

Plateau Underground Water Conservation & Supply District

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Plateau Underground Water Conservation & Supply District

Management Plan

Mission Statement

The Plateau Underground Water Conservation & Supply District was created by Acts of the 59th Texas Legislature in 1965. The District was created to provide for the conservation, preservation, protection, recharge and prevention of waste of the underground water reservoirs located under the District consistent with Article XVI, Section 59, of the Texas Constitution and Chapter 36 of the Texas Water Code. The District strives to bring about conservation, preservation and the efficient, beneficial and wise use of water for the benefit of the citizens and economy of the District through monitoring and protecting the quality of the groundwater. The District also strives to maintain groundwater ownership and rights of the landowners as provided in the Texas Water Code §36.002.

Time Period for This Plan

This plan becomes effective upon certification by the Texas Water Development Board and replaces the existing management plan adopted by the Board of Directors. This new plan remains in effect until a revised plan is certified or September 1, 2008, whichever is earlier. This plan will be reviewed and amended as necessary.

General Description

The District is governed by five Directors which are elected by local voters. The current Board of Directors are: De Lux, Chairman; Sam Henderson, Jr., Vice-Chairman; Tom Enochs, Secretary; Lynn Griffin and Ronnie Sauer. District rules have been in effect since 1992 which will effectuate the management plan. The District encompasses Schleicher County which is located in the southwestern part of Texas with Eldorado, Texas as the county seat. Schleicher County's economy is agricultural based with a significant contribution from the oil and gas industry.

Management of Groundwater Supplies

The District aid in the management of groundwater supplies 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 identify and engage in such activities and practices, that could result in a reduction of groundwater use. An observation network shall be maintained in order to monitor changing quality and storage conditions of groundwater supplies within the District. The District will employ all technical resources at its disposal to evaluate the resources available within the District and to determine the effectiveness of management or conservation measures.

The District has adopted rules to manage groundwater withdrawals by means of spacing and production limits. The District may deny a well construction permit or limit groundwater withdrawals in accordance with the guidelines stated in the rules of the District. In making a determination to approve or deny a permit or limit groundwater withdrawals, the District will consider the public benefit against individual hardship after considering all appropriate testimony. The relevant factors to be considered in making a determination to deny a permit or limit groundwater withdrawals include: purpose of District rules, available recharge, legal rights, equitable distribution of resource and economic hardship to both individual surface owners and surrounding community resulting from grant or denial of permit or terms prescribed by the permit.

Regional Cooperation and Coordination

West Texas Regional Groundwater Regional Alliance:

In 1988, four groundwater conservation districts, Coke County UWCD, Glasscock County UWCD, Irion County WCD and Sterling County UWCD signed an original Cooperative Agreement. As new districts were created, they too signed the Cooperative Agreement. In the fall of 1996, the original Cooperative Agreement was redrafted and the West Texas Regional Groundwater Alliance was created. The West Texas Regional Groundwater Alliance consists of twelve locally created and locally funded groundwater conservation districts that encompass almost 11.5 million acres or seventeen thousand eight hundred square mile of West Texas. Due to the diversity of the region, each member district provides it's own unique programs to best serve its constituents. The current member

districts are:

| | | |
|--------------------|------------------|----------------------|
| Coke County UWCD | Emerald UWCD | Glasscock UWCD |
| Hickory UWCD#1 | Irion County WCD | Lipan-Kickapoo WCD |
| Plateau UWCD | Santa Rita UWCD | Sterling County UWCD |
| Sutton County UWCD | Lone Wolf GCD | Menard County UWD |

This Alliance was created because the local districts have a common objective to facilitate the conservation, preservation and beneficial use of water and related resources. Local districts monitor water-related activities of the State's largest industries such as farming & ranching, oil and gas and municipalities. The Alliance provides coordination essential to effect region wide planning in an area which has common water resource allocation problems that are unique to this portion of the State of the member districts and the monitoring of activities in order to accomplish their objectives.

West Texas Weather Modification Association

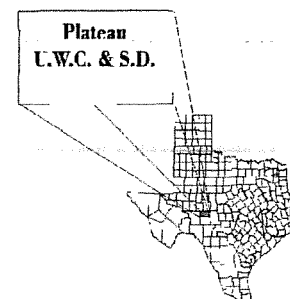
In 1996, the West Texas Weather Modification Association was formed for the purpose of providing weather modification for rainfall enhancement and aquifer recharge. The target area of WTWMA includes 6.4 million acres or ten thousand square miles. The District has participated in WTWMA since 1996.

