Sandy Land Underground Water Conservation District

Groundwater Management Plan

Adopted 1998
Amended 2003
District Mission
The Sandy Land Underground Water Conservation District will provide technical assistance and develop, promote and implement management strategies to provide for the conservation, preservation, protection, recharging and prevention of waste of the groundwater reservoir, thereby extending the quantity and quality of the Ogallala aquifer in Yoakum County.

Time Period of This Plan
This plan will become effective upon adoption by the Sandy Land Underground Water Conservation District Board of Directors and certification as administratively complete by the Texas Water Development Board. The plan will remain in effect through September, 2008 or until a revised plan is adopted and certified.

Statement of Guiding Principles
The Sandy Land Underground Water Conservation District recognized 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 and well spacing rules. 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 Sandy Land Underground Water Conservation District (The District) was created in November, 1989 by authority of SB 1777 of the 71st Texas Legislature. The District has the same areal extent as Yoakum County, Texas and contains 510,540 upland acres. The District is bounded on the west by the State of New Mexico and by Cochran, Terry and Gaines Counties on the north, east and south, respectively. (Figure 1)

The economy of Yoakum County is primarily driven by two different industries, oil production and agriculture. The dominant crops produced in the District are irrigated cotton and peanuts.
Groundwater Resources
The Ogallala aquifer is the primary source of water for Yoakum County. (Figure 2) The Ogallala aquifer yields water from interfingered sands, gravels and silts of the Ogallala Formation which is of Pliocene age. These sediments represent deposits eroded from the ancestral Rocky Mountains to the west. Within the District, groundwater in the Ogallala aquifer is under water table or unconfined conditions. In this portion of the Southern High Plains, the Ogallala Formation is predominantly covered by dune sands of Quaternary age. Underlying the Ogallala aquifer are sandstones and limestones of the Edwards-Trinity aquifer. These sediments were deposited during Cretaceous time upon an eroded surface and were in turn eroded before being covered by deposition of Ogallala Formation. The result is that the Edwards-Trinity aquifer within the District is highly variable in thickness and depth of occurrence and represents a minor source of groundwater in the District.

The Llano Estacado Regional Water Plan estimates that in 2000, the total usable amount of groundwater in the District was 4,756,990 acre-feet. The projected irrigation demand for Yoakum County in 2010 is 120,979 acre-feet, down from 122,409 acre-feet in 2000. Texas Water Development Board Report 288 estimates that annual recharge within the District is approximately 33,070 acre-feet. Natural recharge in the District is mostly through direct infiltration of precipitation into the coarse wind-blown sandy and silty surficial sediments. This is different from the more northern portions of the Southern High Plains where natural recharge is focused through the floors of the thousands of playas.

In order to increase the amount of recharge, which occurs within the District each year, the District has been a part of a regional weather modification program since 1997 to increase the amount of annual precipitation. In the fall of 2001, Sandy Land Underground Water Conservation District withdrew from that regional program and created a weather modification program with two other counties: Terry and Gaines. Although it is difficult to calculate the direct impact of activities such as this on recharge to the aquifer, the benefits of even a slight increase in precipitation can be two-fold. First, with any increase in precipitation during the growing season, one can reasonably expect a corresponding decrease in pumping or mining of the aquifer. Second, due to the coarse nature of surficial sediments in the District, the infiltration of precipitation below the effective zone of evapotranspiration may be significant. One final activity that, while not technically meeting the definition of natural or enhanced recharge, which may significantly impact the overall supply of groundwater in the District is that of circulating irrigation water. Clearly not all irrigation water applied in the District is lost to evapotranspiration, rather some as yet unquantified volume of groundwater produced actually infiltrates back to the Ogallala aquifer and is thus available for pumping again.
Groundwater Conservation Districts in Texas

Groundwater Management Plan

Figure 1
The Ogallala Aquifer

Figure 2
Initial estimates by outside analysis indicate an increase of .12 inches of rainfall per seeded cloud. Clouds available for seeding are highly variable from year to year, but based on years 2002 and 2003, which were extremely dry with below average rainfall, an increase of .30 inch attributed to precipitation enhancement over the county equates to 14,400 acre feet of water on the ground.

**Groundwater Use**
The amount of groundwater being used within the District on an annual basis has varied from a low of 126,862 acre-feet to a high of 155,560 acre-feet, over the last five years of available record. These figures were derived from “Region O” Water Plan and computations from water district data.

