

**ROLLING PLAINS
GROUNDWATER
CONSERVATION
DISTRICT**

MANAGEMENT PLAN

ADOPTED – JUNE 22, 2000

REVISED – July 19, 2001

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ABSTRACT

The total usable amount of groundwater in the District from the Region B Regional Water Plan (RWPG-B) and the Brazos G Regional Water Plan (BGRWPG) estimates is 58,023 acre-feet.

An average estimated quantity of groundwater being used in the District annually from the Texas Water Development Board Water Resources Planning Division for the years 1993-97 is 54,616 acre-feet. The estimate for the 1997 usage is 45,124 acre-feet from the RWPG-G and BGRWPG Regional Water Plans. The actual usage in 1999-2000 has increased above these numbers due to a recorded drop in measured well levels by 4.1 feet.

These same reports from the Regional Water Planning Groups estimate the annual recharge to the aquifer for the District is 58,023 acre-feet. The RWPG-B report estimates the annual recharge to amount to 5% of the average annual precipitation that falls on the aquifer outcrop. The report from BGRWPG estimates the annual recharge to amount to 8% of the average annual precipitation that falls on the aquifer outcrop. The measured decline of 4.1 feet in the last 24 months of drought and high water use make these numbers reflect averages and not the present actual situation.

At the present time, there are no other major groundwater sources in the District. There are no presently feasible methods for increasing the natural or artificial recharge to the aquifer.

The usable amount of groundwater available annually during the duration of this management plan using the estimated recharge previously cited is 58,023 acre-feet. The BGRWPG estimated quantity of surface water available in 2010 to the District that comes from Millers Creek Reservoir in Baylor County is projected to amount to 2,887 acre-feet. The total annual estimated amount of projected available water supply for the District is 60,910 acre-feet.

The projected water demand within the District for the ten-year term of this management plan estimated from the Regional Water Plans (RWPG-B and BGRWPG) is 59,841 acre-feet per year for 2010.

This management plan is to be in effect for ten years from the date of its approval. During that time, there will be many issues that will arise as demand exceeds supply. The District will use all regulatory statutes, in addition, but not limited to, a program of information and groundwater monitoring to achieve conservation and a fair and efficient use within the District of this valuable resource. An example of present cooperation to achieve this end is the present practice of blending groundwater with surface water to stretch surface water supplies and still meet drinking water standards in times of prolonged drought.

The goals of the proposed revised management plan are consistent with those of the Region B and Brazos G Regional Water Plans.

The goals determined not to be applicable to the District are subsidence, resolution of natural resource management issues and conjunctive surface water management issues.

DISTRICT MISSION

The Rolling Plains Groundwater Conservation District will strive to develop, promote, and implement water conservation, augmentation, and management strategies to protect water resources

for the benefit of the citizens, economy, and environment of the district.

STATEMENT OF GUIDING PRINCIPLES

The district recognizes that the groundwater resources of the region are of vital importance. The preservation of this most valuable resource can be managed in a prudent and cost effective manner through education and cooperation. The greatest threat to prevent the district from achieving the stated mission is inappropriate management, based on a lack of understanding of local conditions.

A basic understanding of the aquifers and their hydrogeologic properties, as well as a quantification of resources are the foundation from which to build prudent planning measures. This management document is intended as a tool to focus the thoughts and actions of those given the responsibility for the execution of district activities throughout the ten-year period that is the focus of this plan, i.e. (2001-2011).

General Description

The District was created by the citizens of Haskell and Knox Counties through election, January 27, 1999. Baylor County was added to the District after an annexation petition and subsequent referendum on August 12, 2000. Senate Bill 611 of the Seventy-seventh Legislature was signed by the Governor on May 5, 2001. This changed the name of the District and provided for the Board of Directors to be increased to twelve members to include members from Baylor County. The current officers are Ed Murphy-President, Joe Tidwell-Vice-President, and Dolan Moore, Secretary-Treasurer. The other members are Sam Boone, Robert A. Turner, Larry Short, Bill Thomas, David Albus, Rudy Hons, Gary Max Coltharp, Glenn Ray Howell and Kenny Shipman. The District General Manager is Mike McGuire. Rolling Plains Groundwater Conservation District (RPGCD) has the same areal extent as that of Baylor, Haskell and Knox Counties, Texas. The Counties have an economy dominated by the agricultural community. The agricultural income is derived primarily from cotton, peanuts, wheat, and beef cattle production. Production of petroleum also contributes to the income of the counties.

Location and Extent

Baylor, Haskell and Knox Counties, having an areal extent of 2667 square miles, are located in northwest central Texas. The counties are bounded on the east by Archer and Throckmorton Counties, on the north by Foard and Wilbarger Counties, on the west by King and Stonewall Counties, and on the south by Jones and Shackelford Counties. Seymour, which is centrally located in the county, is the county seat of Baylor County. Haskell, which is centrally located in the county, is the county seat of Haskell County. Benjamin, which is centrally located in the county is the county seat of Knox County.

Topography and Drainage

Topographically, the District consists of rolling plains heavily dissected by Brazos and Wichita River drainage. The altitude of the land surface ranges from 1053 to 1681 feet above mean sea level.

Baylor County lies within the drainage system of the Brazos and Wichita River basins. The Brazos River enters the county from the west and traverses through the middle of the county and exits through the southeast corner. The Wichita River enters the county from the west and traverses across the upper half of the county and exits through the northeast corner.