Aquifer Recharge Study

Groundwater characteristics for the Edwards-Trinity aquifer have been based on very little data and sometimes have been derived from the Edwards Aquifer statistical data. In an effort to formulate more accurate information about the aquifer, the District in conjunction with other Districts of the WTRGA, Region F RWPG and TWDB have agreed to measure water levels on a monthly basis and record rainfall to be combined with other data and evaluated by LBG-Guyton & Assoc.

Geographical Information

The District lies within the Edwards Plateau and consists of approximately 838,003 acres in Schleicher County, Texas.



Groundwater Resources

The Edwards-Trinity (Plateau) aquifer is the fresh water source for Schleicher County and includes all rocks from the base of the Antlers to the top of the Georgetown Formation (Washita Group). Limestone is the predominant rock underlying the Edwards Plateau soils. The permeability of the limestone is not necessarily due to intergranular pore space as in sandstones, but more to joints, crevices, and solution openings that have been enlarged by solvent action of water charged with carbon dioxide.

Permian limestone contains fresh to slightly saline water in the area of the common corners of Kimble, Menard, Schleicher and Sutton Counties. The Permian is overlain by the Edwards and associated limestones in this area and is recharged by water from the Cretaceous.¹

Groundwater Resource Estimates

All estimates of groundwater availability, usage, supplies, recharge, storage and future demands are from data supplied by the Region F Regional Water Plan, January 2001 or the Texas Water Development Board unless otherwise noted. Data sources include "Water for Texas, Today and Tomorrow, August 1997", aquifer parameters derived from pumping tests performed by TWDB, and TWDB personnel. These estimates will be used until alternate numbers are generated. Use of these estimates does not constitute endorsement by the District.

Useable Amount of Groundwater

The total useable amount of groundwater within the Edwards and associated limestone is 670,402 acre feet. Saturated thickness data from drilling logs was used in the calculation and specific yield of 0.04.² The total useable amount of groundwater within the Trinity Aquifer is 5,590,841 acre feet. This figure is based on a 90 ft. saturated thickness and 0.074 specific yield.³ Water from the Trinity Aquifer is normally considered not potable.

¹Occurrence, Availability, and Chemical Quality of Ground Water in the Edwards Plateau Region of Texas, Report 235, Texas Department of Water Resources, Loyd E. Walker, July 1979.

²TWDB, Report 233

³Water for Texas, Today and Tomorrow, Texas Water Development Board, 1997.

Projected Water Supply

(expressed in acre feet)

| River Basin | Aquifer | 1990 | 2000 | 2010 |
|--------------|-----------------|---------------|---------------|---------------|
| Colorado | Edwards-Trinity | 24,375 | 24,375 | 24,375 |
| Rio Grande | Edwards-Trinity | 10,278 | 10,278 | 10,278 |
| Total | | 34,653 | 34,653 | 34,653 |

*source of data - *Water for Texas, Today & Tomorrow*, Texas Water Development Board, 1997.

Information from the Region F RWPG 2001 Plan indicates the following available water supply-

Edwards-Trinity (Colorado River Basin) - 26,145

Edwards-Trinity (Rio Grande River Basin) - 8,508

Total 34,653

Note: The Board of Directors of the Plateau UWCSD strongly question the validity and basis of the above water supply numbers derived from TWDB data.

The District consists of 838,003 acres with 34,653 acre feet of water. Dividing the acre feet by total acres brings a total of .04 acre feet/acre or 13,034 gallons/acre. It should also be noted that groundwater is available in quantities to sustain agricultural activities in most areas. However, some areas are void of enough water to adequately supply domestic uses.

Amount of Groundwater Used Annually

(expressed in acre feet)

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Municipal | 485 | 510 | 488 | 580 | 607 | 542 |
| Irrigation | 1065 | 1065 | 1441 | 1644 | 1818 | 1427 |
| Mining | 79 | 142 | 132 | 132 | 133 | 150 |
| Livestock | 484 | 503 | 396 | 384 | 531 | 540 |
| | | | | | | |
| Total | 2113 | 2220 | 2457 | 2740 | 3089 | 2659 |

*source of data - *Water for Texas, Today & Tomorrow*, Texas Water Development Board, 1997.

| | 1996 | 1997 | 1998 | 1999 | 2000 |
|------------|------|------|------|------|------|
| Municipal | 598 | 566 | 866 | 645 | 671 |
| Irrigation | 1611 | 1695 | 2419 | 3132 | 2150 |
| Mining | 150 | 125 | 105 | 105 | 105 |
| Livestock | 651 | 585 | 479 | 523 | 547 |
| | | | | | |
| Total | 3010 | 2971 | 3869 | 4405 | 3473 |