**Projected Water Supplies of the District**
The water supply estimates in this plan have been extracted from the Llano Estacado Regional Water Plan and will be used until alternatives may be generated. The total water supplies within the District are projected to be:

<table>
<thead>
<tr>
<th>Year</th>
<th>Groundwater Supply</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>144,592 acre-feet</td>
</tr>
<tr>
<td>2010</td>
<td>140,288 acre-feet</td>
</tr>
<tr>
<td>2020</td>
<td>136,332 acre-feet</td>
</tr>
</tbody>
</table>

**Projected Water Demand Within the District**
The water demand estimates in this plan have been extracted from the Llano Estacado Regional Water Plan and will be used until alternatives may be generated. With normal rainfall and the advent of expected conservation measures, total water demands within the District are projected to be:

<table>
<thead>
<tr>
<th>Year</th>
<th>Groundwater Demand</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>138,832 acre-feet</td>
</tr>
<tr>
<td>2010</td>
<td>131,593 acre-feet</td>
</tr>
<tr>
<td>2020</td>
<td>124,821 acre-feet</td>
</tr>
</tbody>
</table>

**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 identify and engage in such activities and practices that, if implemented, would result in a reduction of groundwater use. A monitor well observation network shall be established and

Sandy Land UWCD

Groundwater Management Plan
maintained in order to evaluate changing conditions of groundwater supplies (water in storage) within the District. The District will make a regular assessment of water supply and groundwater storage conditions and will report those conditions to the Board and to the public. The District will undertake, as necessary, and cooperate 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 adopt rules to regulate groundwater withdrawals by means of well 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 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 will include:

  1) The purpose of the rules of the District
  2) The equitable distribution of the resource
  3) The economic hardship resulting from grant or denial of a permit or the terms prescribed by the permit.

In pursuit of the District’s mission of protecting the resource, the District may require reduction of groundwater withdrawals to amounts that will not cause harm to the aquifer. To achieve this purpose, the District may, at the Board’s discretion, amend or revoke any permits after notice and hearing. The determination to seek the amendment or revocation of a permit by the District will be based on aquifer conditions observed by the District. 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 Texas Water Code (TWC) §36.102.

The District will employ all technical resources at its disposal to evaluate the resources available within the District and to determine the effectiveness of regulatory or conservation measures. A public or private user may appeal to the Board for discretion in enforcement of the provisions of the water supply deficit contingency plan on grounds of adverse economic hardship or unique local conditions. The exercise of said discretion by the Board shall not be construed as limiting the power of the Board.

**Drought Contingency Plan**

There essentially can be no drought contingency plan for Sandy Land Underground Water Conservation District (Yoakum County) because under any standards drought is a constant. Rainfall averages for the year may seem somewhat adequate, but the need, during the growing season, is only a fraction
of the total yearly rainfall. Irrigation wells cannot be turned off, or the amount of water pumped by them reduced, because of the crops that are growing.

What we have seen in many cases are half circles being irrigated instead of full circles. Those that pump the most, agricultural users, have been educated by the aquifer itself and the regulation it bestows on all users.

It is our belief that we will not make anymore groundwater, we have no surface water available to those located in Yoakum County and therefore our reliance on rainfall becomes even greater in the years ahead. Our most significant drought contingency plan is focused on increased rainfall through weather modification.

**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 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 adhere 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 conditions. 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. All activities of the District will be undertaken in cooperation and coordinated with the appropriate state, regional or local water management entity.

**Methodology for Tracking the District's Progress in Achieving Management Goals**

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 presentation of the report will occur during the last monthly Board meeting each fiscal year, beginning September 1, 1999. The report will include the number of instances in which each of the activities specified in the
District's management objectives was engaged in during the fiscal year. Each activity will be referenced to the estimated expenditure of staff time and budget in accomplishment of the activity. The notations of activity frequency, staff time and budget will be referenced to the appropriate performance standard for each management objective describing the activity, so that the effectiveness and efficiency of the Districts operations may evaluated. The Board will maintain the report on file, for public inspection at the District's offices upon adoption. This methodology will apply to all management goals contained within this plan.

The District will actively enforce all rules and regulations necessary for conserving, preserving, protecting, recharging, and prevention of waste of water from the Ogallala aquifer in Yoakum County. To accomplish this goal, the District will continue to develop and enforce rules and regulations, and modify as necessary, to carry out the duties as provided by Chapter 36 of the Texas Water code to effectively manage the Ogallala aquifer.

Goals, Management Objectives, and Performance Standards

Goal

1.0 Provide for the most efficient use of groundwater within the District.

Management Objective
(a) Annually, conduct irrigation well efficiency tests for all requests within 10 days of the property owner request.

Performance Standard
(a1) Percentage of wells tested annually within 10 days of request.

(b) There are currently 90 water wells in the District’s water level monitoring network. The objective is to annually measure water levels in 80 percent of the District’s monitor well network.

Performance Standard
(b1) Percentage of monitor wells in monitor well network in which water levels were measured.

(c) By January 1 of each year, prepare a map for the Internal Revenue Service documenting changes in water table elevations (the District Depletion Map) in the Ogallala aquifer within the District.

Performance Standard
(c1) A map submitted to the Internal Revenue Service by January 1 of each year.
Goal

2.0 Control and prevent waste of groundwater within the District.

Management Objective
(a) Each year, the District will sample the water quality in selected wells in order to monitor water quality trends and prevent the waste of groundwater by contamination. The District will also sample for water quality analysis, all other wells, which the owner requests to be sampled each year.

Performance Standard
(a1) Number of wells sampled for water quality analysis by the District to monitor water quality trends, each year.

Performance Standard
(a2) Percent of wells sampled for water quality analysis by the District upon request, each year.

Management Objective
(b) Each year, the District will enforce District spacing and production limitation rules requiring the permitting of all new wells to prevent the waste of groundwater. The District will issue temporary permits for all application requests that meet the District's rigorous rules for spacing within 30 days of the receipt of the application.

Performance Standard
(b1) Number of temporary permits issued by the District for new wells in compliance with spacing and production limits, each year.

(b2) Percent of temporary permits issued within 30 days of receipt of application.

Management Objective
(c) Each year, the District will participate in the TWDB Agricultural Conservation Loan program as a lender district and make loans available to all qualified applicants for the purchase of water conserving irrigation apparatus, up to the maximum amount of the loan commitment made to the District by TWDB.

Performance Standard
(c1) Number of Agricultural Conservation loan applications received by the District from qualified applicants, each year.

(c2) Number of Agricultural Conservation loans made by the District to qualified applicants, each year.
Management Objective
(d) Each year, the District will award scholarships to at least four (4) high school students graduating from a high school within the District to facilitate study of water conservation topics.

Performance Standard
(d1) Number of scholarships awarded to students graduating high school within the District to facilitate study of water conservation topics, each year.

Management Objective
(e) Each year, the District will make available a water conservation video to each elementary level school within the District.

Performance Standard
(e1) Number of water conservation videos made available to elementary level schools within the District, each year.

Management Objective
(f) The District newsletter will include articles on the district’s activities and water conservation to encourage a reduction of water use. This information may be made available by direct mail, website or local newspaper.

Performance Standard
(f1) Number of articles on water conservation presented by the District each year.

Goals identified in Chapter 36, Texas Water Code, not applicable to the District
The following goals referenced in Chapter 36, Texas Water Code, have been determined not applicable to the District.

§36.1071(a)(3) The goal of controlling and preventing subsidence is not applicable to the District.

§36.1071(a)(4) The goal for addressing conjunctive surface water management issues is not applicable to the District, due to the absence of any surface water features.

§36.1071(a)(5) The goal for addressing natural resource issues that impact the use and availability of groundwater or are impacted by the use of groundwater within the District is not applicable.
December 15, 2003

Gary L. Walker
Manager
Sandy Land Underground Water Conservation District
PO Box 130
Plains, TX 79355-0130

Dear Mr. Walker:

This is to certify that the Llano Estacado Regional Water Planning Group reviewed and discussed the Sandy Land Underground Water Conservation District’s management plan at its November 20, 2003 meeting.

Item eight of the enclosed November 20, 2003 LERPWG agenda is the review of water conservation district management plans. The enclosed draft meeting minutes state that you provided a copy of the Sandy Land Underground Water Conservation District’s management plan to the group for review.

A copy of the plan is on file at the High Plains Underground Water Conservation District No. 1 office.

We hope that this letter/documentation will meet the notification requirements of the Texas Water Development Board.

Sincerely,

H. P. “Bo” Brown Jr.
Chairman

HPB/cem
MEETING NOTICE

A meeting of the Llano Estacado Regional Water Planning Group (LERWPG) will be held Thursday, November 20, 2003 at 10:00 a.m. in the A. Wayne Wyatt Board Room at the High Plains Underground Water Conservation District No. 1 office, 2930 Avenue Q, Lubbock, Texas 79411-2499.

REVISED AGENDA

1. Call to Order and Welcome by Chairman H.P. Brown Jr.
2. Roll Call of members to establish quorum.

ACTION ITEMS:

3. The LERWPG will consider approval of the July 23, 2003 regular LERWPG meeting minutes.
4. The LERWPG will consider approval of the Treasurer's Report.
5. The LERWPG will consider written requests for reappointment to the planning group by members whose terms expire January 5, 2004.
6. The LERWPG will consider other written requests for appointment to the planning group.
   a. Replacement for Dr. John Abernathy representing agriculture.
   b. Replacement for Henry Rieff representing water utilities.
   c. Replacement for S. M. True Jr. representing agriculture.
   d. Replacement for Dr. Lloyd Urban representing the public.
7. The Chair shall hear a report from the nominating committee regarding 2004 LERPWG officers.
8. The LERWPG will review the following water conservation district management plans:
   a. Garza County Underground & Fresh Water Conservation District.
   b. Mesa Underground Water Conservation District
   c. Sandy Land Underground Water Conservation District.
   d. South Plains Underground Water Conservation District.

