

Anderson County Underground Water Conservation District
P. O. Box 179 • Montalba, Texas 75853

October 10, 1999

Tom Burr, General Manager
Angelina and Neches River Authority
P. O. Box 387
210 Lufkin Avenue
Lufkin, TX 75901

Dear Mr. Burr:

Enclosed for your review please find a copy of the Anderson County Underground Water Conservation District Water Management Plan and our Resolution officially adopting the plan.

It would also be helpful to us if you could give us suggestions for preparing a form for our *Permits for New Wells*. Perhaps you could advise us what to include in each permit. If you have some permits we could review which would assist us in preparing our own form, we would appreciate looking at these.

Please call us for a time we can meet to discuss available literature on water conservation, controlling and preventing waste of groundwater (1) to assist us in preparing news releases, and (2) which we could use as handouts at community gatherings.

We look forward to working with you.

Sincerely,

Anderson County Underground Water Conservation District


Oren Williams
Chairperson

✓cc. Mike Smith, Texas Water Development Board
FAX 512/463-9893

Anderson County Underground Water Conservation District
P. O. Box 179 • Montalba, Texas 75853

October 10, 1999

Mike Smith, Water Conservation Planning Division
Texas Water Development Board
P. O. Box 13231
1700 North Congress Avenue
Austin, Texas 78711-3231

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RECEIVED

OCT 15 1999

ROUTE TO: _____

CC TO: BM, MS

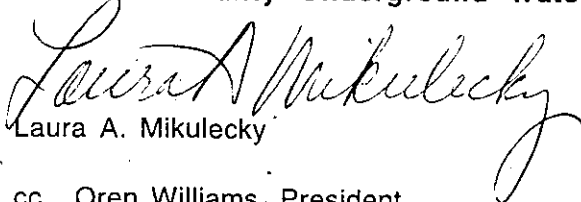
Dear Mike:

Enclosed for your review please find a copy of the Anderson County Underground Water Conservation District Water Management Plan and our Resolution officially adopting the plan.

Mike, I wanted to thank you again for all your help in assisting us to get this plan into writing. We could not have done it without you.

Sincerely,

Anderson County Underground Water Conservation District


Laura A. Mikulecky

cc. Oren Williams, President

RESOLUTION
of the
Anderson County Underground Water Conservation District

WHEREAS on this 5th day of October, 1999, we, the Board of Directors, met and adopted the Anderson County Underground Water Conservation District Water Management Plan.

Virginia McBride
Secretary

PRESENT X	Officers:
✓	Oren Williams, President
✓	A. B. Calcote, Jr., Vice-President
✓	Virginia McBride, Secretary-Treasurer
	Directors:
✓	K-Lu Cowan
	Frank Fulgham
✓	Verna Ray Humphrey
✓	M. C. Mims
	A. L. (Buck) Pike
✓	Richard Webb

ANDERSON COUNTY UNDERGROUND WATER CONSERVATION DISTRICT

WATER MANAGEMENT PLAN

1999 - 2009

INTRODUCTION: This water management plan is being written to fulfill the requirements of Senate Bill 1 and 31 TAC Section 356. This water management plan will not supersede any of the by-laws of Anderson County Underground Water Conservation District. Our source of technical and numerical reference data is from Water for Texas TWDB 1997. A copy of SB 1518, District enabling legislation, is attached to this plan and is an integral part of this management plan.

DISTRICT MISSION: The Anderson County Underground Water Conservation District strives to protect the useable quality water by conservation and preservation practices within the District as follows:

(1) The District may prohibit the pumping or use of groundwater if the District determines that the pumping would present an unreasonable risk of pollution.

(2) The District may limit the pumping of groundwater to uses determined by the Board to benefit the District.

(3) The District may require persons holding a permit for an injection well to purchase water from the District.

(4) The District may adopt regulations for the disposal of salt dome leachate in the District or may require disposal of salt dome leachate outside the District.

TIME PERIOD OF THIS PLAN: This plan becomes effective upon certification by the Texas Water Development Board and approval of the District Board of Directors and remains in effect until September 1, 2009, or a period of ten years, whichever is later. The plan may be revised at any time, or after five years when the plan will be reviewed to insure that it is consistent with the applicable Regional Water Plans and the State Water Plan.

STATEMENT OF GUIDING PRINCIPLES: The Anderson County Underground Water Conservation District recognizes that the groundwater resources of the region are of vital importance to the continued vitality of the citizens, economy and environment within the District. The

preservation of the groundwater resources can be managed in the most prudent and cost-effective manner through the regulation of production as effected by the District's well permitting. This management plan is intended as a tool to focus the thoughts and actions of those individuals charged with the responsibility for the execution of District activities.

GENERAL DESCRIPTION: The Anderson County Underground Water Conservation District was created on 15 May 1987, by authority of SB No. 1518, under the terms and provisions of Article XVI, Section 59, of the Constitution of Texas.