*source of data - Texas Water Development Board

These figures do not include the water consumption of invasive vegetation. A large mature juniper has a transpiration rate of about 33 gal/day⁴ or 12,045 gal/yr. or 0.04 ac-ft/year. At a density equivalent to only one mature juniper per acre, an estimated loss of 33,720 ac-ft/year occurs within the District. The transpiration rate of a mesquite tree is estimated at 21 gallons/day⁵ or 7,665 gal/yr. or 0.02 ac-ft/year. At a density equivalent to one mesquite tree per acre, an estimated loss of 16,860 ac-ft/year occurs within the District. The following table is a brief description of brush populations within the District.⁶

| Density | | | | | |
|--------------|---------------|--------------|---------------|---------------|---------------|
| Light | | Moderate | | Heavy | |
| Cedar | Mesquite | Cedar | Mesquite | Cedar | Mesquite |
| 34,400 acres | 239,000 acres | 60,000 acres | 146,800 acres | 164,000 acres | 388,600 acres |

Annual Effective Recharge & Recoverable Storage

(expressed in acre feet)

| River Basin | Aquifer | Recharge |
|--------------|-----------------|---------------|
| Colorado | Edwards-Trinity | 24,375 |
| Rio Grande | Edwards-Trinity | 10,278 |
| Total | | 34,653 |

⁴"Biology and Ecology of Redberry Juniper," by Darrell N. Uehert, Technical Report 97-1, Juniper Symposium 1997, Texas Agricultural Experiment Station, TAMU.

⁵Ibid

⁶Brush Survey of 1973, Schleicher County, Soil Conservation Service.

*source of data - *Water for Texas, Today & Tomorrow*, Texas Water Development Board, 1997 & Region F RWPG 2001 Plan.

Rainfall is the only source of recharge for the District. Many parameters affect the amount of water that actually reaches the aquifer. Vegetative growth, soil construction and rate of rainfall are some of the parameters affecting the amount of water reaching the aquifer.

In The Edwards Plateau region, the annual rate of evaporation is three times greater than the annual rate of precipitation, thus creating a perpetual low soil moisture content that retards percolation except under the most ideal conditions. Percolation usually occurs during relative short periods after rainfall. Soil permeability is an expression of the ability of water to pass through pore spaces of the soil and varies throughout the Edwards Plateau from less than 0.06 to 0.63 inches per hour. Rain intensities greater than these rates will produce surface runoff. ⁷

Additional Recharge

The estimate of the annual amount of additional natural or artificial recharge of groundwater within the District, that could result from implementation of feasible methods for increasing the natural or artificial recharge is difficult to determine due to the direct correlation to rainfall. There are several feasible methods of additional recharge:

1. Flood Prevention Sites - In 1962, Public Law 566 mandated the construction of thirteen dam sites on the Dry Devil's River Draw and Lowery Draw for the prevention of flooding in Sonora, Texas. Of the two of the sites located within Schleicher County, site #1 is capable of detaining 4,866 acre feet and site #2 is capable of detaining 5,000 acre feet.⁸ The dams were designed to regulate flow of floodwater, thereby releasing water at a predetermined rate to prevent flooding. Since construction of the sites, the only storm event to produce enough storm water to fill structures #9, #10, #11 & #12 occurred in 1990. Structures #1-8 have never been filled to capacity.
2. Weather Modification - Weather modification is another tool considered effective for increased aquifer recharge. The Colorado River Municipal Water District Weather Modification Program indicates a 23% increase in rainfall within the target area over a 26 year period. San Angelo conducted a weather enhancement program from 1985 to 1989 with a result rate of 15% increase in rainfall. The District has been a member of the West Texas Weather Modification Association since the initial season of 1996. The average rainfall for the District is 19.0 in/year and 11.2 in from May through September when weather modification activities occur.⁹ A modest 10% increase of one inch of rainfall during the growing season results in a reduction of pumpage for all users, potential increase in runoff, increases productivity of crops and rangeland, provides additional moisture infiltration below root depth available for recharge and increases spring flow. One inch of rainfall distributed over the entire District is equal to 69,833 ac-ft of rainwater. Under ideal conditions, 20%

⁷ Occurrence, Availability, and Chemical Quality of Ground Water in the Edwards Plateau Region of Texas, Report 235, Texas Department of Water Resources, Loyd A. Walker, 1979.

⁸ Workplan for Watershed Protection and Flood Prevention, U.S. Department of Agriculture Soil Conservation Service, 1958

⁹ Texas Almanac, 1995.

of rainfall infiltrates beyond the root zone for potential recharge, increased rainfall would result in additional potential recharge as follows:

| Increase During Growing Season (Ave. 11.2 in, May-September) | 10% Increase (1.12 inch) | 15% Increase (1.68 inches) | 23% Increase (2.58 inches) |
|--|--------------------------|----------------------------|----------------------------|
| Additional Recharge Potential in acre feet | 15,642 | 23,464 | 36,034 |

3. Range Management through brush control - Brush control can be accomplished by mechanical control, prescribed burn, combination of mechanical and burn, or chemical application. Brush control may be considered more as a conservation method than an additional recharge method. Effective brush control could potentially conserve up to 17,646 acre feet/year if the entire District were returned to 70% Grass, 12% Oak and 18% Juniper. The following table is results of the water balance on rangeland at the Texas Agriculture Experiment Station, Sonora, Texas.¹⁰

| | 100% Grass | 70% Grass 12% Oak 18% Juniper | 40% Grass 24% Oak 36% Juniper |
|---|------------|-------------------------------------|-------------------------------------|
| Rainfall (inches) | 22.6 | 22.6 | 22.6 |
| Interception Loss (inches) | 3.0 | 6.3 | 9.6 |
| Water Reaching the Soil (inches) | 19.6 | 16.3 | 13.0 |
| Runoff (inches) | 0.2 | 0.2 | 0.2 |
| Water Going into the Soil (inches) | 19.4 | 16.1 | 12.8 |
| Evapotranspiration (inches) | 15.7 | 15.8 | 12.8 |
| Deep Drainage (inches) | 3.7 | 0.3 | 0.0 |
| Moderate Stocking Rate (animal units/sec) | 34 | 22 | 11 |

¹⁰ "How to Increase or Reduction in Juniper Cover Alters Rangeland Hydrology", by Thomas L. Thurow and Justin W. Hester, Technical Report 97-1, Juniper Symposium 1997, Texas Agricultural Experiment Station, TAMU.

Projected Water Demand

(expressed in acre feet)

| Demand | River Basin | Aquifer | 2000 | 2010 |
|----------------|-------------|-----------------|-------------|-------------|
| Eldorado | Colorado | Edwards-Trinity | 465 | 484 |
| County - Other | Rio Grande | Edwards-Trinity | 31 | 30 |
| County - Other | Colorado | Edwards-Trinity | 101 | 98 |
| Mining | Colorado | Edwards-Trinity | 147 | 125 |
| Irrigation | Colorado | Edwards-Trinity | 1500 | 1471 |
| Irrigation | Rio Grande | Edwards-Trinity | 307 | 301 |
| Livestock | Colorado | Edwards-Trinity | 440 | 440 |
| Livestock | Rio Grande | Edwards-Trinity | 154 | 154 |
| Total | | | 3145 | 3103 |

*source of data - *Water for Texas, Today & Tomorrow*, Texas Water Development Board, 1997 & Region F RWPG 2001 Plan

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 may participate will be consistent with the provisions of this plan.

The District has adopted and will amend as necessary rules relating to the permitting of wells and the production of groundwater. 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 equally. Citizens may apply to the District for discretion in enforcement of the rules on grounds of adverse economic effect or unique local

character. In granting of discretion to any rule, the Board shall consider the potential for adverse effect on adjacent landowners. The exercise of said discretion by the Board, shall not be construed as limiting the power of the Board. The District will seek the cooperation in the implementation of this plan and the management of groundwater supplies within the District.

In an effort to recognize all potential contamination sources, the District will work to promote capping and plugging of abandoned water wells. The District will also coordinate efforts with the Railroad Commission in identifying abandoned oil and gas wells that pose potential threat to the integrity of the groundwater.

Methodology for Tracking Progress

The methodology that the District will use to trace it's progress on an annual basis in achieving it's 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. The annual report will be maintained on file at the District Office.

Coordination with Surface Water Entities

There are three adjudication certificates held by water users within the District. The District has no authority over surface water.

Goals

1.0 To provide for the most efficient use of groundwater.

Management Objective (1.1) The District realizes the importance of public education of groundwater usages and conservation practices. Each year, the District will publish at least two educational articles identifying conservation practices for the

efficient use of groundwater. Each year, the District will respond to invitations to speak on groundwater topics to at least one group, if requested. Each year, the District will contact all schools within the District with information of educational material available.

Performance Effectiveness Standard (1.1a) Number of articles published identifying conservation practices for the efficient use of groundwater each year.

Performance Effectiveness Standard (1.1b) Number of speaking engagements responded to on groundwater topics each year.

Performance Effectiveness Standard (1.1c) Number of contacts made to schools regarding available educational material each year.