Knox County lies within the drainage system of the Brazos and Wichita River basins. The Brazos River enters the county in the southwest and traverses through the middle of the county and exits through the east side. The Wichita River enters the county from the west and traverses through the middle of the county and exits through the northeast corner.

Haskell County lies within the drainage system of the Brazos River. The Brazos River parallels the western boundary of the county and shows up again in the southeastern corner of the county.

Groundwater Resources of Baylor, Haskell and Knox Counties

The Seymour aquifer is the only source of moderate to large supplies of fresh groundwater in Baylor, Haskell and Knox Counties. No alternative fresh supplies exist from deeper formations. The aquifer underlies 321,220 acres and furnishes water to over 3,000 irrigation wells. Municipal, domestic, and stock supplies are also dependent on the Seymour.

The geologic and hydrologic character of the Seymour is quite variable. Typically, wells are 40 to 60 feet deep and are completed in the lower part of the formation, which normally consists of sand and gravel. Well yields average 270 gallons per minute and are as high as 1,300 gallons per minute. Specific capacities of wells average over 50 gallons per minute per foot of drawdown. Saturated thickness is typically between 20 and 40 feet. Transmissivities range from 20,000 to over 300,000 gallons per day per foot and average 100,000 gallons per day per foot. Ground-water movement rates, unaffected by pumping, average between 800 and 1,200 feet per year.

Nearly all recharge to the Seymour is by direct infiltration of precipitation on the land surface. Analysis of pumpage, water levels, and precipitation over the past 20 years indicates that nearly 55,000 acre-feet per year is available for pumping by wells. Annual pumpage in recent years has ranged from about 30,000 acre-feet to about 70,000 acre-feet, averaging 45,600 acre-feet.

Water quality in the Seymour is variable. The dissolved solids content of natural water from individual wells ranges from about 300 milligrams per liter to 3,000 milligrams per liter. Most values are between 400 and 1,000 milligrams per liter. The best quality water is found in and adjacent to

the more important recharge areas. Generally, water quality is satisfactory for irrigation purposes. Most water quality meets state standards for public supplies, except for nitrate content that commonly exceeds the limit of 45 milligrams per liter. Nitrate contents of Seymour water are typically from 30 to 90 milligrams per liter. Available chemical analyses and nitrogen isotope analyses indicate most of the nitrate in the Seymour results from leaching of natural soil nitrate due to cultivation.

The Seymour aquifer is susceptible to pollution from both surface and near surface sources. Over 3,200 past and present, actual and potential pollution sources exist on the Seymour. Most are only potential sources; actual count is believed to number a few hundred. Existing pollution is due mainly to past pollution sources and activities, and not to current practices. Most existing pollution has been due to oil field brines and septic tank discharge.

It is estimated that about 2 percent of the water in the Seymour aquifer is affected by pollution. About 75 percent of the existing pollution is estimated to be due to the past disposal of oil field brine into unlined surface pits. An estimated 20 percent has been caused by leaky injection wells and unplugged, abandoned holes. About 4 percent of existing pollution results from septic tanks, while miscellaneous sources are responsible for 1 percent. Little effect on water quality results from return flow of irrigation water, evapotranspiration, or agricultural application of fertilizer and pesticides.

The portions of the aquifer affected currently by pollution are relatively localized. The portions of the aquifer affected by pollution will increase in the future due to the natural movement of ground water and to the spreading effects caused by pumping wells. However, portions of the aquifer affected by significant pollution will not become extremely large in the future. Significant future pollution problems will be confined mostly to individual properties as opposed large areas of the aquifer.

Correcting existing pollution can take years, or even decades, and can be very costly. Thus, prevention rather than correction is most important in dealing with ground-water pollution. For past pollution sources, it is possible only to control the resulting pollution plumes either by removal or avoidance measures. Pollution removal measures involve pumping by wells to remove the pollutants from the aquifer. Typically, this is impractical because of the large volumes of water that must be pumped, the relatively long period of time required, and problems regarding disposal of pumped water. Avoidance methods include relocating wells affected by pollution or selective pumping and blending to obtain a quality of water that can be used. These can be effective methods if the pollution is not severe or if the property involved is large, and sufficient quantities of unpolluted water can be obtained.

It has been estimated in the Region B Regional Water Plan (RWPG-B) that annual recharge to the Seymour aquifer in Baylor County is 9,690 acre-feet per year or 5% of the average annual precipitation that falls on the outcrop. The Brazos G Regional Water Plan (BGRWPG) estimates the annual recharge to the Seymour Aquifer as 8% of the annual precipitation that falls on the outcrop. This recharge estimate is for 22,866 acre-feet per year for Haskell County and 24,124

acre-feet per year for the Seymour Aquifer in Knox County. In the northwestern portion of Knox County, the Blaine Aquifer is a minor aquifer that has an estimated recharge of 1,333 acre-feet per year. In periods of prolonged drought this annual recharge rate is negligible along with increased demand. These estimates equate availability with recharge and provide the outcrop (water table) portion of the District to contain 58,023 acre-feet of available water in storage.

