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EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

GROUNDWATER NEWS

## 34TH ANNUAL MEETING SUMMARY

**HALSTEAD** — The 34th Annual Meeting of the Equus Beds Groundwater Management District No. 2 was held January 13, 2009, at Halstead Middle School. There were approximately 60 people in attendance.

- Bob Seiler, President, introduced Manager Tim Boese, who presented information to the audience regarding the District's activities for 2008 and future plans for the District.
- Larry Jacob, Treasurer, reported on the District's financial status and reviewed a proposed fiscal year 2010 budget of \$381,904, which the Board approved to present at the budget meeting in June.
- Incumbent Board member Dennis Gruenbacher (Sedgwick County) was re-elected to another 3-year term. Mike McGinn (Harvey County) and Vin Kissick (Sedgwick County) were elected to their first 3-year terms to the Board.
- Debra Ary, City of Wichita, gave updates on the ASR Project Phase I and Phase II.

## BOARD OFFICERS ELECTION RESULTS

**HALSTEAD** — At the February Board of Directors meeting, officers for 2009 were elected by Board members.

Larry Jacob was elected President; David Stroberg was elected Vice-President; Fred Seiler was elected Secretary; and Don Koci was elected Treasurer. The officers will serve a one-year term of office.

Board meetings will take place on the second Tuesday of each month at 6:00 p.m. during the months of April through October.

## CITY OF WICHITA ASR PROJECT, PHASE II - Update

**HALSTEAD** — The City of Wichita's Equus Beds Aquifer Storage and Recovery Project (ASR) is continuing. When the project is completed, it will be able to capture up to 100 million gallons per day from the Little Arkansas River and recharge it into the Equus Beds Aquifer. It is estimated that there is enough storage in the aquifer to hold 65 billion gallons, approximately the same amount of water as stored in Cheney Reservoir.

Phase II will serve as the backbone for future phases and will be capable of capturing and recharging up to 30 million gallons of water per day. A surface water intake from the Little Arkansas River will be constructed near 117<sup>th</sup> Street North & Tyler Road, and a water treatment plant will be located near 117<sup>th</sup> Street North & 119<sup>th</sup> Street West. The treatment plant will use membranes to treat the water and advanced oxidation to remove the atrazine and provide disinfection so that all of the water recharged meets the safety standards established by the Kansas Department of Health and Environment. Both of these are cutting edge technologies, and pilot testing have established their effectiveness.

A total of 30 recharge wells and a recharge basin will be constructed to allow recharge at this capacity. Most of the recharge/recovery wells will be at the sites of existing water supply well sites, and six new wells will also be able to serve as both supply wells and recharge wells. New water lines will be constructed and the existing 48" pipeline and many of the smaller lines leading to the existing wells will be replaced with new lines. This will increase the reliability of the system and also reduce the number of pipeline breaks. The project also includes the replacement of several miles of old power lines as well as construction of several miles of new high-lines and a new substation that will provide power to the new treatment plant and additional wells, as well as provide a backbone for future phases.

Phase II construction will start Summer 2009 and will be complete by Fall 2011. This will allow the plant to be tested during the Fall rainy season and be completely operational by the Spring of 2012.

Phase I of the project has a capacity of 10 million gallons per day and was completed in 2006. It has successfully recharged over 650 million gallons since it was commissioned.

If you haven't had a chance to see it yet,  
please take some time to schedule a tour with the City.

*Update provided by the City of Wichita, Water & Sewer Dep't, Production & Pumping Division, March 2009.*

## NEED ASSISTANCE WITH:

- Plugging an abandoned water well?
- Repairing, selecting or installing a water meter?
- Filing a water permit form or use report?
- Checking on available groundwater supply?
- Reviewing your water permit?

Contact the Equus Beds Groundwater Management District at (316) 835-2224.



**EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2**

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Halstead, KS 67056-1924

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Website: [www.gmd2.org](http://www.gmd2.org)

Mailing Address Line 1  
Mailing Address Line 2  
Mailing Address Line 3  
Mailing Address Line 4  
Mailing Address Line 5

Please contact us with any address changes!

OR CURRENT RESIDENT

## PUBLIC HEARING ON CITY OF WICHITA'S APPLICATIONS TO APPROPRIATE WATER — ASR PROJECT, PHASE II

Pursuant to K.S.A. 2008 Supp. 82a-711 and K.A.R. 5-12-3, a public hearing will be held at 1:00 p.m. on Wednesday, April 29, 2009, at the Grand Prairie Hotel & Convention Center, 1400 N. Lorraine St., Hutchinson, Kansas regarding the approval of applications for permits to appropriate water, file numbers 46627, 46714-46733, and 47178-47181. Each of these applications to appropriate water for beneficial use propose aquifer storage and recovery of water as part of the proposed second phase of the City of Wichita's Aquifer Storage & Recovery Project in Harvey County, Kansas. This hearing will provide the public an opportunity to provide both oral and written comments in regard to whether approval of the applications may impair use of water under an existing water right or may prejudicially and unreasonably affect the public interest. Public comments may be considered in determining whether the applications should be approved, modified or denied.

