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From: Temple McKinnon <Temple.McKinnon@twdb.texas.gov>
Sent: Thursday, May 16, 2013 12:24 PM
To: jparks@ntmwd.com; mfuller@ntmwd.com; Rachel Ickert; Amy Kaarlela
Cc: Kevin Kluge; Yun Cho; Thomas Barnett; John Ellis; Dan Hardin; Matt Nelson
Subject: Region C Requested Changes to Non-Municipal Demands

Hello all:

As the regions are reviewing the population and water demand projections, we are finalizing the coordination with the other state agencies to incorporate changes suggested by the planning groups to the non-municipal water demand projections.

TWDB staff are supporting the following previously-submitted changes to non-municipal demand projections in Region C:

Irrigation Demands – Collin, Cooke, Grayson, Jack, Kaufman, Navarro, Parker, and Rockwall counties

Livestock Demands – Henderson County

Manufacturing Demands – Ellis, Henderson, Navarro, and Parker County

Steam-Electric Power Demands – Collin, Dallas, Freestone, Grayson, Henderson, Kaufman, Parker and Wise counties

Of the requested changes submitted by the planning group, staff will not recommend the following Mining requests to the other agencies or to the Board.

The draft mining water demand projections are based upon the University of Texas Bureau of Economic Geology 2012 Update Report projections. Requested changes to the mining water demand projections have been based upon the average of posted 2005-2009 water use summaries. However, we can no longer attach any validity to the mining estimates posted prior to 2006, and believe they should not be used as any part of the basis for new projections. The posted 2005 mining water use estimates were the final year in a series of years in which mining values were rolled over without clear knowledge of their viability. Beginning in 2006, only adequately-sourced mining water use volumes were included in the annual water use estimates. In light of this and the UT BEG work, staff will not recommend any changes that incorporate 2005 mining use estimates.

Collin County

The BEG study identified no mining use in the county. TWDB historical data was used (the average of 2005-2009) to determine the baseline recommended by the planning group, which was held constant through the planning horizon. The historical data included 2005, 2009 and 2010 water use volumes. The 2009 and 2010 mining values represent an erroneous North American Industrial Classification System (NAICS) coding for the GNB Batteries Inc. