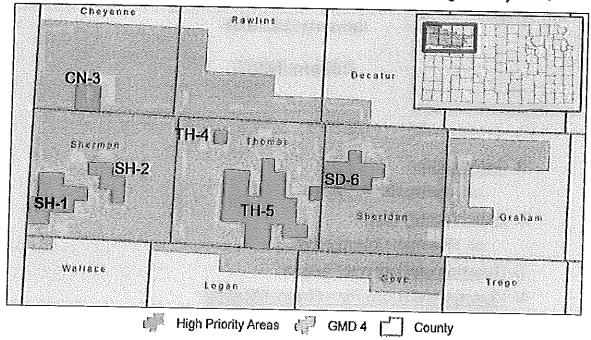
## Northwest Kansas Groundwater Management District No. 4 High Priority Areas



Groundwater Management District No. 4

1290 West 4<sup>th</sup> Street.

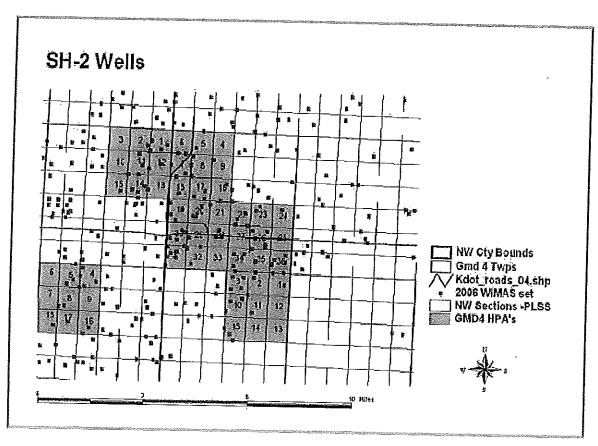
Colby, Kansas

67701

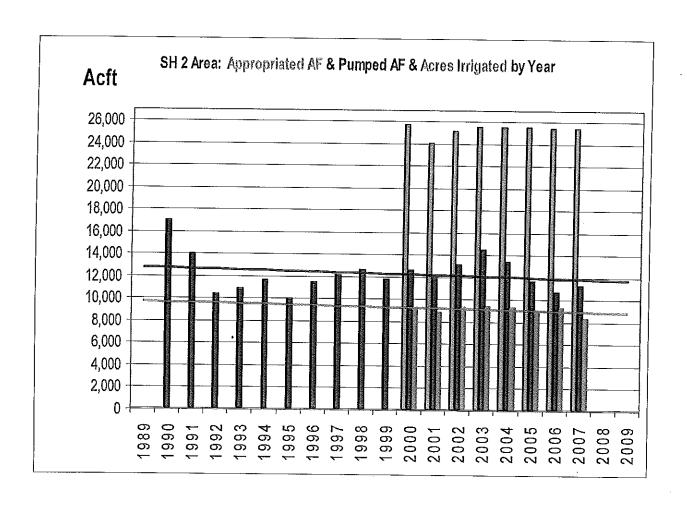
During the June, 2004 board meeting the board decided that the priority areas should be designated as such: LOW = any section declining less than 6% between 1996 and 2002; MEDIUM = any section declining between 6% and 8.999% between 1996 and 2002; and HIGH = any section declining 9% or more between 1996 and 2002. 2) To smooth out the data fluctuations, for the 1996 values the board uses the 1995, 1996 and 1997 values averaged. Likewise they use the 2001, 2002 and 2003 values averaged for the 2002 values.

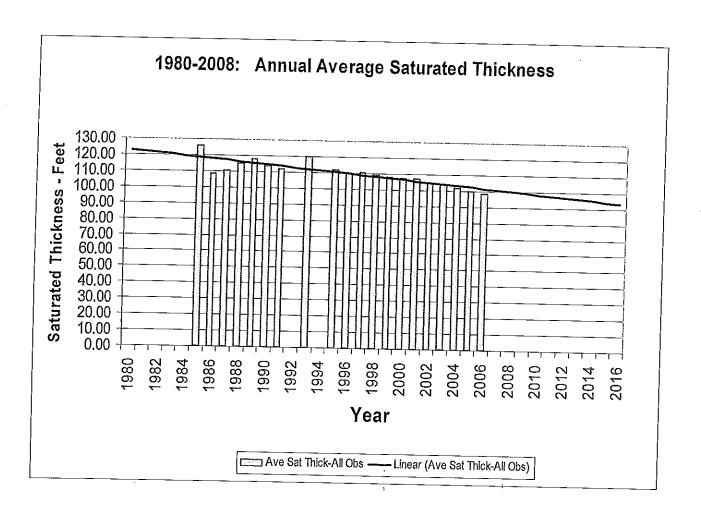
During the May and June 2006 board meetings the Task 2 decision was revisited. The board wanted to incorporate reported water use density into at least the HIGH priority sub-units. After being provided a new data set from the Kansas Geological Survey (KGS) for reported water use density values at the section centers, and considering several combinations of trigger parameters, the board at their June 8, 2006 meeting adopted a new HIGH priority trigger - any section declining 9% or more between 1996 and 2002 OR any section with a 2-mile reported average water use density between the years 1990 and 2000 of greater than or equal to 275 acrefeet - except for those sections with less than 15 feet of saturated thickness or less than 25 acrefeet of reported water use density.

