\$20.00
10,000 to 19,999 gallons	--\$1.50 per 1,000 gallons
20,000 to 29,999 gallons	--\$2.00 per 1,000 gallons
all over 30,000 gallons	--\$2.50 per 1,000 gallons

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: Hart, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 2 miles of pipeline needed in 2033	\$ 330,088	(1999 dollars)
	Additional well needed in 2038	\$ 155,848	(1999 dollars)
	Total	\$ 485,936	(1999 dollars)

- 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 \$ 100,000.

- 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 \$ NA.

- 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 \$ 385,936.

- 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)

- What are your current water rates? \$ **** 14.50 per 3000 gal / 1.00 per 1000 gal over

- What is the average monthly water bill for a residential customer of your water utility?

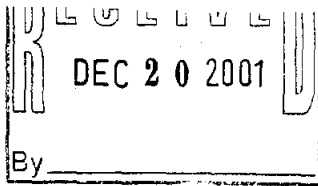
\$ 15 to 20 per mo

- What is the average monthly wastewater bill for a residential customer of your wastewater utility?

\$ 12.50

**** You may enclose a copy of your present water rate schedule to answer this question.

We are currently drilling a new well in a couple of months - cost will be app 325000.00 - we will have State Grant Funds of 250,000.00 we will match app 75,000.00



Attachment B

**EXHIBIT A
WATER INFRASTRUCTURE FINANCING SURVEY**

Region Name: Llano Estacado; TWDB Region O

Name of Political Subdivision: City of Lockney, Texas

Contact Person: GARY MARR Title: MAYOR

Telephone: 806-652-2323 E-mail: GARYDMAR@MSN.COM

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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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: Lockney, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	<u>New well and 2 miles of pipeline needed in 2015</u>	<u>\$ 330,088</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2020</u>	<u>\$ 155,848</u>	<u>(1999 dollars)</u>
	<u>Total</u>	<u>\$ 485,936</u>	<u>(1999 dollars)</u>

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 \$ 72,890, 15%

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 \$ Does Not Apply

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 \$ 413,046; 85%

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

5. What are your current water rates? \$ **** \$18.00 1st 2000 GALS
\$ 2.75 EACH 1,000 GALS AFTER

6. What is the average monthly water bill for a residential customer of your water utility?
\$ 30.00

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 2.00

**** You may enclose a copy of your present water rate schedule to answer this question.

ATTACHMENT "A"

The City Of Lockney is currently in the implementation phase of a grant from the Texas Department of Housing and Community Affairs for the construction of a water pipeline under the Texas Community Development Program. If we get this grant to funding stage, it will pay for a 4 and ½ miles of 8 inch pipeline, out to Aiken, Texas which is going to donate an existing well to Lockney. If this all comes into being, then the only thing the City of Lockney might need someday is another well dug, and you've already estimated the cost of that. If all our current plans do not materialize, then we might need to fall back on your plan. The Cities first choice to be able to pay for that would be to apply for another Grant. Our next choices would be to either finance it by selling bonds or other state-approved finance plans.

Attachment B

EXHIBIT A WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O

Name of Political Subdivision: City of Lubbock, Texas

Contact Person: Ches Carthel Title: Chief Engineer

Telephone: 806-775-2344 E-mail: CCARTHEL@MAIL.CI.
LUBBOCK.TX.US

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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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: Lubbock, Texas

Water Management Strategy Name: Lake Alan Henry Pipeline and Water Treatment Plant

Capital Cost: \$123,963,000 (1999 dollars)

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 \$ 123,963,000

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 \$ 123,963,000

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 \$ 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)

TWDB SRF

5. What are your current water rates? \$ **** \$1.63 per 1000 gal
plus \$8.89 minimum monthly charge

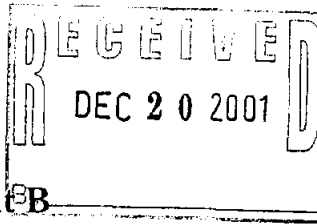
6. What is the average monthly water bill for a residential customer of your water utility?

\$ 25.19

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?

\$ 12.04

**** You may enclose a copy of your present water rate schedule to answer this question.



Attachment **B**

EXHIBIT A
WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O
Name of Political Subdivision: City of Morton, Texas
Contact Person: Brenda Shaw Title: City Manager
Telephone: (806) 266-8850 E-mail: bshaw@hub.ofthe.net

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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed

Telephone Number: 512/912-5174

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: Morton, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	<u>New well and 3 miles of pipeline needed in 2007</u>	<u>\$ 671,220</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2011</u>	<u>\$ 200,772</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2014</u>	<u>\$ 155,848</u>	<u>(1999 dollars)</u>
	<u>Total</u>	<u>\$ 1,027,840</u>	<u>(1999 dollars)</u>

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 \$ 90,000.

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 \$ 100,000.

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 \$ 837,840.

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

5. What are your current water rates? \$ **** 9.00 for first 2,000 usage—Min. charge
2.00 per thousand after min.

6. What is the average monthly water bill for a residential customer of your water utility?
\$ 15.00.

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 8.00.

**** You may enclose a copy of your present water rate schedule to answer this question.

Attachment B

EXHIBIT A WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O
Name of Political Subdivision: City of Sudan, Texas
Contact Person: Richard Salazar Title: Director
Telephone: 806-227-2112 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 (75th 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 (77th 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.

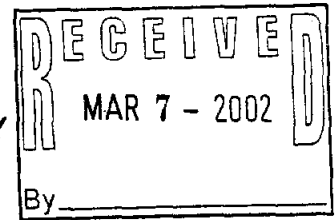
Please return the completed survey by January 31, 2002 to:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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: Sudan, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	<u>New well and 4 miles of pipeline needed in 2006</u>	\$	<u>706,068</u>	(1999 dollars)
	<u>Additional well needed in 2011</u>	\$	<u>155,848</u>	(1999 dollars)
	<u>Total</u>	\$	<u>861,916</u>	(1999 dollars)

- 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 \$ 20,000.

- 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 \$ 20,000.

- 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 \$ 841,916.

- 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. City doing some of the work.

- What are your current water rates? \$ **** 14.58 Average water bill

- What is the average monthly water bill for a residential customer of your water utility?

\$ 10.00 residential 1st 2000 Gallons. 1st every other 1000 GAL

- What is the average monthly wastewater bill for a residential customer of your wastewater utility?

\$ 9.00 residential
9.50 commercial

**** You may enclose a copy of your present water rate schedule to answer this question.

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: Sundown, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 2 miles of pipeline needed in 2006	\$ 496,980	(1999 dollars)
	Additional well needed in 2008	\$ 155,848	(1999 dollars)
	Additional well needed in 2013	\$ 155,848	(1999 dollars)
	Total	\$ 808,676	(1999 dollars)

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? Approx. 1/2.

The political subdivision can afford to pay \$ 400,000.

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 \$ 400,000.

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 \$ 408,676.

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

5. What are your current water rates? \$ **** 1.50 per 1000 up to 25,000
2.00/1000 for 25,000 - 50,000 \$ 2.50 Any over 50,000

6. What is the average monthly water bill for a residential customer of your water utility?
\$ 22.50

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 7.75

**** You may enclose a copy of your present water rate schedule to answer this question.

Attachment B

EXHIBIT A WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O

Name of Political Subdivision: City of Whiteface, Texas

Contact Person: Syd Albus Title: City Manager

Telephone: 800-287-1111 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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

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: Whiteface, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	New well and 2 miles of pipeline needed in 2023	\$ 330,088	(1999 dollars)
	Additional well needed in 2028	\$ 155,848	(1999 dollars)
	Total	\$ 485,936	(1999 dollars)

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 \$ 63,000.

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 \$ 63,000.

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 \$ 422,936.

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

5. What are your current water rates? \$ ****

6. What is the average monthly water bill for a residential customer of your water utility?

\$ 40.00

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?

\$ 9.00

**** You may enclose a copy of your present water rate schedule to answer this question.

**CITY OF WHITEFACE
UTILITY RATES - OCT. 1, 2000**

	Inside City limits	Outside City limits
Gas		
Min. - 2,000 cu.ft.	\$15.00	\$15.00
after 2,000 cu.ft.		
resident and business	\$7.00/1000 cuft	\$7.10/1000 cuft
sr. citizen*	\$5.25/1000 cuft	\$5.25/1000 cuft
ag. use	\$5.25/1000 cuft	\$5.25/1000 cuft
school	\$7.00/1000 cuft	
Tax		
resident	1%	
business	7.25%	6.25%

Water

resident & business		
Min. 2,000 gal.	\$9.00	\$10.00
3,000 - 23,000 gal.	\$1.50 /1,000	\$1.75 /1,000
24,000 - 43,000 gal.	\$1.65 /1,000	\$1.90 /1,000
44,000 - up	\$1.85 /1,000	\$2.10 /1,000
firemen & churches - min. 20,000 gal. - same rates after 20,000 gal.		
bulk water - \$.15/barrel (42 gal.)		

Sewer

resident & business	\$9.00	\$10.00
school	\$345.00	

Garbage (contracted to Duncan Disposal)

resident	\$17.00	\$19.00
sm. business **	\$33.00	\$35.00
business 3yd.	\$43.00 per	\$45.00 per
business 4yd.	\$57.00 per	\$59.00 per
school 12-3yd.	\$43.00 per	
Tax	7.25%	6.25%

*62yrs. of age or older - primary provider of household - apply at City Hall

** owner must have one or more City utilities at resident - charge includes resident fee

All meters read around the 18th of each month. Bills mailed before the 1st of each month.

Bills due by the 10th of each month. --- Late fee \$20 --- Reconnect fee \$10

Electricity provider - Southwestern Public Service - 1-800-750-2520

TV Cable provider - Classic Cable 1-800-999-8876

Attachment B

EXHIBIT A WATER INFRASTRUCTURE FINANCING SURVEY

Region Name: Llano Estacado; TWDB Region O
Name of Political Subdivision: City of Wilson, Texas
Contact Person: Susann Follis Title: City Sec
Telephone: 806-628-6221 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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 · Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

Water & Sewer rates

0-3000 gal. \$11.00

\$1.50 per 1000 gal.

sewer \$5.00

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: Wilson, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	<u>New well and 2 miles of pipeline needed in 2019</u>	\$	<u>330,088</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2024</u>	\$	<u>155,848</u>	<u>(1999 dollars)</u>
	<u>Total</u>	\$	<u>485,936</u>	<u>(1999 dollars)</u>

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 \$ 308.

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 \$ 309.

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 \$ 708.

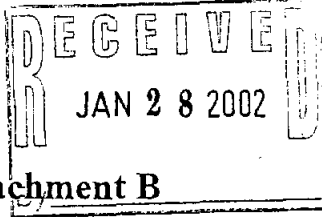
4. For the costs the political subdivision cannot pay, what option(s) is proposed? What, if any, state funding sources would the political subdivision consider? (Use additional sheets, if necessary)

5. What are your current water rates? \$ ****

6. What is the average monthly water bill for a residential customer of your water utility?
\$ 32.41

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ 22.41

**** You may enclose a copy of your present water rate schedule to answer this question.



Attachment B

**EXHIBIT A
WATER INFRASTRUCTURE FINANCING SURVEY**

Region Name: Llano Estacado; TWDB Region O
Name of Political Subdivision: City of Wolfforth, Texas
Contact Person: Frankie Pittman Title: City Administrator
Telephone: 806-866-4215 E-mail: citywolf@arn.net

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 (75th 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 (77th 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:

Herb Grubb
HDR Engineering, Inc.
2211 South IH-35 Suite 300
Austin, TX 78741

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

Grady Reed Telephone Number: 512/912-5174

We understand that Wolfforth and Lubbock are discussing ways for Lubbock to assist Wolfforth in securing water for the future, and therefore Wolfforth may not need to implement a separate plan. If this is accurate, please so indicate on the survey form and return it for our records.

For communication and coordination purposes a copy of this correspondence is being forwarded to Mr. Ches Carthel of Lubbock so that Wolfforth's needs are appropriately considered, if an agreement has been reached for Lubbock to assist in supplying water to Wolfforth.

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: Wolfforth, Texas

Water Management Strategy Name: Local Groundwater

Capital Cost:	<u>New well and 2 miles of pipeline needed in 2011</u>	<u>\$ 496,980</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2015</u>	<u>\$ 155,848</u>	<u>(1999 dollars)</u>
	<u>Additional well needed in 2018</u>	<u>\$ 155,848</u>	<u>(1999 dollars)</u>
	<u>Total</u>	<u>\$ 808,676</u>	<u>(1999 dollars)</u>

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 \$. *(SEE ATTACHED)*

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 ATTACHED)*

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 \$. *(SEE ATTACHED)*

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)

5. What are your current water rates? \$ **** *SEE ATTACHED*

6. What is the average monthly water bill for a residential customer of your water utility?
\$ SEE ATTACHED.

7. What is the average monthly wastewater bill for a residential customer of your wastewater utility?
\$ SEE ATTACHED

**** You may enclose a copy of your present water rate schedule to answer this question.

**WATER INFRASTRUCTURE FINANCING SURVEY
CITY OF WOLFFORTH RESPONSES**

1. The City of Wolfforth will implement rate and tax increases that are economically feasible for our citizens, and competitive with the surrounding communities, to fund as much of the capital cost as possible. We will seek assistance for the balance of the required funds.
2. The City of Wolfforth will fund as much as is economically feasible at the time, and will seek assistance for the balance of the costs.
3. The City of Wolfforth will be unable to pay capital costs that exceed our financial capability at the time the funds are required.
4. The City of Wolfforth will pursue any available funding sources.
5. See attached
6. The average monthly water bill for a residential customer in the City of Wolfforth is \$36.08, based on the last twelve months.
7. Wastewater charges for the City of Wolfforth residential customers are \$13.00 per month (flat rate).

ADDITIONAL COMMENTS:

The City of Lubbock is **not** providing water to the City of Wolfforth. The City of Lubbock will provide treatment and delivery, for a per 1,000 gallon charge, for water the City of Wolfforth has contracted to purchase from the City of Slaton. The City of Wolfforth has a contract to purchase 50,000,000 gallons per year from the City of Slaton, for a period of ten years.

Current City of Wolfforth water rates;
Adopted September 17, 2001.

0-3000 gallons (minimum) \$10.00
3,000-25,000 gallons \$2.90/1,000 gallons
26,000-50,000 gallons \$3.15/1,000 gallons
over 51,000 gallons \$3.40/1,000 gallons

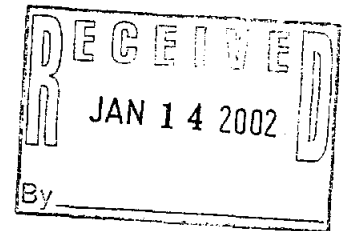
Mackenzie Municipal Water Authority

ROUTE 1, BOX 14
SILVERTON, TEXAS 79257

ADMINISTRATIVE OFFICES
(806) 633-4318
FAX (806) 633-4318

TREATMENT PLANT
(806) 633-4326

January 9, 2002



Mr. Herb Grubb
H.D.R. Engineering, Inc.
2211 South IH 35
Austin, TX 78741

Dear Mr. Grubb:

This letter is a response letter to Region O Water Plan, and should be considered to insure an adequate water supply for our area. Mackenzie Municipal Water Authority depends on surface runoff as a source of water. The four member cities that receive water from the lake have wells that are used to supplement their water needs.

Drought conditions have lowered the lake to twenty percent of its capacity and at present member cities are only receiving 40 percent of their original allotment of water. If the drought continues the lake will drop to a cutoff level and each city will depend upon ground water.

Lockney and Silverton will have a critical water shortage. Tulia and Floydada will have an adequate supply of water for several years with their ground water supply. To ensure an adequate supply of water for the four cities, it will require outside sources of water or an adequate amount of rain each year. Water could be piped in from either Dalham or Hartley counties to the Mackenzie Treatment Plant. The water could be pumped to any of the four cities we serve. With outside source of water the Mackenzie Water Treatment Plant could supply Happy and Kress, TX with water. This would require additional pipelines and pumping plants.

If you need additional information, please let me know.

Sincerely,

MACKENZIE MUNICIPAL WATER AUTHORITY

A handwritten signature in cursive script that reads "Tom Davey".

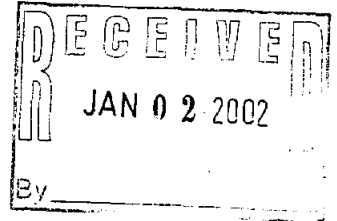
Tom Davey
General Manager

TD:gw

LLANO ESTACADO REGIONAL WATER PLANNING GROUP

December 11, 2001

Mr. Tommy O. O'Brien, General Manager
White River Municipal Water District
HCR 2 Box 141
Spur TX 79370



Dear Mr. O'Brien:

On January 5, 2001, the 16 Regional Water Planning Groups (RWPGs) of Texas submitted their respective regional water plans to the Texas Water Development Board (TWDB) as required by Senate Bill 1 (75th Texas Legislature). The adopted regional water plans identified water management strategies needed to ensure a sufficient supply of water for the 50-year planning period. The plans also presented capital cost estimates for each of the strategies included in the approved regional water plans. Senate Bill 2 (77th Texas Legislature) charges the RWPGs with examining what financial assistance, if any, is needed to implement the water management strategies and projects included in the 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 Llano Estacado Regional Water Planning Group is in the process of surveying the 28 municipalities of The Llano Estacado Region (TWDB Region O) that have a need for water, and for which a water management strategy was included in the Regional Water Plan. The survey includes the following 4 questions, as specified by the TWDB:

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 \$ 5 MILLION.

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 \$ 5 MILLION.

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).

ANY GRANTS AVAILABLE TO HELP OFFSET COSTS TO CUSTOMERS

Once we receive responses from the survey, the results will be tabulated and reported to the TWDB. However, Senate Bill 2 also requires the RWPGs to develop a policy statement(s) that answers the following question:

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

Mr. Tommy O'Brien

Page 2

For completing this element, Senate Bill 2 (77th Texas Legislature, Regular Session) requires that RWPGs give particular attention to proposed increases in the level of **State Participation** in funding for regional water supply projects to meet needs beyond the reasonable financing capability of local governments, regional authorities, and other political subdivisions involved in building water infrastructure. **State Participation** is explained as follows:

"The State Participation Program enables TWDB to purchase a temporary ownership interest in a regional project when local sponsors are unable to assume the debt for an optimally sized facility. TWDB may acquire ownership interests in the water rights or a co-ownership interest in the property or treatment works. Currently, TWDB's participation is limited to a maximum of 50% of the project costs and to the portion of the project designated as "excess" capacity. 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."

Since your organization has responsibilities and experience in the conservation, development, and/or supplying of water within the Llano Estacado Region, The Llano Estacado Regional Water Planning Group hereby invites you to provide your recommendations regarding financing of water infrastructure. We would very much appreciate receiving your recommendations and comments regarding **State Participation**, as it is described above. However, your ideas, in general, about water infrastructure financing are also welcome.

Please forward your comments to our Consultant, Mr. Herb Grubb, HDR Engineering, Inc., 2211 South IH 35, Austin, TX 78741. Mr. Grubb's telephone number is 512/912-5105. Our deadline for receiving responses is January 31, 2002.

Thank you for your assistance.



H. P. Brown, Jr., Chair

Llano Estacado Regional Water Planning Group



THE DISTRICT NEEDS HELP WITH FINANCING FOR IMPROVEMENTS
TO EXISTING INFRASTRUCTURE.