The Current Board of Directors are: Oren Williams, Chairperson; A. B. Calcote, Jr., Vice-Chairperson; Virginia McBride, Secretary-Treasurer; and Directors K-Lu Cowan, Frank Fulgham, Verna Ray Humphrey, M. C. Mims, A. L. (Buck) Pike, and Richard Webb.

Boundaries. The District shall include all of the area contained within the following described area:

BEGINNING at the intersection of the center line of U. S. Highway No. 287 with the center line of State Highway No. 19.

THENCE in a Northwesterly direction following the center line of U. S. Highway No. 287 to the intersection of the center line of F. M. Road No. 321.

THENCE in a Northeasterly direction following the center line of F. M. Road No. 321 to the intersection of the center line of State Highway No. 19.

THENCE in an Easterly direction continuing with the center line of F. M. Road No. 321 to the intersection of the center line of F. M. Road 315.

THENCE in a Southerly direction following the center line of F. M. Road No. 315 to the intersection of the North line of the Taylor S. Barnes Survey, A-6, and the South line of the Peter Hinds Survey, A-368.

THENCE in a Westerly direction with the South line of the Peter Hinds Survey, A-368, the North line of the Taylor S. Barnes Survey, A-6, to the Southwest corner of the Peter Hinds Survey, A-368, and the Northwest corner of the Taylor S. Barnes Survey, A-6, in the East line of the William Kimbro Survey, A-34.

THENCE in a Southerly direction with the East line of the William Kimbro Survey, A-34, and the West line of the Taylor S. Barnes Survey, A-6, to the Southeast corner of the North half of the William Kimbro Survey, A-34, as partitioned in Volume E, page 525 of the Deed Records of Anderson County, Texas.

THENCE in a Westerly direction with the division line of the William Kimbro Survey, A-34, to the Southwest corner of said North half in the West line of the William Kimbro Survey, A-34, and the East line of the George Hanks Survey, A-369.

THENCE in a Southerly direction with the East line of the George Hanks Survey, A-369, and the West line of the William Kimbro Survey, A-34, to the center line of State Highway No. 19.

THENCE in a Southeasterly direction following the center line of State Highway No. 19 to the place of beginning.

GROUNDWATER RESOURCES: The Anderson County Underground Water Conservation District lies in several aquifers, with the Carrizo-Wilcox Aquifer being the primary source of ground water of interest in our area. Water from this aquifer is used for irrigation, public water supply, industrial, stock, and domestic needs of the people and entities served.

Other aquifers include, but are not limited to, Queen City and Sparta.

GROUNDWATER USE:

(1) Estimate of existing total useable amount of groundwater in the District is 3,436 ac/ft.

(2) Estimate of the amount of groundwater being used within the District on an annual basis:

1991	508 ac/ft.
1992	575 ac/ft.
1993	683 ac/ft.
1994	618 ac/ft.
1995	676 ac/ft.
1996	781 ac/ft.

(3) Estimate of the annual amount of recharge to the groundwater resources within the District is 4,245 ac/ft.

(4) Estimate of annual amount of additional natural or artificial recharge: At present no feasible methods exist for increasing the natural or artificial recharge in the District.

(5) Estimate of the projected water supply within the district included:-----

2000	4,578 ac/ft.
2010	4,578 ac/ft.
2020	4,578 ac/ft.
2030	4,578 ac/ft.
2040	4,578 ac/ft.
2050	4,578 ac/ft.

(6) Estimate of the projected water demand within the district included:

2000	483 ac/ft.
2010	476 ac/ft.
2020	469 ac/ft.
2030	466 ac/ft.
2040	457 ac/ft.
2050	456 ac/ft.

MANAGEMENT OF GROUNDWATER SUPPLIES: The District will manage the supply of groundwater within the District in order to conserve its resources while seeking to maintain the economic viability of the District. In consideration of the economic and cultural activities occurring within the District, the District will identify and engage in such practices, that if implemented would result in more efficient use of groundwater. The District will work cooperatively with investigations of the groundwater resources within the District and will make the results of investigations available to the public upon adoption by the Board. The District will employ all technical resources at its disposal to evaluate the groundwater resources within the District and to determine the effectiveness of conservation measures.

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 provision of this plan.

The District will adopt and 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 with equality. 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 rules, 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 cooperation in the implementation of this plan and the management of groundwater supplies within the District. All activities of the District will be undertaken in cooperation and coordination with the appropriate state, regional or local water management entity.

TRACKING METHODOLOGY: The District Chairperson will prepare and present an annual report to the District Board of Directors on District performance to insure that management goals and objectives are being achieved. The annual report will be maintained on file at the District office for public inspection.

GOALS, MANAGEMENT OBJECTIVES, AND PERFORMANCE STANDARDS:

GOAL #1 Providing The Most Efficient Use of Groundwater.