Management Objective (1.3) According to District rules, wells within the District are required to be registered and/or permitted. As part of daily operations, the all wells will be registered with the District upon notification by well drillers or landowners. The District will permit all wells after the District personnel have determined that all well construction criteria have been met. Upon request by the Board, District personnel shall evaluate total water usage on the requested section(s) including permitted wells and exempt wells.

Performance Effectiveness Standard (1.3a) Number of wells registered annually.

Performance Effectiveness Standard (1.3b) Number of wells permitted annually.

Performance Effectiveness Standard (1.3c) Number of evaluations performed at Board request.

Management Objective (1.4) The District is included in Region F Regional Planning Group. Each year that District personnel serve on the Region F RWPG Board, any committee or office, the District will actively participate in Region F Regional Planning and attend meetings or state reason for non attendance.

Performance Effectiveness Standard (1.4a) Number of Region F Regional Planning meetings attended each year or reasons of non attendance.

Performance Effectiveness Standard (1.4b) Number of committees, offices, duties performed by District each year.

Management Objective (1.5) The District will participate in weather enhancement for the purpose of aquifer recharge, reduction in groundwater use and economic benefit. Each year, at least one articles will be published on weather modification. All flight paths, if provided by West Texas Weather Modification Association, will

be available at the District Office for public view. All rainfall data from a twenty gauge system will be recorded on a monthly basis during program schedule. An annual report of all program results will be given to the Board of Directors

Performance Effectiveness Standard (1.5a) Number of articles written on weather modification each year.

Performance Effectiveness Standard (1.5b) Number of flight paths available for public view each year.

Performance Effectiveness Standard (1.5c) Number of gauges with recorded rainfall data each month.

Performance Effectiveness Standard (1.5d) An annual report of program results to Board of Directors.

Management Objective (1.6) The District has entered into a Cooperative Management Agreement with the West Texas Groundwater Alliance. The purpose of the West Texas Groundwater Alliance is to facilitate the conservation, preservation and to provide for the most efficient use of groundwater. Each year, the District will attend West Texas Groundwater Alliance meetings or give reason for inability to attend.

Performance Effectiveness Standard (1.6a) Number of West Texas Groundwater Alliance meetings attended each year or stated reason for inability to attend.

Management Objective (1.7) A water quality baseline will be established for the District through a monitor well program of approximately sixty wells beginning September 1, 1999. At least 33% of the operating monitor wells will be tested each year or the stated reason of inability to test well. All test results will be mailed to landowners within 30 days of testing.

Performance Effectiveness Standard (1.7a) Number of monitors wells sampled each year.

Performance Effectiveness Standard (1.7b) Number of days required to mail lab results to landowner each year.

Management Objective (1.8) The District realizes the importance of monitoring the aquifer level to determine usable amount of groundwater. An established groundwater level program of selected wells will be maintained by the District. If a well cannot be measured the reason shall be stated in the water level report. The District has also entered into a Memorandum of Understanding with the Texas

Water Development Board and a cooperative effort with the West Texas Groundwater Alliance to participate in an Aquifer Recharge Study. A selected number of wells will be measured on a monthly basis for a two year period.

Performance Effectiveness Standard (1.8a) Number of water well levels obtained on an annual basis from selected monitor wells each year.

Performance Effectiveness Standard (1.8b) Number of wells measured or reason for inability to measure on a monthly basis for the Aquifer Recharge Study.

(2.0) Implement strategies to control and prevent waste of groundwater.

Management Objective (2.1) Each year, the District will identify and respond to reports of wasteful practices within five working days. Each year, at least one article will be published on wasteful practices.

Performance Effectiveness Standard (2.1a) Number of reported wasteful practices identified and responded to each year.

Performance Effectiveness Standard (2.1b) Number of articles published on wasteful practices each year.

Management Objective (2.2) As a service to water well owners within the District a field lab service for water analysis is available. Annually, at least two articles will be published advertising the availability of water analysis service performed by the District. Each year the District will continue to perform water quality analysis for residents of the District upon all requests.

Performance Effectiveness Standard (2.2a) Number of articles published advertising the availability of water analysis service performed by the District each year.

Performance Effectiveness Standard (2.2b) Number of water analysis requested and performed each year.

Management Objective(2.3): In order to prevent waste of groundwater within the District, the Board shall review annually all long term detected contaminations sites to determine status and further needed activity by the District.

Performance Effectiveness Standard (2.3a) - Annual review of contamination sites by Board

(3.0) Control and prevent subsidence.

The rigid geological framework of the region precludes significant subsidence from

occurring. This goal is not applicable to the operations of the District.

(4.0) Address conjunctive surface water management issues.

All surface water impoundments located within the District are used to supply water for livestock consumption. There are no surface water management entities with surface water storage located within the District. This management goal is not applicable to the operations of the District.