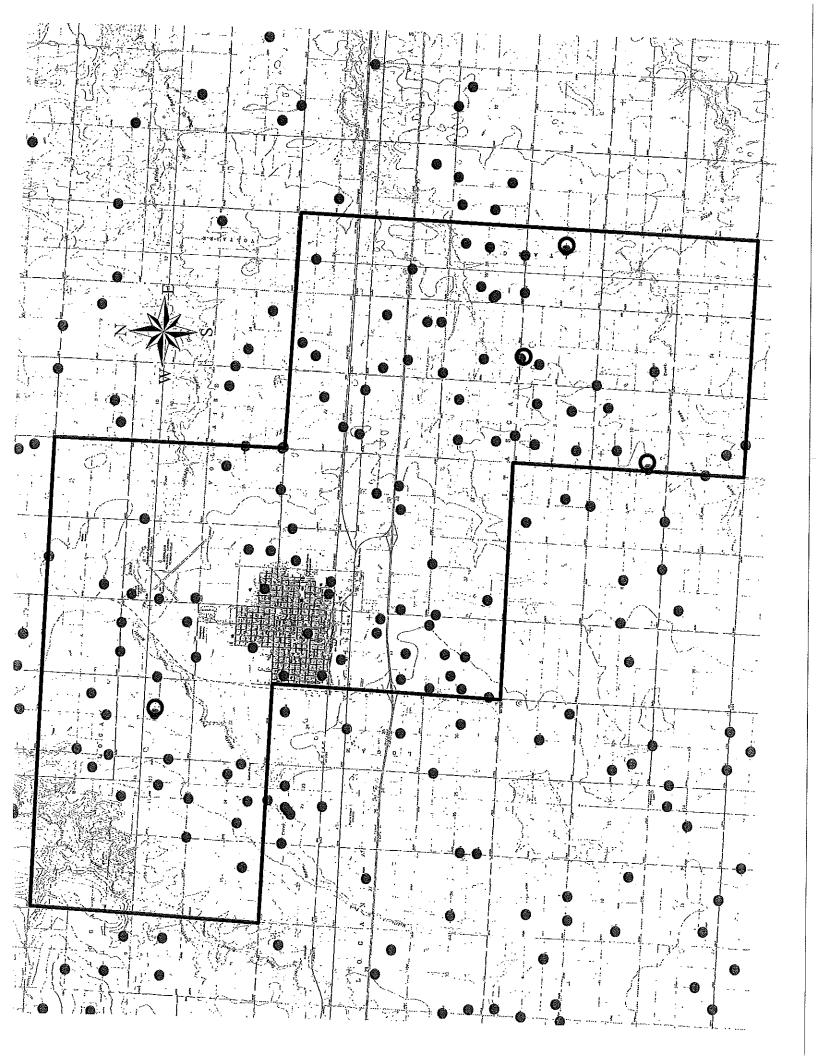
Finally, in March, 2007 the board incorporated their final criteria - that of dividing the district into 1/4 township areas and any 1/4 township area having 2 or more high priority sections, would be considered a high priority 1/4 township.