COMMITTEE REPORTS AND OTHER INFORMATION

9. Report on Senate Bill 1094 water conservation implementation task force.
10. Report on TWDB agricultural water conservation program as amended by Senate Bill 1053, 78th regular Texas Legislative Session.
12. Discussion regarding TWDB stream flow analysis for use in the 2007 regional water planning effort.

--See Reverse Side--
COMMITTEE REPORTS AND OTHER INFORMATION (Continued)

14. Discussion regarding a public hearing to amend the 2001 Llano Estacado Regional Water Management Plan to include a water management strategy to supply water from Lake Alan Henry to the Lake Alan Henry Water District created during the 78th Regular Texas Legislative Session.

   a. Population and Water Demand Projections approved by TWDB
   (Copies provided to LERWPG on Oct. 10, 2003)
   (Request TWDB to perform GAM Runs to calculate groundwater availability for Region O).
   b. Work Tasks to Calculate Water Needs (shortages) of WUGs, and Public Process to Identify Potential Water Management Strategies To Be Evaluated.
   c. Discussion and Appropriate Action on Water Quality Parameters.
   d. Consideration of Water Policy Topics for 2007 State Water Plan.
   e. Report on Consultant’s Work Status and Schedule.

16. Report by LERWPG Project Manager Temple McKinnon with the TWDB.

17. Other business
   a. Public Comment

18. Adjourn

PUBLIC NOTICE

This notice complies with Texas Government Code Chapter 551, Open Meetings Act, Section 551.041 (Notice of Meeting Requirements); Section 551.043 (Time and Accessibility of Notice Requirements); and Section 551.053 (Notice Requirements of a Political Subdivision Extending Into Four or More Counties). The notice has been filed at least 72 hours before the scheduled time of the meeting with the Office of the Texas Secretary of State, the Lubbock County Clerk’s Office, and has been posted at the administrative office of the High Plains Underground Water Conservation District No. 1, 2930 Avenue Q, Lubbock, TX 79411-2499. This agenda and notice have also been posted on the Llano Estacado Regional Water Planning Group’s web site at http://www.llanoplan.org

This notice posted at 10:22 a.m. on Wednesday, December 10, 2003.

H. P. Brown Jr.
Chairman
Possible replacements suggested for Mr. Rieff are Mr. Greg Ingham, new city manager of Plainview, and Mr. Tommy O'Brien, manager of the White River Water District. Mr. Carthel and Mr. Satterwhite said they would contact Mr. Ingham.

7. NOMINATING COMMITTEE REGARDING 2004 LERWPG OFFICERS.

A nominating committee, consisting of Chairman Robert Josserand, Delaine Baucum, and S. M. True Jr., presented a slate of officers for fiscal year 2004. It is their recommendation that H.P. Brown Jr. continue as chairman, Ches Carthel continue as vice-chairman, and Jim Conkwright continue as secretary-treasurer. In accordance with the regional water planning group by-laws, election of officers will take place at the first regular meeting of calendar year 2004. Any additional nominations from the floor will be received at this first regular meeting as well.

8. REVIEW OF WATER CONSERVATION DISTRICT MANAGEMENT PLANS.

Chairman Brown noted that he has received management plans from the following water conservation districts: Garza County Underground and Fresh Water Conservation District, Mesa Underground Water Conservation District, Sandy Land Underground Water Conservation District, and South Plains Underground Water Conservation District.

He then asked the district managers to discuss the changes made to their respective plans.

Garza County Underground and Fresh Water Conservation District: No representative was present at today's meeting.

Mesa Underground Water Conservation District: Mr. Everheart distributed a handout that provides an overview of his district's management plan. He cited some differences between Mesa Underground Water District's water demand figures and those in the 2001 Llano Estacado Regional Water Plan. In addition, it appears that there is some discrepancies in the initial TWDB data and the resulting GAM model. Also, use of meters within Mesa Water District is showing historical recharge is greater than previously believed.

Sandy Land Underground Water Conservation District – A copy of their management plan was provided to the LERWPG at this time. Mr. Walker said he included most of the regional water data in their plan. While there is some difference between these data and what is perceived to be happening in Yoakum County, Mr. Walker says his district can make changes later to the management plan, if needed. He stated that the only modifications to the 1998 plan pertained to their weather modification and public information programs.

South Plains Underground Water Conservation District – The Texas Water Development Board certified their management plan as administratively complete on November 7, 2003. Mr. Coleman noted that underground water conservation districts must now address drought contingency and conservation in their respective plans. His district has public information materials in their office to address conservation and they maintain a rain gauge network to address drought contingency.
Chairman Brown then asked for a progress report from the other underground water conservation districts represented at today’s meeting.