Surface Water Resources of Baylor, Haskell and Knox Counties

Baylor County has two major reservoirs located on the Wichita River. Lake Kemp and Lake Diversion are owned and operated by the city of Wichita Falls, located outside the District in Wichita County. Baylor County also has a reservoir located on the Brazos River. Millers Creek Reservoir is owned and operated by the North Central Texas Municipal Water Authority, whose member cities are Haskell, Goree, Munday and Knox City.

Haskell County's only surface impoundment used to supply water, other than for livestock consumption, is Lake Stamford. The owner and operator of Stamford Lake is the City of Stamford, located outside the District in Jones County.

Knox County contains no significant surface water resources.

Projected Water Supplies of Baylor, Haskell and Knox Counties

Regardless of published projected supplies for Baylor, Haskell and Knox Counties, the District has determined that groundwater demands of the counties will exceed an amount that results in the recoverable volume of water in storage in the District to be less than today's value on January 1, 2050. Based upon the values derived from the availabilities estimation process for RWPG-B and BGRWPG, the calculated maximum annual rate of production from the Seymour and Blaine aquifers of Baylor, Haskell and Knox Counties is 58,023 acre-feet. Although, data has yet to be determined to judiciously describe the Seymour and Blaine aquifers, the goal to maintain 100 percent of current recoverable volume in storage to the year 2050 is applicable. The estimated surface water supply available in 2010 according to the BGRWPG is from Miller's Creek Reservoir is 2887 acre-feet per year. This provides an estimate of total projected supply in 2010 of 60910 acre-feet per year.

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Groundwater Use in Baylor, Haskell and Knox Counties

The groundwater usage in 1997 was revised by RWPG-B and BGRWPG in the preparation of their respective plans. The revised usage amounts for 1997 are:

Baylor County	1,352 acre-feet per year
Haskell County	26,742 acre-feet per year
Knox County	17,035 acre-feet per year
Total Groundwater Use	45,129 acre-feet per year

During the five years from 1993-97, groundwater usage in the District has varied from a high of 66,008 acre-feet to a low of 33,073 acre-feet. The average of the groundwater usage from the Texas Water Development Board Water Resources Planning Division for these five years is 54,616 ac-ft. The actual numbers for 1999-2000 are higher than these, due to a documented decline in the water table of 4.1 feet by District personnel.

Projected Demands for Water in Baylor, Haskell and Knox Counties

Projected water needs have been developed in the Regional Water Plans (RWPG-B and BGRWPG). These management-planning documents are based upon TWDB estimates that may be modified within RPWG criteria and will be used until alternatives are generated. The RPWG-B has projected that the total water demand for Baylor County will be 2,559 acre-feet per year in 2010. The BGRWPG has projected that the total water demand for Haskell County will be 25,182 acre-feet per year in 2010. The BGRWPG has projected the total water demand for Knox County will be 32,100 acre-feet per year in 2010. This projects the total water demand for the District will be 59,841 acre-feet per year in 2010. This estimate is based on projections of the following breakdown and population statistics. The city of Seymour will have a demand of 668 acre-feet per year by the year 2010. Its projected population in 2010 is 2944. The city of Haskell will have a demand of 535 acre-feet per year by the year 2010. Its projected population in 2010 is 3590. The projected demands and population for the city of Munday are 296 acre-feet per year and 1,684 respectively for 2010. The projected demands and population for Knox City are 238 acre-feet per year and 1,577 respectively for 2010. A projected irrigation demand for Baylor, Haskell and Knox Counties is estimated to be 52,452 acre-feet per year. Projected mining demands are 85 acre-feet per year and domestic livestock demands are 2170 acre-feet per year for 2010. Regional projections for water for manufacturing in the District are 0 acre-feet per year for 2010. Steam electric water demands for

2010 for Baylor and Knox Counties are 0, while Haskell County is projected to have a need for 2,340 acre-feet per year.

Potential Demand, Supply Issues and Solutions

Based on all calculations and projections it is obvious that issues will arise when demands exceed supplies. The District will use all regulatory statutes available to encourage the cities of Baylor, Haskell and Knox Counties to develop conservation plans and additional surface water supplies. The District anticipates that these cities may also have problems meeting needs during periods of drought.

Management of Groundwater Supplies

The District will manage the supply of groundwater within the District, in order to conserve the resource while seeking to maintain the economic viability of all resource user groups, public and private. In consideration of the economic and cultural activities occurring within the District, the District will continue to identify and engage in such activities and practices, which if implemented, would result in preservation and protection of the groundwater. The observation network will continue to be reviewed and maintained in order to monitor changing conditions of groundwater within the District. The District will undertake investigations of the groundwater resources within the District and will make the results of investigations available to the public.

The District will adopt, as necessary, rules to regulate groundwater withdrawals by means of spacing and/or production limits. The relevant factors to be considered in making the determination to grant a permit or limit groundwater withdrawal, will include:

1. The purpose of the District and its rules;
2. The equitable conservation and preservation of the resource; and
3. The economic hardship resulting from granting or denying a permit or the terms prescribed by the rules.

In pursuit of the District's mission of preserving and protecting the resource, the District will enforce the terms and conditions of permits and the rules of the District by enjoining the permit holder in a court of competent jurisdiction, as provided for in TWC Chapter 36.102, if necessary.

Actions, Procedures, Performance and Avoidance for Plan Implementation

The District will implement the provisions of this plan and will utilize the provisions of this plan as a guidepost for determining the direction or priority for all District activities. All operations of the District, all agreements entered into by the District, and any additional planning efforts in which the District may participate will be consistent with the provisions of this plan.