All interested parties may submit written comments prior to the hearing to the Chief Engineer, Division of Water Resources, Kansas Dep't of Agriculture, Attention: Leslie Garner, 109 SW 9th St., 4th Floor, Topeka, Kansas 66612, or by e-mail at [leslie.garner@kda.ks.gov](mailto:leslie.garner@kda.ks.gov). All interested parties will be given a reasonable opportunity to present their views orally on the proposed project during the hearing. In order to give all parties an opportunity to present their views, it may be necessary to request that each participant limit any oral presentation.

Copies of the proposed applications may be obtained by contacting the Dep't of Agriculture or by accessing Division of Water Resources' home page at: <http://www.ksda.gov/dwr/>.

*News release courtesy of the Division of Water Resources, Department of Agriculture, March 30, 2009.*

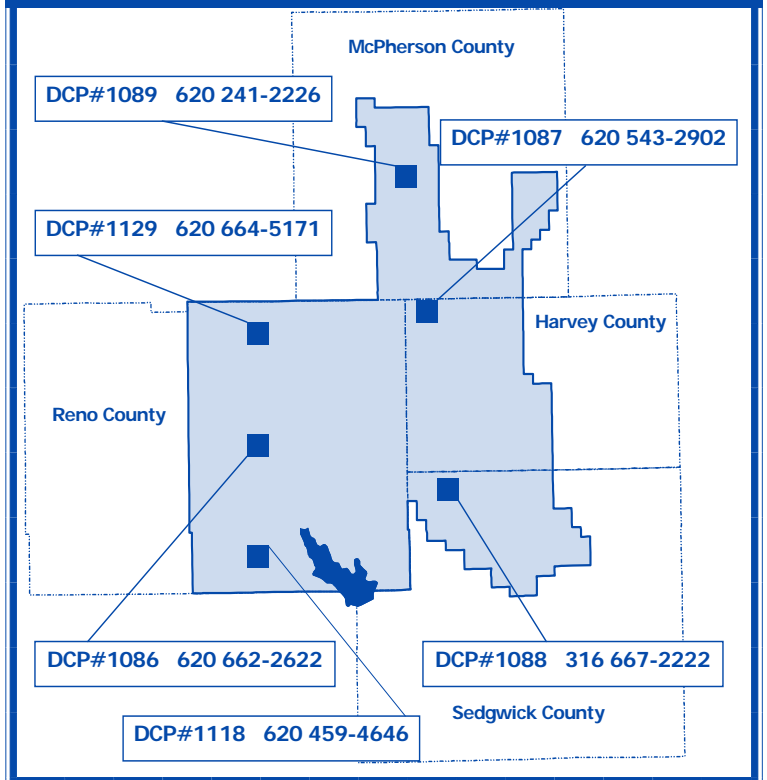
### UPCOMING BUDGET MEETING

**HALSTEAD** — The annual budget meeting for the Equus Beds Groundwater Management District No. 2 will be held at 7:00 p.m. on Tuesday, June 9, 2009, at the District office, 313 Spruce Street in Halstead, Kansas.

During the meeting, the FY 2010 budget and water and land assessment rates will be adopted. The current land assessment rate is \$0.05 per acre and the rate for water assessments is \$0.82 per acre-foot. A water assessment rate of \$0.80 per acre-foot has been proposed for the FY 2010 budget.

The meeting is open to the public and the public is welcome and encouraged to attend.

Need to know the current rainfall, ET, soil temperature, groundwater level, and current atmospheric conditions in the Equus Beds? Simply call the nearest data station.



#### BOARD OFFICERS

Larry Jacob ..... President  
David Stroberg ..... Vice President  
Fred Seiler ..... Secretary  
Don Koci ..... Treasurer

#### BOARD OF DIRECTORS

Dennis Gruenbacher ..... Member  
Vin Kissick ..... Member  
Mike McGinn ..... Member  
Bob Seiler ..... Member  
David Warren ..... Member

#### DISTRICT STAFF

Tim Boese ..... Manager  
Dorinda Albrecht ..... Admin.Asst.  
Tracey Rockett ..... Hydrologist  
David Randolph ..... Technician  
Tom Adrian ..... Attorney

The Equus Beds Groundwater Management District No. 2 publishes the *Equus Beds Groundwater News* quarterly. Subscriptions are free of charge.

**Address corrections are appreciated and help to reduce publication costs.**

Mail, fax or e-mail corrections to the District office at: 313 Spruce Street, Halstead, KS 67056-1924 • Phone: 316-835-2224 • Fax: 316-835-2225 • E-mail: [equusbeds@gmd2.org](mailto:equusbeds@gmd2.org) • website: [www.gmd2.org](http://www.gmd2.org)

Office hours are 8:00 am - 5:00 pm, Monday through Friday, except for holidays.

The Board of Directors meets the second Tuesday of each month. All meetings are open to the public. The public is welcome and encouraged to attend the meetings.