**Llano Estacado Underground Water Conservation District** – Mr. Crumley’s management plan is due in 2005. This district is working on the document.

**High Plains Underground Water Conservation District** – In Mr. Conkwright’s absence, Mr. McCain reported that the High Plains Water District has a working draft of its management plan. Currently, the district has requested a run of the GAM model for the counties within the district’s 15-county service area. Staff members are currently comparing these GAM data to LERWPG data.

Chairman Brown thanked the districts for providing copies of their management plans to the LERWPG and formally acknowledged their receipt. These copies will be on file at the High Plains Water District office, should members wish to review them.

Mr. Conkwright entered the meeting at 10:49 a.m.

The group then had considerable discussion regarding the use of flow meters on wells, recharge, and playa basins. Chairman Brown noted that the TWDB has additional funding available for studies to determine the amount of water pumped, and recharge. He asked if the LERWPG should approach the TWDB for additional funding to obtain such data.

Mr. Ellison questioned the validity of flow meters—how accurate are these data? How do we know when flow meters are working or not? Flow meters are unreliable and their maintenance costs are very expensive. Flow meters must be calibrated and maintained to operate properly. The Micrometer meter takes a lot of work—but they are the most reliable meter available today. Pumping air and sand always cause metering problems.

It was stated that even if they do not work properly, flow meters do provide some beneficial information. Mr. Cleon Namken with the USDA-NRCS said to achieve optimum irrigation water management, he would recommend a meter on a pivot to determine the amount of water pumped. Mr. Everheart said his district has also had problems with meters used in his district. He also noted the funds available through the NRCS EQIP program which are available for purchase of meters.

Mr. Montgomery asked about the relationship between pressure and flow rate. Mr. Ellison said many pivots are equipped with pressure regulators. Those without them have a greater range of water pressure. Mr. Montgomery said pressure transducers are used in the oil and gas industry—and could be more reliable and maintenance-free than flow meters. These transducers also allow for transmission of real-time data from wells to a central location.

CAM5 panels will read pressure and make it available on-line for producers’ review. It is Mr. Brown’s opinion that the water conservation implementation task force will attempt to force installation of flow meters on all wells in Texas. The task force members are not aware of cost and maintenance problems associated with flow meters. Some say agriculture uses 90-95 percent of the water—and they want to know if that is an exact figure.

Mr. Brown asked the group to consider a proposed RFP submission to the TWDB. Mr Steiert said this is a good public relations move as many feel people on the High Plains recklessly pump large amounts of ground
WHEREAS, the Sandy Land Underground Water Conservation District (District) was created in November, 1989 by authority of Senate Bill (SB) 1777 of the 71st Texas Legislature; 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 revised Management Plan to the Executive Administrator of the Texas Water Development Board for a five-year review and certification; and

WHEREAS, the District’s revised Management Plans 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,

NOW, THEREfore, be it resolved that the Board of Directors of the Sandy Land Underground Water Conservation District, following notice and hearing, hereby adopts this revised ten (10) year Management Plan to replace the existing Management Plan; and

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

Adopted this 11th day of December, 2003, by the Board of Directors of the Sandy Land Underground Water Conservation District.

David Turnbough, Board President

Darrell Barron, Board Secretary
NOTICE OF MEETING OF THE GOVERNING BODY OF THE SANDY LAND UNDERGROUND WATER CONSERVATION DISTRICT

Notice is hereby given that the Board of Directors for the Sandy Land Underground Water Conservation District will meet in SPECIAL SESSION on THURSDAY, DECEMBER 11, 2003 at 9:00 A.M. in the District office of the Sandy Land Underground Water Conservation District, located at 1012 Avenue F, Plains, Texas. At such time the Board of Directors will discuss and may take action on any items on this agenda it may determine would be appropriate, to-wit:

PUBLIC HEARING

I. CALL TO ORDER AND WELCOME GUESTS.
II. PUBLIC HEARING ON PROPOSED LOCAL MANAGEMENT PLAN.
III. ADJOURN.

This Public Meeting is available to all persons regardless of disability. If you require special assistance to attend this meeting, please contact the Sandy Land UWCD at 806/456-2155 at least 24 hours in advance of the hearing.

At any time during the meeting and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon's Texas Codes, Annotated, the Sandy Land UWCD Board of Directors may meet in executive session on any of the above agenda items for consultation concerning attorney-client matters (551.073); deliberation regarding real property (551.072); deliberation regarding prospective gift (551.073); personnel matters (551.074); and deliberations regarding security devices (551.076). Any subject discussed in executive session may be subject to action during the open meeting.