The District will adopt, as necessary, rules relating to the implementation of this plan. The rules adopted by the District shall be pursuant to TWC Chapter 36 and the provisions of this plan. All rules will be adhered to and enforced. The promulgation and enforcement of the rules will be based on the best technical evidence available.

The District shall treat all citizens with equality. Citizens may apply to the District for discretion in enforcement of the rules on grounds of adverse economic effect or unique local characteristics. In granting of discretion to any rule, the Board shall consider the potential for adverse effect on adjacent owners and aquifer conditions. The exercise of said discretion by the Board shall not be construed as limiting the power of the Board.

The methodology that the District will use to trace its progress on an annual basis in achieving all of its management goals will be as follows:

The District manager will prepare and present an annual report to the Board of Directors on District performance in regards to achieving management goals and objectives (during the first monthly Board of Directors meeting each fiscal year, beginning October 1, 2000). The report will include the number of instances each activity was engaged in during the year.

15
and
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The annual report will be maintained on file at the District office.

GOALS, MANAGEMENT OBJECTIVES and PERFORMANCE STANDARDS

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Goal 1.0 Provide for Most Efficient Use of Groundwater Within the District.

1.1. Management Objective

Each year, on four (4) or more occasions, the District will disseminate educational information relating to conservation practices for the efficient use of water resources. These will include but are not limited to publications from the Texas Water Development Board, Texas Natural Resource Conservation Commission, Texas Agricultural Extension Service, and other resources.

1.1a Performance Standard

Number, annually, on four or more occasions, the District disseminated educational information relating to conservation practices for the efficient use of water resources.

1.2. Management Objective

Each year the District will monitor five (5) or more selected wells within the District for possible contamination problems, which would jeopardize the integrity of the groundwater by collecting samples for analysis.

1.2a Performance Standard

Number of samples collected and analyzed each year on five (5) or more wells.

1.2b Performance Standard

Number of contamination problems each year.

16

1.3. Management Objective

Each year the District will monitor water levels in five (5) or more selected wells within the District

1.3a Performance Standard

Number of water levels taken each year on five (5) or more selected wells.

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Goal 2.0

Control and Prevent Waste of Groundwater Within the District.

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2.1. Management Objective

Each year, on two (2) or more occasions, the District will disseminate educational/informational materials directed toward preventing the waste of groundwater.

20

2.1a Performance Standard

Number, annually, of two (2) or more occasions the District disseminated educational/informational materials directed toward preventing waste of water each year.

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SB-1 MANAGEMENT GOALS DETERMINED NOT-APPLICABLE

1.0 Control and Prevention of Subsidence.

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The rigid geologic framework of the region precludes significant subsidence from occurring. *Therefore, the management goal for controlling subsidence within the District is not applicable to the operations of the District.*

30

2.0 Cooperative Resolution of Natural Resource Management Issues.

The District has no documented occurrences of endangered or threatened species dependent upon groundwater resources. *Therefore, the management goal for addressing natural resource issues which impact the use and availability of groundwater and which are impacted by the use of groundwater in the District is not applicable to the operations of the District.*

3.0 Provide for Addressing Conjunctive Surface Water Management Issues

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At the present time, the District has no jurisdiction over any surface water projects. Likewise, no agency which regulates surface water, has the authority to manage groundwater within the territory of this District. *Therefore, the management goal for addressing conjunctive surface water management issues within the District is not applicable to the operations of the District.*

* Summary definitions.

Optimal- Shall be derived from the minimum number of observations determined by spatial, temporal, and District resource constraints to adequately describe the aquifer system and responses to external influences.

Waste - as defined by Chapter 36 of Texas Water Code means any one or more of the following:

1. Withdrawal of groundwater from a groundwater reservoir at a rate and in an amount that causes or threatens to cause intrusion into the reservoir of water unsuitable for agricultural, gardening, domestic, or stock-raising purposes;
2. The flowing or producing of wells from a groundwater reservoir if the water produced is not used for a beneficial purpose;
3. Escape of groundwater from a groundwater reservoir to any other reservoir or geologic strata that does not contain groundwater;
4. Pollution or harmful alteration of groundwater in a groundwater reservoir by salt water or by other deleterious matter admitted from another stratum or from the surface of the ground;
5. Willfully or negligently causing, suffering, or allowing groundwater to escape into any river, creek, natural watercourse, depression, lake, reservoir, drain, sewer, street, highway, road, or road ditch, or onto any land other than that of the owner of the well unless such discharge is authorized by permit, rule, or order issued by the Commission under Chapter 26 of the Texas Water Code;

6. Groundwater pumped for irrigation that escapes as irrigation tailwater onto land other than that of the owner of the well unless permission has been granted by the occupant of the land receiving the discharge; or

7. For water produced from an artesian well, waste has the meaning assigned by Section 11.205 of the Texas Water Code.

Abandoned Well - shall mean a well or borehole the condition of which is causing, or is likely to cause, pollution of groundwater in the District and includes a well which is or is not in use or which contains no pumping equipment (open or uncovered well). A well or borehole which is not in compliance with applicable law, including the Rules and Regulations of the District, the Texas Water Well Driller's Act, Texas Natural Resource Conservation Commission, or any other state or federal agency or political subdivision having jurisdiction, if presumed to be an abandoned or deteriorated well.

