



Kathleen Sebelius, Governor
Adrian J. Polansky, Secretary

www.ksda.gov

April 2, 2008

Dick Wolfe, PE, State Engineer
Division of Water Resources
Department of Natural Resources
1313 Sherman Street
Suite 818
Denver, CO 80203

Re: Republican River Compact
Questions in Colorado
Correspondence of March 21, 2008

Dear Commissioner Wolfe:

This correspondence is in answer to questions raised in your March 21, 2008 letter. Your questions are reiterated with the Kansas response to follow.

1. The authorized acreage within the Kansas-Bostwick Irrigation District ("KBID");

Kansas answer: The Bureau of Reclamation has certified 43,018 acres to receive water from the Kansas Bostwick Irrigation District.

2. The number of acres actually irrigated within the KBID;

Kansas answer: The number of acres receiving water in each year varies with the water supply. The total KBID acres receiving some surface water by year since 1998 are as follows:

| | |
|------|-----------|
| 1998 | 38,486 ac |
| 1999 | 38,787 ac |
| 2000 | 40,758 ac |
| 2001 | 39,173 ac |
| 2002 | 38,776 ac |
| 2003 | 36,460 ac |
| 2004 | 23,436 ac |
| 2005 | 24,546 ac |

| | |
|------|-----------|
| 2006 | 28,587 ac |
| 2007 | 32,978 ac |

3. The number of acres within the KBID that may be irrigated by use of supplemental groundwater;

Kansas answer: Groundwater from wells is authorized to be voted on 13,912 acres within KBID.

4. The potential consumptive use per acre within the KBID.

Kansas answer: We believe that the type of information requested here is part of the information exchanged annually related to Crop Irrigation Requirements (CIR) pursuant to the RRCA accounting procedures. However, the KBID irrigated area is not part of this analysis and we therefore don't have that information for KBID.

Should you need any additional information from Kansas regarding these responses, please feel free to contact me.

Sincerely,



David W. Barfield, PE
Chief Engineer
Kansas Commissioner

CC: Brian Dunnigan, Acting Director, Nebraska Dept. of Natural Resources
Aaron Thompson, U.S. Bureau of Reclamation
Colonel Roger Wilson, Jr., U.S. Army Corps of Engineers
James J. DuBois, U.S. Department of Justice