I, the undersigned authority, do hereby certify that the above NOTICE OF MEETING of the Board of Directors of the Sandy Land Underground Water Conservation District, is a true and correct copy of said Notice; and that I posted a true and correct copy of said Notice on the front entrance of the Sandy Land Underground Water Conservation District office, located at 1012 Avenue F, Plains, Texas and said Notice was posted on December 8, 2003 at 8:30 a.m., and remained so posted continuously for at least 72 hours immediately preceding the day of said Meeting; a true and correct copy of said Notice was furnished to the Yoakum County Clerk, in which the above named political subdivision is located.

Dated this the 8th day of December 2003
Sandy Land Underground Water Conservation District.

By: [Signature]

I, the undersigned County Clerk, do hereby certify that the Notice of Meeting of the Sandy Land Underground Water Conservation District, is a true and correct copy of said Notice received by me on the 8th day of December, 2003, at 8:30 a.m., and that I posted a true and correct copy of said Notice on the bulletin board in the Yoakum County Courthouse, on the 8th day of December, 2003, and said Notice remained so posted continuously for at least 72 hours immediately preceding the day of said Meeting.

Dated this the 8th day of December 2003,
Deborah L. Rushing
Yoakum County Clerk.

By: [Signature]
NOTICE OF MEETING OF THE
GOVERNING BODY OF THE
SANDY LAND UNDERGROUND WATER CONSERVATION DISTRICT

Notice is hereby given that the Board of Directors for the Sandy Land Underground Water Conservation District will meet in REGULAR SESSION on THURSDAY, DECEMBER 11, 2003 at 9:15 A.M. in the District office of the Sandy Land Underground Water Conservation District, located at 1012 Avenue F, Plains, Texas. At such time the Board of Directors will discuss and may take action on any items on this agenda it may determine would be appropriate, to-wit:

REGULAR MEETING

I. CALL TO ORDER AND WELCOME GUESTS.
II. PUBLIC COMMENT.
III. CONSIDER FOR APPROVAL MINUTES FROM THE NOVEMBER 13, 2003 REGULAR BOARD MEETING.
IV. REVIEW NOVEMBER 2003 INCOME AND EXPENSE REPORTS.
V. REVIEW AND POSSIBLE ACTION REGARDING SANDY LAND UNDERGROUND WATER CONSERVATION DISTRICT'S MANAGEMENT PLAN.
VI. REVIEW AND POSSIBLE ACTION REGARDING THE SOAR PROGRAM.
VII. APPROVE WELL PERMITS.
VIII. MANAGER'S REPORT.
IX. PUBLIC COMMENT.
X. ADJOURN.

This Public Meeting is available to all persons regardless of disability. If you require special assistance to attend this meeting, please contact the Sandy Land UWCD at 806-456-2155 at least 24 hours in advance of the hearing.

At any time during the meeting and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon’s Texas Codes, Annotated, the Sandy Land UWCD Board of Directors may meet in executive session on any of the above agenda items for consultation concerning attorney-client matters (551:073); deliberation regarding real property (551:072); deliberation regarding prospective gift (551:073); personnel matters (551:074); and deliberations regarding security devices (551:076). Any subject discussed in executive session may be subject to action during the open meeting.

I, the undersigned authority, do hereby certify that the above NOTICE OF MEETING of the Board of Directors of the Sandy Land Underground Water Conservation District, is a true and correct copy of said Notice; and that I posted a true and correct copy of said Notice on the front entrance of the Sandy Land Underground Water Conservation District office, located at 1012 Avenue F, Plains, Texas and said Notice was posted on December 8, 2003 at 8:30 a.m., and remained so posted continuously for at least 72 hours immediately preceding the day of said Meeting; a true and correct copy of said Notice was furnished to the Yoakum County Clerk, in which the above named political subdivision is located.

Dated this the 8th day of December 2003.
Sandy Land Underground Water Conservation District.

By: [Signature]

I, the undersigned County Clerk, do hereby certify that the Notice of Meeting of the Sandy Land Underground Water Conservation District, is a true and correct copy of said Notice received by me on the 8th day of December, 2003, at 8:30 a.m., and that I posted a true and correct copy of said Notice on the bulletin board in the Yoakum County Courthouse, on the 8th day of December, 2003, and said Notice remained so posted continuously for at least 72 hours immediately preceding the day of said Meeting.