District- the Rolling Plains Groundwater Conservation District.

Board- the Board of Directors of the Rolling Plains Groundwater Conservation District.

AGENDA

The Directors of the Rolling Plains Groundwater Conservation District will meet at the North Central Texas Municipal Water Authority, 135 N. Munday Ave., Munday, Texas on Thursday, July 19, 2001 at 7:00 p.m. 11

The following items of business will be transacted:

Public Hearing on Proposed revisions on District Management Plan
Public Hearing on Proposed revisions on District Rules and Regulations

1. Call to Order
2. Roll Call
3. Consideration: Public comments
4. Consideration: Management Plan
5. Consideration: Rules and Regulations
6. Adjourn

Regular Open Meeting of RPGCD

1. Call to Order
2. Roll Call
3. Consideration: Public Comments
4. Consideration: Approval of Minutes of the Previous Meeting
5. Consideration: Approval of Financial Report & Payment of Current Bills
6. Consideration: Proposed Resale of Property held in Trust by Appraisal District
7. Consideration: Approval of Water Well Permits
8. Consideration: Equipment Requirements
9. Consideration: Report on Legislation
10. Consideration: State Requirements
11. Consideration: Report on District Rules Implementation
12. Consideration: Baylor County Appraisal District Collection Contract
13. Consideration: Policies and Procedures for the Operation of the District
14. Consideration: Set Meeting Place and Time
15. Adjourn

THESE AGENDA ITEMS WILL NOT BE TAKEN NECESSARILY IN THIS ORDER.

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FILED

10th day of July 2001

DORIS RUSHING
Clerk County Court
Baylor County, Texas

By Doris Rushing Dep.

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THESE AGENDA ITEMS WILL NOT BE TAKEN NECESSARILY IN THIS ORDER.

FILED FOR RECORD
at 11:00 o'clock A m

JUL 10 2001

RHONDA MOELLER
Clerk County Court, Haskell County
R Deputy

AGENDA

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THESE AGENDA ITEMS WILL NOT BE TAKEN NECESSARILY IN THIS ORDER.

THIS COPY OF POSTING
WAS POSTED ON

THE 10 DAY OF July 2001
Quinn DePue
CLERK, KNOX COUNTY, TEXAS
BY Mark Sten DEPUTY
10:00 H.M.

MINUTES FROM A MEETING OF THE BOARD OF DIRECTORS OF
ROLLING PLAINS GROUNDWATER CONSERVATION DISTRICT

Date: 7-19-01
Time: 7:00 p.m.
Place: Rolling Plains Groundwater Conservation District offices in Munday, Texas 76371.
Type: Public Hearing & Regular Monthly Meeting

DIRECTORS PRESENT

David Albus
Gary Max Coltharp
Rudy Hons
Glenn Ray Howell
Dolan Moore
Ed Murphy

DIRECTORS ABSENT

Sam Boone
Kenny Shipman
Larry Short
Bill Thomas
Joe Tidwell
Robert Turner

OTHERS PRESENT

Kim Brockett
Mike McGuire

Public Hearing was called to order by Ed Murphy, President of the Board, at 7:15 p.m.

Mr. Murphy then turned the hearing over to Mr. Mike McGuire, General Manager for the District. Mr. McGuire then discussed the changes to the Management Plan brought forth by the annexation of Baylor County. It was discussed at length with the Board until all questions were satisfied.

Mr. McGuire then discussed the changes to the Rules and Regulations brought forth by the annexation of Baylor County. This was also discussed at length until all questions were satisfied.

After all comments, suggestions and questions were exhausted on both issues a motion to adjourn the Hearing was made by Gary Max Coltharp and seconded by David Albus. Motion carried by unanimous vote. Hearing adjourned at 8:10 p.m.

The **regular monthly meeting** was called to order by Ed Murphy at 8:14 p.m.

Mr. Murphy then asked that the **minutes** from the Board meeting on June 21, 2001 be reviewed for accuracy and completeness. Following review, with no corrections, additions or deletions required, a motion was made by Dolan Moore and seconded by Glenn Ray Howell to approve the minutes as written. Motion carried by unanimous vote.

Next, the **financial statement** and purchases and payments for June 1, 2001 through June 30, 2001 were reviewed. Following review and discussion, a motion was made by Glenn Ray Howell and seconded by David Albus to approve the financial statement and purchases and payments as presented. Motion carried by unanimous vote.

Next, Mr. McGuire then discussed the need to purchase the necessary equipment to begin **water testing** at various wells throughout the three counties in the District. Mr. McGuire then informed the Board that he would be contacting the Water Development Board with a Grant proposal to help fund the cost of the needed equipment and supplies for the water testing. No action required.

Next, Mr. McGuire presented the board with the Baylor County Appraisal District "**Contract for Assessment & Collections Services in 2001**" to the Board for review and discussion. Following review, with no corrections, additions or deletions required, a motion was made by David Albus and seconded by Glenn Ray Howell to accept the Contract as presented. Motion carried by unanimous vote.

Next, Mr. McGuire informed the Board that Baylor County Appraisal District acquires it's Board Members by having one Board Member from each Taxing Entity within Baylor County sit on the B.C.A.D. Board. After a brief discussion, Glenn Ray Howell volunteered his services to sit on the B.C.A.D. Board. A motion was made by Dolan Moore and seconded by David Albus for Glenn Ray Howell to hold a **seat on the B.C.A.D. Board** of Directors. Motion carried by unanimous vote.