Management Objectives:

(A) Each year, the District will provide all available educational material identifying conservation measures for the efficient use of water. Handout packets with all available conservation literature will be provided at the annual Community Fall Fest, or other community functions.

(B) Each year the District will provide at least one informative speaker to local school districts and/or civic organizations to raise public awareness to ensure wise use of ground water.

Performance Standards:

(A) Number of conservation literature packets provided annually.

(B) Number of informative speaking appearances to promote wise water usage provided annually.

GOAL #2 Controlling and Preventing the Waste of Groundwater.

Management Objectives : The District will annually inform District water users on the control and prevention of waste of ground water with a published article in the local newspaper.

Performance Standards : Number of articles published in local newspaper annually on control and prevention of waste of ground water.

GOAL #3 Management Goal for Controlling and Preventing Subsidence is not applicable to the operations of the District.

GOAL #4 Addressing Conjunctive Surface Water Management Issues.

Management Objectives :

(A) Annually meet, at least once, with leaders of the Angelina and Neches River Authority to discuss and review all potential uses of surface water resources in the area.

(B) District will consult with other water districts and other informed water conservationists on water issues throughout the year to learn all efficient ways to manage surface water.

Performance Standards :

(A) Number of meetings with Angelina and Neches River Authority annually.

(B) Number of consultations with other districts and water conservationists annually.

GOAL #5 Addressing Natural Resource Issues that Impact the Use and Availability of Groundwater and which are Impacted by the Use of Groundwater.

Management Objectives :

(A) Annually the District will require permits for all new wells for the use of groundwater based on the benefits to the District, the risk of pollution, and restrictions on injection wells.

(B) Annually the District will actively monitor and prohibit all requests from organizations desiring to use the area salt domes for the storage and/or disposal of toxic substances.

Performance Standards :

(A) The number of permits issued annually for new well applications.

(B) The number of requests District Board of Directors monitored from organizations desiring to use the District's salt domes for the storage and/or disposal of toxic substances.

**ANDERSON COUNTY UNDERGROUND WATER CONSERVATION DISTRICT
AGENDA FOR WATER MANAGEMENT PLAN MEETING**

Place: Jane's Beauty Shop, Highway 19, Montalba, Texas.

Date: October 5, 1999

Time: 7:00 PM

- (1) Election of new Directors and Officers.
- (2) Discuss management plan and take action to approve plan.
- (3) Schedule tentative dates in charts below to meet management objective for each Goal. Recommendation: Do Goal #4 first and consult with other authorities to obtain information and/or handouts for Goals # 1 and #2.
- (4) Secretary to track Goals every quarter to check for compliance.
- (5) District Chairperson [President] to prepare annual report to insure that management goals and objectives are being achieved.

GOAL #1: Providing the Most Efficient Use of Groundwater.

GOAL 1 Objectives	TIME BASE	NUM BER	GROUP ADD	PLACES	DATES	1	2	3	4
(A) Provide available educational material identifying conservation measures for the efficient use of water. (Handout conservation literature packets.)	Annually	At least once	Community	•Fall Fest •Community Functions					
(B) Provide speakers to raise public awareness to ensure wise use of ground water.	Annually	At least once	Community	•Local School District •Civic Organizations					

GOAL #2 Controlling and Preventing the Waste of Groundwater.

GOAL 2 Objectives	TIME BASE	NUM BER	GROUP ADD	PLACES	DATES	1	2	3	4
(A) Inform District water users on the control and prevention of waste of ground water with published article in local newspaper.	Annually	At least once	Community						

GOAL #3 Management Goal for Controlling and Preventing Subsidence is not applicable to the operations of the District.

GOAL #4 Addressing Conjunctive Surface Water Management Issues.

GOAL 4 Objectives	TIME BASE	NUM BER	GROUP ADD	PLACES	DATES	1	2	3	4
(A) Meet with leaders of the Neches River Authority to <u>discuss and review all potential uses of surface water resources in the area.</u>	Annually	At least once	Neches River Authority						
(B) <u>Consult with other water districts and other informed water conservationists on water issues.</u>	Through-out the year	At least once	Other: •Water Districts •Informed water conservationists						

GOAL #5 Addressing Natural Resource Issues that Impact the Use and Availability of Groundwater and which are Impacted by the Use of Groundwater.

GOAL 5 Objectives	TIME BASE	NUM BER	GROUP ADD	PLACES	DATES	1	2	3	4
(A) <u>Require permits for all new wells for the use of groundwater based on the benefits to the District, the risk of pollution, and restrictions on injection wells.</u>	Through-out the year	List occurrences							
(B) <u>Actively monitor and prohibit all requests from organizations desiring to use the area salt domes for the storage and/or disposal of toxic substances.</u>	Through-out the year	List occurrences							