Dated this the 8th day of December 2003.
Deborah L. Rushing
Yoakum County Clerk.
Real Hay. No Butts. Round Bales. $35. Call 863-933-5325

Wheat Hay
1200-1600 lbs. baled at Cotton Center. $120.00 per ton. Call 863-1741

Horses Wanted
Beautiful Person Klumms
For Horse and 2 Other Kittens
Call 328-2293

Caroline Home Needed For 5 Month Old Red White Mottled Turkey Shell Kittens. Current on shots. $500.00. Call 328-2293

Cats
For Sale
1 to 6 month old kittens. Dollars. Call 328-2293

Adult Cat Free. To a Loving Owner. Spayed, Declawed. All Shots Up To Date. Call 328-2293

Christmas Trees
1-3 ft. $2.00
3-5 ft. $10.00
5-7 ft. $15.00
7-9 ft. $20.00

Furniture Packages
Pre-Lit, Full Length Mink

EVENTS

The Lubbock Avalanche-Journal
Phone 762-3333
Fax 762-1043
Submit Your Ad On-Line At:
lubbockonline.com

NOTICE OF PUBLIC HEARING

Notice is hereby given that the City Council will NOT receive public hearings at the regular meeting of the City Council Chambers on 11:00 a.m. to consider the following actions:

1. Freedom Street Name Change
2. To change the name of "Culbert Avenue" to "Research Boulevard."

The original Notice of Public Hearing was published in the Avalanche-Journal on November 26, 2003.

LEGALS

ORDINANCE NO. 203-09-09

AN ORDINANCE AMENDING ZONING ORDINANCE NO. 1333-97 IN THE OFFICIAL MAP OF THE CITY OF LUBBOCK, MAKING THE FOLLOWING CHANGES: (See plans CAM No. 239 Z-18)

SECTION 1. That Zoning Ordinance No. 239-97, as approved by the City Council on November 23, 1997, is hereby amended to

ORDINANCE NO. 299-09

AN ORDINANCE AMENDING ZONING ORDINANCE NO. 1333-97, AS AMENDED, TO LIMIT THE HEIGHT OF NEW AND EXISTING MINE Tunneling Projects In the City of Lubbock, Texas, by the following amendment:

Post to Plainview, Levelland to Littlefield,
Chicana Settlers, The Choice for Classified Advertising In West Texas Is
The Lubbock Avalanche-Journal Phone 762-3333
Fax 762-1043
Submit Your Ad On-Line At:
lubbockonline.com

PATTERNS to SEW

This Pattern is $8.00

3950: Dress your young man in his own suit. Pattern also includes short sleeve shirt, vest & shoes along with the jacket & long pants. Sizes 4-7 yrs. included in pattern. $8.00

www.patterncentral.com

This Pattern is $8.00

3952: Your little girl will enjoy going to bed in her new nightgown with a matching one for her 18" doll. Sizes 7 to 10 included. $8.00

www.patterncentral.com

Each measure 11 inches square by 12 inches tall.

Chalkable & Sticks plan (No. 946) . . . $3.95
Children's Furniture Package (No. C79). . . Four other projects . . . $2.95
Catalog (pictures hundreds of projects) . . . $2.00

To order, circle item(s). Include your name, clip & send w/check to: address and the name of U-Bild Features this newspaper. Prices P.O. Box 2383 include postage. Allow 5-6 weeks for delivery.

Or call (800) 82-U-BILD
Money Back Guarantee
NOTICE OF PUBLIC SALE
Pursuant to Chapter 339, Section 339-002, Property located in Lubbock, Texas, property to be sold at public auction. The property is located in Lubbock, Texas. The property is to be sold in its present condition.

NOTICE OF PUBLIC SALE
Pursuant to Chapter 339, Section 339-002, Property located in Lubbock, Texas, property to be sold at public auction. The property is located in Lubbock, Texas. The property is to be sold in its present condition.
Dear Mr. Ward:

Attached is a copy of the Sandy Land Underground Water Conservation District's adopted "Groundwater Management Plan" for Texas Water Development Board certification as mandated by §36.1072(a) of the Texas Water Code. The Sandy Land UWCD Board of Directors adopted the plan on December 11, 2003. In addition, the resolution adopting the plan is attached.

This plan replaces our existing Management Plan that was adopted by the District in 1998.

The Sandy Land Underground Water Conservation District Management Plan was developed during open meetings of the Board of Directors in accordance with all notice and hearing requirements of the District. Documentation that notice and hearing requirements were followed is presented in a separate attachment. There are no surface water management entities within the District. Since notice of hearings are posted within the District, and proper notice of public hearing was in a newspaper of wide circulation, no additional notification is given under §36.1071(a).