Next, Mr. McGuire introduced a **Resolution to adopt the revised Management Plan** for the Rolling Plains Groundwater Conservation District. A motion was made by Rudy Hons and seconded by Gary Max Coltharp to adopt the resolution. Motion carried by unanimous vote.

Next, Mr. McGuire introduced a **Resolution to adopt the revised Rules and Regulations** for the Rolling Plains Groundwater Conservation District. A motion was made by David Albus and seconded by Glenn Ray Howell to adopt the resolution. Motion carried by unanimous vote.

Next, Mr. McGuire discussed the hiring of an Accountant to do our next annual Audit for our current fiscal year to end on September 30, 2001. After discussion, a motion was made by Dolan Moore and seconded by Rudy Hons to hire James Castagna, CPA from Seymour, Texas to be our **Auditor for the upcoming annual Audit**. Motion carried by unanimous vote.

A motion was made by Rudy Hons and seconded by David Albus to hold the next meeting on August 16, 2001 at 7:00 p.m. at 135 N. Munday Ave., Munday, Texas. Motion carried by unanimous vote.

Motion to adjourn at 8:38 p.m. was made by Gary Max Coltharp and seconded by Glenn Ray Howell. Motion carried by unanimous vote.

ATTEST: Ed Murphy

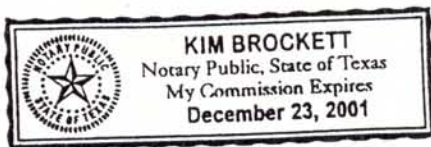
Dolan Moore

State of Texas
County of Knox

Before me, a notary public, on this day personally appeared Ed Murphy and Dolan Moore, known to me to be the persons whose names are subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.

Given under my hand and seal of office this 30th day of July, 2001.

Kim Brackett
Notary Public



AFFIDAVIT OF PUBLICATION

*Rolling Plains Groundwater
Conservation District
Public Notice on Public Hearing*

**STATE OF TEXAS
COUNTY OF BAYLOR**

Before me, the undersigned authority, on this day personally appeared **Matt Gwinn**, the Editor/Owner of **The Baylor County Banner**, a newspaper having **general circulation in Baylor County, Texas**, who being duly sworn, deposes and says that the foregoing attached notice was published in said newspaper on the following date(s), to wit:

July 5

_____ 2001

Matt Gwinn

Matt Gwinn

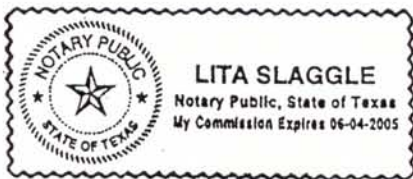
Subscribed and sworn to before me this the 26th day of July, 2001, to certify which witness my hand and seal of office.

Lita Slaggle

LITA SLAGGLE

Notary Public in and for
Baylor County, Texas

SEAL



PUBLIC NOTICE
NOTICE IS HEREBY GIVEN that a public hearing will be held at 7:00 p.m. on the 19th day of July, 2001 before the Board of Directors of Rolling Plains Groundwater Conservation District at 135 N. Munday Ave., Munday, Texas, in regard to the Amendments to the Rules and Regulations and to the Districts Management Plan. The Board of Directors encourage all citizens of Baylor, Haskell and Knox Counties to participate and to make their views known at this public hearing.



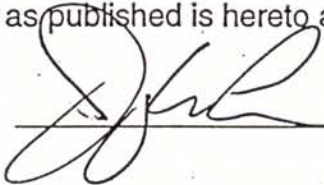
X

Publisher's Affidavit

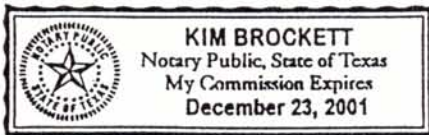
STATE OF TEXAS:
COUNTY OF KNOX:


Before me, the undersigned authority, on this day personally appeared Jay White known to me to be the person whose name is subscribed hereto, who, being by me duly sworn, on his oath deposes and says that he is the publisher of The Munday Courier, a newspaper published in Knox County with general circulation in Knox County, that a copy of the within and foregoing citation was published in said newspaper on the following date(s), to-wit: July 4, 2001.

That a copy of said notice as published is hereto attached and made a part hereof.



Subscribed and sworn to before me this the 3rd day of August, 2001, to certify which witness my hand and seal of office.




Notary Public in and for Knox County, Texas



My commission expires 12-23-01

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a public hearing will be held at 7:00 p.m. on the 19th day of July, 2001 before the Board of Directors of Rolling Plains Groundwater Conservation District at 135 N. Munday Ave., Munday, Texas, in regard to the Amendments to the Rules and Regulations and to the District's Management Plan. The Board of Directors encourage all citizens of Baylor, Haskell and Knox Counties to participate and to make their views known at this public hearing. 36-1tc

AFFIDAVIT OF PUBLICATION

STATE OF TEXAS

COUNTY OF KNOX

Before me, the undersigned authority, on this day personally

appeared *Stacy Angle Thompson*, the Publisher / Editor

of *The Knox County News*, a newspaper having general

circulation in Knox County of the state of Texas, who being by me

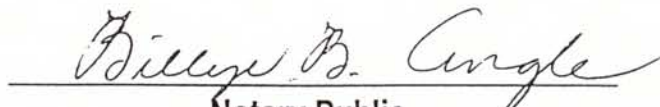
duly sworn, deposes and says that the foregoing notice was

published in said newspaper on the

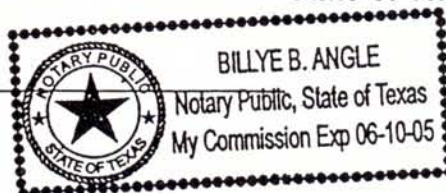
following date, to wit: July 5, 2001


Signature of Newspaper Publisher

Subscribed and sworn to before me on this 26th day of
July 2001, to certify which witness my hand and seal of
office.