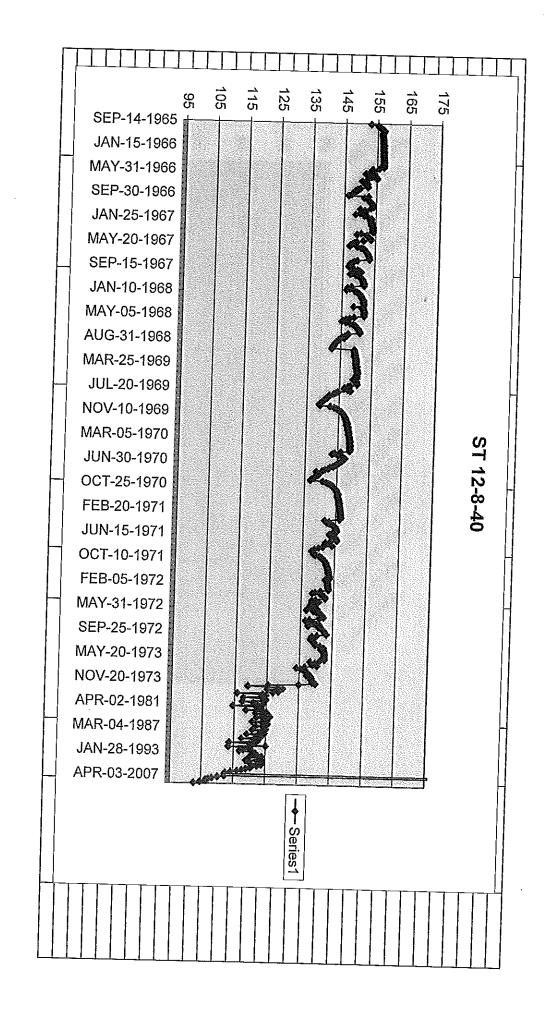


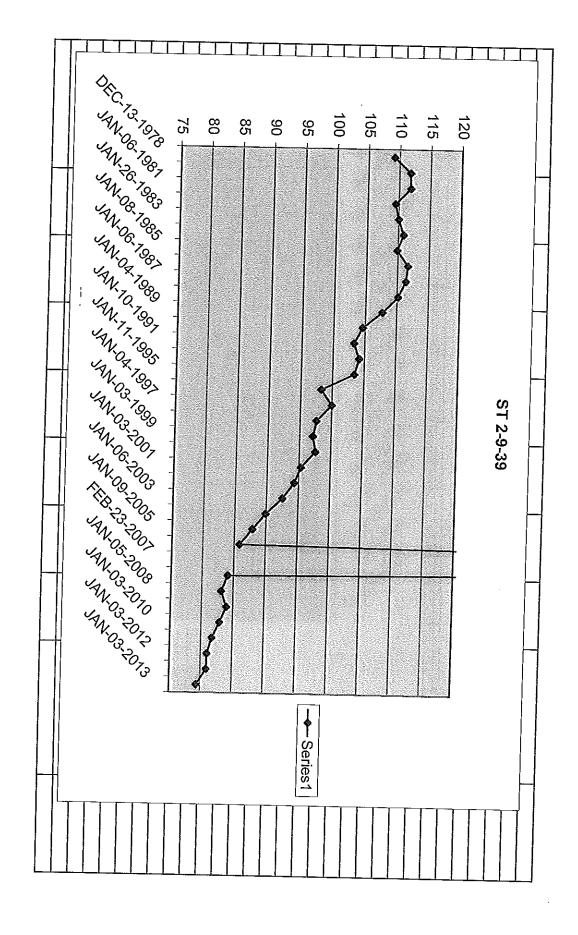
45 Sections; 29,862 Acres; 4 Obs Wells; 98 Permitted Wells; 25,435 AF Appropriated; 11,354 AF Pumped; 8,409 Ac Irrigated

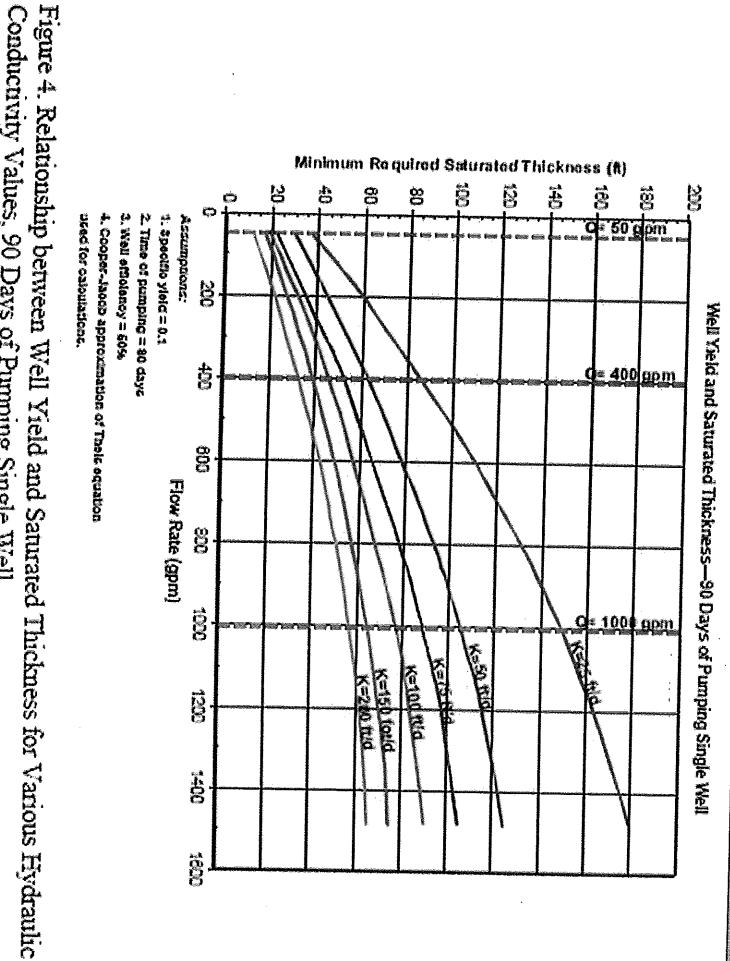












Conductivity Values, 90 Days of Pumping Single Well