(5.0) Address natural resources that impact the use and availability of groundwater or are impacted by the use of groundwater within the District.

The District has no documented occurrences of endangered or threatened species dependent upon groundwater. Other issues related to resources - air, water, soil, etc. supplied by nature that are useful to life are likewise not documented. The natural resources of the oil and gas industry are regulated by the Railroad Commission of Texas and are exempt by Chapter 36.117(e). Therefore, this management goal is not applicable.

(6.0) Address drought conditions.

Management Objective - The District will monitor the Palmer Drought Severity Index (PDSI) by Texas Climatic Divisions on a quarterly basis. If PDSI indicates that the District will experience severe drought conditions, the District will notify all public water suppliers within the District.

Performance Effectiveness Standard - Number of times the PDSI was monitored each year and reported to Board of Directors.

Performance Effectiveness Standard - Notification of public water suppliers

(7.0) Address conservation

Management Objective - The District personnel will meet with City personnel on an annual basis to discuss water usage and conservation techniques implemented.

Performance Effectiveness Standard - Annual meeting with City personnel to discuss water usage and conservation techniques implemented.

Management Objective - The Board shall determine the need to update rules at

least every two years beginning Sept. 1, 2005.

Performance Effectiveness Standard - Board determination for update of rules.

Definitions:

- "District" - Plateau Underground Water Conservation & Supply District
- "Board" - Plateau Underground Water Conservation & Supply District Board of Directors

- "TWDB" - Texas Water Development Board
- "TAEX" - Texas Agricultural Extension Service
- "Waste" - as defined by Chapter 36 of the Texas Water Code means 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 for 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 saltwater 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 TNRCC under Chapter 26.
 - (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.
- "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 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, is presumed to be an abandoned or deteriorated well.

RECEIVED

JAN 5 - 2004

TWDB Contract Admin. Div

STATE OF TEXAS
COUNTY OF SCHLEICHER

MANAGEMENT PLAN
1998 - 2008

WHEREAS, the Plateau Underground Water Conservation & Supply District is operating under the authority under Acts of the 59th Texas Legislature in 1965.

WHEREAS, the District is required by Senate Bill 1 of 1997 to develop and adopt a management plan; and

WHEREAS, the District is required by Senate Bill 1 to submit the adopted management plan to the executive administrator of the Texas Water Development Board for review and re-certification every five years.

WHEREAS, the District Board of Directors, after review of the existing Management Plan, has determined that this plan should be amended; and

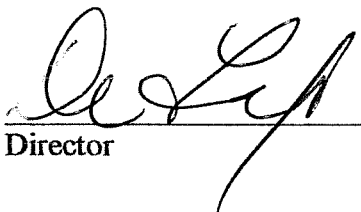
WHEREAS, the District Board of Directors has determined that the amended Management Plan address the requirements of Chapter 36.1071.

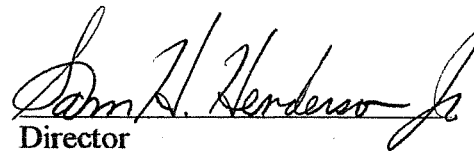
WHEREAS, following notice and hearing, the District Board of Directors reviewed and adopted the amended Management Plan at a regular meeting held on August 15, 2003 at noon, Eldorado, Tx. and the same recorded in the official minutes.

NOW THEREFORE, Plateau Underground Water Conservation & Supply District hereby adopts the amended Management Plan to replace the existing Management Plan as presented at the August 15, 2003 regular business meeting.; and

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

NOW THEREFORE WITNESSED and executed this 19th day of December, 2003.


Director


Director

12-19-03
Date

7003 1010 0000 6715 0762

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| Total Postage & Fees | \$ 580 |



Sent To Region F RWPG

Street, Apt. No.,
or PO Box No. P.O. 869

City, State, ZIP+4 Big Spring, TX 79721-0869

**Plateau Underground Water
Conservation & Supply District
P.O. Box 324
Eldorado, Texas 76936
915-853-2121**

2/13/04

**Texas Water Development Board
Attn: Rima Petrossian
P.O. Box 13231
Austin, Texas 78711-3231**

Dear Rima,

Enclosed in this packet are the following:

- 1. Notice of Hearing for Amendments to the Management Plan for Plateau UWCD and Sutton County UWCD.**
- 2. Acknowledgement that both management plans were received by CRMWD which is the political subdivision associated with Region F RWPG.**
- 3. Rules for both Districts.**

Also, there are no surface water entities within either District.