Notary Public
State of Texas

My commission expires: _____



PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that a public hearing will be held at 7:00 p.m. on the 19th day of July, 2001, before the Board of Directors of Rolling Plains Groundwater Conservation District at 135

See CLASSIFIEDS, Page Four

AFFIDAVIT OF PUBLISHER

THE STATE OF TEXAS

COUNTY OF HASKELL

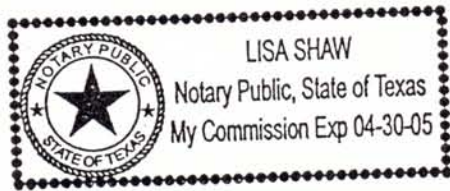
Before me, the undersigned authority, on this day personally appeared John McDougal known to me, who being by me duly sworn, on his oath deposes and says that he is publisher of the Haskell Free Press, a newspaper of general circulation published in said County; that said newspaper has been continuously and regularly published in said County for a period of more than one year; that a copy of the within and foregoing notice was published in said newspaper, such publication being on the following dates,

July 5,

_____ A.D., 2001, and a newspaper copy of which is hereto attached.


JOHN McDOUGAL-PUBLISHER

Sworn to and subscribed before me, this 9th day of July A.D., 2001.




_____, Notary Public

LISA SHAW
HASKELL, HASKELL COUNTY TEXAS
My commission expires April 30, 2005

Printer's fee, \$ 17.05

PUBLIC NOTICE

Notice is hereby given that a public hearing will be held at 7:00 p.m. on the 19th day of July, 2001 before the Board of Directors of Rolling Plains Groundwater Conservation District at 135 N. Munday Ave., Munday, Texas, in regard to the Amendments to the Rules and Regulations and to the Districts Management Plan. The Board of Directors encourage all citizens of Baylor, Haskell and Knox Counties to participate and to make their views known at this public hearing.

27c

Rolling Plains Groundwater Conservation District

P.O. Box 717
Munday, Texas 76371

Management Plan 2001-2011

WHEREAS, the Haskell-Knox Underground Water Conservation District was created in May, 1993 by authority of HB 2862 of the 73rd Texas legislature; and

WHEREAS, by authority of SB 611 of the 77th Texas legislature; the name was changed to the Rolling Plains Groundwater Conservation District (District), and

WHEREAS, the District is required by SB1 through Chapter 36.1071 of the Texas Water Code to develop and adopt a Management Plan; and

WHEREAS, the District is required by SB1 to submit the adopted Management Plan to the Executive Administrator of the Texas Water Development Board for review and certification; and

WHEREAS, the District's revised Management Plan shall be certified by the Executive Administrator, if the plan is administratively complete; and

WHEREAS, the District Board of Directors has determined that the ten (10) year Management Plan addresses the requirements of Chapter 36.1071,

10

NOW, THEREFORE, be it resolved that the Board of Directors of the Rolling Plains Groundwater Conservation District, following notice and hearing, hereby adopts this revised ten (10) year Management Plan; and

FURTHER, be it resolved, that this revised Management Plan shall become effective immediately upon adoption.

Adopted this 19th day of July, 2001, by the Board of Directors of the Rolling Plains Groundwater Conservation District.

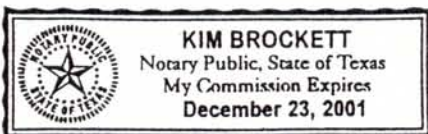

Dolan Moore, Board Secretary


Ed Murphy, Board President

State of Texas
County of Knox

Before me, a notary public, on this day personally appeared Dolan Moore and Ed Murphy, known to me to be the persons whose names are subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.

Given under my hand and seal of office this 19th day of July, 2001.




Notary Public

RESOLUTION ADOPTING RULES OF THE ROLLING PLAINS GROUNDWATER CONSERVATION DISTRICT

WHEREAS, The Rules of the Rolling Plains Groundwater Conservation District, attached hereto as Attachment A, have been developed for the purpose of conserving, preserving, protecting and recharging the underground water in the District, and this action is taken under the District's statutory authority to prevent waste and protect the rights of owners of interest in groundwater;

WHEREAS, In accordance with Chapter 36 of the Texas Water Code, as amended, and in accordance with the Haskell-Knox Underground Water Conservation District Act, HB 2862, 73rd Leg., as amended by SB 611, 77th Leg., which changed the name to the Rolling Plains Groundwater Conservation District, the following rules are hereby ratified and adopted as the rules of the Rolling Plains Groundwater Conservation District by its Board of Directors;

WHEREAS, The rules, regulations and modes of procedure contained are adopted for the purpose of simplifying procedure, avoiding delays, saving expense and facilitating the administration of this District and these rules shall be so construed; and