The following cross-references are provided as a means of documenting completeness of the Groundwater Management Plan as applicable to the statutory requirements of Senate Bill 1 and TAC 356.
<table>
<thead>
<tr>
<th>Water Code</th>
<th>Groundwater Management Plan</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>§36.1071(a)(1)</td>
<td>Goal 1.0</td>
<td>Pages 7 and 10</td>
</tr>
<tr>
<td>§36.1071(a)(2)</td>
<td>Goal 2.0</td>
<td>Pages 7 and 11</td>
</tr>
<tr>
<td>§36.1071(a)(3)</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>§36.1071(a)(4)</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>§36.1071(a)(5)</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>§36.1071(a)(6)</td>
<td>See Attached Letter</td>
<td></td>
</tr>
<tr>
<td>§36.1071(a)(7)</td>
<td>See Attached Letter</td>
<td></td>
</tr>
<tr>
<td>§36.1071(e)(1)</td>
<td>Goals</td>
<td>Page 10</td>
</tr>
<tr>
<td>§36.1071(e)(2)</td>
<td>Actions, Procedures, Performance and Avoidance for Plan</td>
<td>Page 9</td>
</tr>
<tr>
<td></td>
<td>Implementation</td>
<td></td>
</tr>
<tr>
<td>§36.1071(e)(3)(A)</td>
<td>Existing Total Groundwater</td>
<td>Page 4</td>
</tr>
<tr>
<td>§36.1071(e)(3)(B)</td>
<td>Groundwater Use</td>
<td>Page 7</td>
</tr>
<tr>
<td>§36.1071(e)(3)(C)</td>
<td>Recharge</td>
<td>Page 4</td>
</tr>
<tr>
<td>§36.1071(e)(3)(D)</td>
<td>Projected Supply and Demand</td>
<td>Page 7</td>
</tr>
<tr>
<td>§36.1071(f)</td>
<td>Rules</td>
<td>Rules Enclosed</td>
</tr>
</tbody>
</table>

A copy of the District's rules is attached in accordance with §36.1071(f). The rules were adopted January of 1991 and amended in August 2003.

The Sandy Land Underground Water Conservation District’s "Groundwater Management Plan" will be in force for 10 years from the date it was adopted by the Board.

If there should be any additional information that you require, please do not hesitate to call.

Sincerely,

[Signature]

Gary L. Walker

GLW/cb

Attachments
February 9, 2004

Carmon McCain
Llano Estacado Regional Water Planning Group
High Plains UWCD
2930 Ave. Q
Lubbock, Texas 79411

Dear Mr. McCain:

For your review, a copy of the Sandy Land Underground Water Conservation District's adopted "Groundwater Management Plan" for Texas Water Development Board certification is enclosed. This action is mandated by §36.1072(a) of the Texas Water Code. The Sandy Land UWCD Board of Directors adopted the plan on December 11, 2003.

The Sandy Land Underground Water Conservation District Management Plan was developed during open meetings of the Board of Directors in accordance with all notice and hearing requirements of the District. Since notice of hearings are posted within the District, and proper notice of public hearing was in a newspaper of wide circulation, no additional notification is given under §36.1071(a).

If there should be any additional information that you require, please do not hesitate to call.

Sincerely,

Gary L. Walker
GLW/cb
Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
   
   Carmen McCa:.
   2930 Ave Q
   Lubbock, TX
   7941

2. Article Number
   (Transfer from service label)
   7003 1480 0005 6809 9776

3. Service Type
   - [ ] Certified Mail
   - [ ] Express Mail
   - [ ] Registered Mail
   - [ ] Insured Mail
   - [ ] C.O.D.

4. Restricted Delivery (Extra Fee)
   - [ ] Yes
   - [ ] No

5. Identity
   
   Rita Tucker
   137

6. Return Receipt
   
   Agent
   6603 1003

7. Domestic Return Receipt
   
   1003 1003
   C

8. Addressed to:
   
   Llano Estacado Regional Planning
   7930 Ave Q
   Group
   Lubbock, TX
   79411-3409

9. United States Postal Service
   
   Return Receipt

10. USPS
   
   Postage
   $3
   Certified Fee
   2.30
   Return Receipt Fee
   1.28
   Total Postage & Fees
   $4.58

11. Sender:
   
   Print your name, address, and ZIP+4 in this box.

   Sandyland/WWCD
   P.O. 1004130
   Plains, TX 79355
December 23, 2003

Mr. Kevin Ward
Executive Administrator
Texas Water Development Board
1700 N. Congress
Austin, Texas 78711-3231

Dear Mr. Ward:

Sandy Land Underground Water Conservation District has recently been in the process of reviewing and readopting our management plan as mandated by §36.1072(e) of the Texas Water Code. During this process, we inadvertently omitted the goals "Addressing Drought Conditions" 31 TAC §356.5(a)(1)(F) and "Addressing Conservation" 31 TAC §356.5(a)(1)(G) from our items that are identified as not applicable to the district. Although the concerns of drought and conservation are addressed in the Management Plan, the Board did not intend to deal with these issues as goals in the Management Plan.

If there should be any additional information that you require, please do not hesitate to call.

Sincerely,

Gary L. Walker

GLW/cb