Thank you,



Cindy Cawley

WEST TEXAS CLASSIFIED AD NETWORK

CLASSIFIED

Place your non-commercial classified ad in the Eldorado Success, Devil's Ozona Stockman and the Big Lake Wildcat for one low, low price. Call to

Help Wanted — The Eldorado Success is taking applications for a full time position. Seeking responsible individual to help with all facets of weekly newspaper production. Computer skills helpful. Salary commensurate with ability and experience. Apply in person only at The Eldorado Success, 204 S.W. Main Street, Eldorado, Texas.

Employment

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WANTED-Person experience in real estate transactions, book keeping or insurance for escrow officer trainee position. Send resume to Schleicher County Abstract Company, 103 S. Main, P.O. Box 460 Eldorado, Texas 76936.32b

Corestaff Services has a long term assignment for a night shift dispatcher. (Sonora) Must be able to work a flexible schedule (7 day on, 7 days off). Duties include monitoring alarm software and dispatching staff, and answering and documenting all incoming and outgoing calls. Proficient computer skills and excellent written and verbal communication necessary. Please call (804) 649-1029 or e-mail Diana.Sondor@corestaff.com. 32b

EXPERIENCED DRIVERS WANTED

Must have current Class A CDL and a good driving record. Experience driving transports, vacuum trucks, operating pump trucks, winch truck.

PUBLIC NOTICE OF MEETING TO DISCUSS PROPOSED 2003-2004 BUDGET AND TAX RATE PLATEAU UNDERGROUND WATER CONSERVATION & SUPPLY DISTRICT

The Plateau Underground Water Conservation & Supply District will hold a meeting at noon on Friday, August 15, 2003 at Amigo's Dream, Eldorado to hold a hearing on the proposed Amended Management Plan. Immediately following the Management Plan hearing, the Board shall hold a hearing on the FY 04 Proposed Budget. Immediately following the budget hearing, the Board shall convene in a regular meeting to adopt the FY 04 budget and consider adopting a proposed tax rate for tax year 2003-2004. The proposed tax rate is \$0.0534/\$100 if value. The proposed tax rate would increase taxes in Plateau Underground Water Conservation & Supply District by 7.89%.

NOTICE TO BIDDERS

Sealed bids, addressed to the Schleicher County Commissioners' Court will be received by the County Clerk, until 10:00 a.m. August 11, 2003, when such bids will be opened in the Commissioner's Courtroom for:

1. Paving of the Eldorado Cemetery
2. Paving of 2,618 feet of Mary Street

(bid specifications to be pickup at the Clerk's Office)

The Commissioners Court has the right to accept or reject any and all bids submitted.

Peggy Williams, County & District Clerk
P.O. Drawer 580
Eldorado, Texas 76936
(325) 853-2833

 **Duke Energy**
Field Services

- ✦ ELDORADO
- ✦ SONORA
- ✦ OZONA
- ✦ BIG LAKE

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IFIED ADS

853-3125

to Success, Devil's River News,
low price. Call today for details!

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Electrical
by Deb
915-659-3901

Residential, Commercial, Phone, Data, TV
Debbie Clark
SBCCI Journeyman & Master

Manufactured Homes

Solitaire Home

New Solitaire Double-Wide, 3 Br. 2 Bath, Under \$44,000. 2" x 6" Exterior Walls 1/2" Sheet Rock, Textured Walls & Ceilings, Wood Cabinets. Enduring Quality for timeless Value. Call 657-000.30-33p

Miscellaneous

For Sale: Large round bales in the field. \$40.00 Contact John Kotsch. 325-853-2756.31-32b

14', 12' 10' or 8' WIDE STORAGE BLDGS. ASSEMBLED ON SITE. CALL FOR PRICE ASK FOR DON OR CHAD. 658-6779.

1997 Ford, F250 Powerstroke Supercab, Loaded. 96K miles, Excellent Condition. \$13,500. Call 853-2112 or see at 7 North Divide.32p

27' ABOVE GROUND POOL WITH FILTER, PUMPS & ALL

GARAGE SALES, YARD SALES & BAKE SALES

ELDORADO-RUMMAGE SALE benefiting the **ELDORADO SCOUT BUILDING FUND**-Friday, August 15, 8a.m.-12 noon, Saturday, August 16, 8 am-12 noon. Sales held at the Scout building (old Episcopal Church, by golf course.) 32p

BlueRecliner, Maple Double Bed, Double Mattress & Box Springs, Mahogany dining table, 3 piece livingroom set, 5 couches, dining tables, 5 antique oak high back chairs, lots more. Great selection Plus Sizes and back to school clothing. **CONSIGNORS MUST CALL AHEAD BEFORE BRINGING IN CLOTHING AND/OR FURNITURE all must be in good condition.** Second Hand Rose, Eldorado 853-3736.