WHEREAS, Under no circumstances, and in no particular case will these Rules, or any part of them, be construed as a limitation or restriction upon the exercise of any discretion, where such exists; nor may they in any event be construed to deprive the Board of an exercise of powers, duties and jurisdiction conferred by law, nor to limit or restrict the amount and character of data or information which may be required for the proper administration of the law.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ROLLING PLAINS GROUNDWATER CONSERVATION DISTRICT THAT:

- (1) The "Rules of the Rolling Plains Groundwater Conservation District" contained in attachment A are hereby adopted.
- (2) All prior rules are hereby repealed.
- (3) The General Manager is hereby authorized to take any all action necessary to implement this resolution.
- (4) These rules take effect July 19, 2001.

AND IT IS SO ORDERED.

PASSED AND ADOPTED on this 19th day of July, 2001.

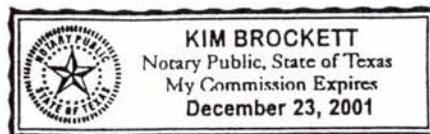
SIGNED:

Ed Murphy
Ed Murphy, President

ATTEST

Dolan Moore
Dolan Moore, Secretary/Treasurer

State of Texas
County of Knox
Before me, a notary public, on this day personally appeared Ed Murphy and Dolan Moore, known to me to be the persons whose names are subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.
Given under my hand and seal of office this 19th day of July, 2001.
Kim Brockett
Notary Public



Rolling Plains Groundwater

Conservation District

P.O. Box 717

Munday, Texas 76371

Office: 940-422-1095 Fax: 940-422-1094

12

August 6, 2001

Mr. Dolan Moore
North Central Texas Municipal Water Authority
P. O. Box 36
Munday, Texas 76371

Dear Mr. Moore:

To fulfill the statutory requirement for coordination with surface water entities and regional planning groups, enclosed please find a copy of the Rolling Plains Groundwater Conservation District's adopted "Groundwater Management Plan" that has been submitted for Texas Water Development Board certification as mandated by Chapter 36 of the Texas Water Code.

The management plan will be in force for 10 years from the date adopted by the Board. If there should be any additional information that you require, please do not hesitate to call.

Sincerely,

Mike McGuire

Mike McGuire
General Manager
Rolling Plains GCD

Rolling Plains Groundwater

Conservation District

P.O. Box 717

Munday, Texas 76371

Office: 940-422-1095 Fax: 940-422-1094

August 6, 2001

Mr. Ron Glenn
Red River Authority
900 8th Street, Suite 520
Wichita Falls, Texas 76301-6894

Dear Mr. Glenn:

To fulfill the statutory requirement for coordination with surface water entities and regional planning groups, enclosed please find a copy of the Rolling Plains Groundwater Conservation District's adopted "Groundwater Management Plan" that has been submitted for Texas Water Development Board certification as mandated by Chapter 36 of the Texas Water Code.

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Sincerely,

Mike McGuire

Mike McGuire
General Manager
Rolling Plains GCD

Rolling Plains Groundwater

Conservation District

P.O. Box 717

Munday, Texas 76371

Office: 940-422-1095 Fax: 940-422-1094

August 6, 2001

Mr. Philip J. Ford
Brazos River Authority
P. O. Box 7555
Waco, Texas 76714-7555

Dear Mr. Ford:

To fulfill the statutory requirement for coordination with surface water entities and regional planning groups, enclosed please find a copy of the Rolling Plains Groundwater Conservation District's adopted "Groundwater Management Plan" that has been submitted for Texas Water Development Board certification as mandated by Chapter 36 of the Texas Water Code.

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Sincerely,

Mike McGuire

Mike McGuire
General Manager
Rolling Plains GCD

Rolling Plains Groundwater

Conservation District

P.O. Box 717

Munday, Texas 76371

Office: 940-422-1095 Fax: 940-422-1094

August 6, 2001

13

Mr. Ron Glenn
Red River Authority
900 8th Street, Suite 520
Wichita Falls, Texas 76301-6894

Dear Mr. Glenn:

To fulfill the statutory requirement for coordination with surface water entities and regional planning groups, enclosed please find a copy of the Rolling Plains Groundwater Conservation District's adopted "Groundwater Management Plan" that has been submitted for Texas Water Development Board certification as mandated by Chapter 36 of the Texas Water Code.

The management plan will be in force for 10 years from the date adopted by the Board. If there should be any additional information that you require, please do not hesitate to call.

Sincerely,

Mike McGuire

Mike McGuire
General Manager
Rolling Plains GCD

Rolling Plains Groundwater

Conservation District

P.O. Box 717

Munday, Texas 76371

Office: 940-422-1095 Fax: 940-422-1094

August 6, 2001

Mr. John Garth
Brazos G Regional Water Planning Group
Brazos River Authority
P. O. Box 7555
Waco, Texas 76714-7555

Dear Mr. Garth:

To fulfill the statutory requirement for coordination with surface water entities and regional planning groups, enclosed please find a copy of the Rolling Plains Groundwater Conservation District's adopted "Groundwater Management Plan" that has been submitted for Texas Water Development Board certification as mandated by Chapter 36 of the Texas Water Code.

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Sincerely,



Mike McGuire
General Manager
Rolling Plains GCD