South Plains Underground Water Conservation District



Directors

President
Lewis Waters

Vice President
Dan Day

Secretary
Scott Hamm

Members
Doyle Moss
Matt Hogue

District Staff

General Manager
Jason Coleman

Administrative Assistant
Lindy Harris

Mailing Address
P.O. Box 986
Brownfield, TX
79316

Office Location
802 Tahoka Rd.
Brownfield, TX
79316

Telephone
806-637-7467

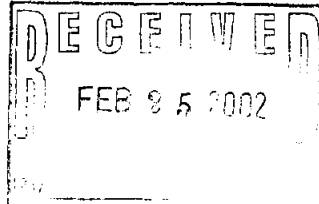
Facsimile
806-637-4364

E-Mail
spuwcd@earthlink.net

Web Page
www.spuwcd.org

January 9, 2002

Mr. Herb Grubb
HDR Engineering, Inc.
2211 South IH 35
Austin, TX 78741



Dear Mr. Grubb:

The Board of Directors of the South Plains Underground Water Conservation District has developed the following comments regarding State Participation in funding regional water supply projects:

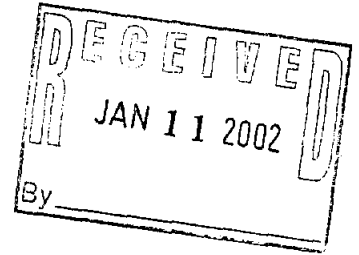
1. We support the Texas Water Development Board's Ag Conservation Loan Program. It has helped our District convert inefficient irrigation systems to higher efficient LEPA systems.
2. We support the concept of State Participation in funding regional water supply projects where needed. However, we also believe that the development of any strategy must also be supported at the local level for best success.

Sincerely,

Jason Coleman
General Manager

JC:lh

**GARZA COUNTY
UNDERGROUND AND FRESH WATER
CONSERVATION DISTRICT
300 WEST MAIN
POST, TEXAS 79356**



Mr. Herb Grubb
HDR Engineering, Inc.
2211 South IH 35
Austin, Texas 78741

Mr. Grubb:

At the present time, the Directors of the Garza County Underground and Fresh Water Conservation District feel that not being on a tax base and that we are funded by the County Commissioners' Court, we are unable to contribute to the cost of the Region "O" Water Management Plan.

If you could send more information as to what the cost of the plan and also what our District might be expected to pay, we will take another look at it.

A copy of this letter is being sent to Mr. H. P. Brown, Chairman,
Llano Estacado Regional Water Management Planning Group, 2930 Avenue Q,
Lubbock, Texas 79405-1499

Sincerely,

A handwritten signature in cursive script that reads "Ferrell Wheeler".

Mr. Ferrell Wheeler, Chairman

BOARD MEMBERS:
Ferrell Wheeler, Chairman
John Boren
Ronnie Graves
Ronald Thuett
Dicky Wallace

LLANO ESTACADO REGIONAL WATER PLANNING GROUP

December 11, 2001

Mr. Farrell Wheeler
Garza County Underground and Fresh Water Conservation District
Route 2 Box 34
Post, TX 79356

Dear Mr. Wheeler:

On January 5, 2001, the 16 Regional Water Planning Groups (RWPGs) of Texas submitted their respective regional water plans to the Texas Water Development Board (TWDB) as required by Senate Bill 1 (75th Texas Legislature). The adopted regional water plans identified water management strategies needed to ensure a sufficient supply of water for the 50-year planning period. The plans also presented capital cost estimates for each of the strategies included in the approved regional water plans. Senate Bill 2 (77th Texas Legislature) charges the RWPGs with examining what financial assistance, if any, is needed to implement the water management strategies and projects included in the 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.

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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 \$ _____.
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Mr. Farrell Wheeler

Page 2

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Thank you for your assistance.



for H. P. Brown, Jr., Chair
Llano Estacado Regional Water Planning Group