Part-Time Position of District Manager/Technician

The Eldorado-Divide Soil & Water Conservation District is looking for a person to fill the part-time position of District Manager/Technician. Position requires some knowledge in Book-keeping, computer skills, and working with people. Apply at the USDA Service Center-510 S. Divide Street in Eldorado. 853-3535. The District prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. Resume required. Position closes August 22, 2003. 32b

Real Estate For Sale or Rent

ELDORADO- For Sale: Commercial Property/nice building, great location. Call 325-853-2261 or 325-650-0506. 31-32B

ELDORADO- HOUSE FOR RENT-306 Larado Street-3 Bedroom, 1 Bath. Fenced yard, refrigerator and stove, washer hookup. 1-830-896-4295.32-35p

ELDORADO- For Sale- 3 bdrm, 2 bath home on 10 acres - fenced landscaped yard, carport, barn, pens, storage buildings, pecan and fruit tree orchard w/ sprinkler system, cleared field, stock tank and water well. Call 325-853-1400.32-35P

ELDORADO-For Sale-Nice, Modern Home. Two bedroom, two baths, large walk-in closet in master bedroom. Corner white brick fireplace in

WEST TEXAS CLASSIFIED AD NETWORK

CLASSIFIED

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 **Duke Energy**
Field Services

**Regional Water Planning Area Project Manager Review of
Groundwater Conservation District Management Plan for
Conflicts With a TWDB Approved Regional Water Plan**

| <p align="center">Review of the Groundwater Conservation District Management Plan for Conflict With TWDB Approved Regional Water Plan(s)</p> | <p align="center">Yes</p> | <p align="center">No</p> |
|---|--|--|
| <p>13(a). Did the District provide a letter by certified mail, return receipt requested to all Regional Water Planning Groups formed under authority of TWC §16.053 (c) in which any part of the District is located, asking the Regional Water Planning Group to review the groundwater management plan and specify any areas of conflict with the Texas Water Development Board approved regional water plan? 31TAC §356.6 (a)(5)</p> | <p><i>ommission connected Letter Submitted 2.24.04</i></p> | <p><i>no letter provided - sent Per certified mail</i></p> |
| <p>13(b). Did any Regional Water Planning Group formed under authority of TWC §16.053 (c) indicate any potential conflict between the groundwater conservation district management plan and a Texas Water Development Board approved regional water plan? 31TAC §356.6 (a)(5)</p> | <p><i>ommission connected Letter Submitted 2.24.04</i></p> | <p><i>No letter -</i></p> |
| <p>13(c). Did reviewer identify any potential conflicts between the management plan and the Texas Water Development Board approved regional water plan? TWC §36.1071 (e)(4), 31TAC §356.6 (a)(5) [If answering Yes, please provide a written explanation]</p> | | <p><i>NO</i></p> |
| <p>Signify an affirmative response with YES Signify a negative response with NO Signify that a checklist item is not applicable with (N/A)</p> | | |

**AFFIRMATION OF COMPLETION OF THE GROUNDWATER CONSERVATION DISTRICT
MANAGEMENT PLAN REVIEW PROCESS BY TEXAS WATER DEVELOPMENT BOARD**

The undersigned does affirm and attest that the management plan submitted by:

Plateau Underground Water Conservation and Supply District

has been reviewed and the contents of which have been found to fulfill the requirements of TWC §36.1071 (e)(4) and 31TAC Ch. 356.6 (a)5, as defined by the TWDB groundwater management plan review checklist.

Sherry Cordry

F

(Please Print Project Manager's Name)

, Project Manager for Region _____

(Project Manager's Signature)

Sherry Cordry

Date

2/03/04

**Groundwater Management Plan
Plateau Underground Water Conservation and Supply District**

Purpose:

To determine potential conflict of district's plan with the Regional Water Plan (RWP)

Method:

| | |
|--|-----------------------|
| Groundwater Availability Identified in the RWP (year 2000) | = 34,653 acre-feet |
| Total Usable Amount of Groundwater Identified in the District Plan | = 5,590,841 acre-feet |

Conclusion:

Since the total usable amount of groundwater in the district's plan is more than in the RWP, a conflict with the RWP does not exist.

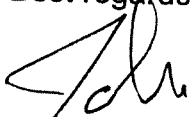
December 30, 2003

Mrs. Cindy Cawley
Plateau UWCS&D & Sutton Co. UWCD
P.O. Box 324
Eldorado, TX 76936

Dear Cindy,

We have received the latest management plans for the Plateau UWCS&D and Sutton County UWCD and will forward them to the Region F Regional Water Planning Group.

Best regards,



John W. Grant
General Manager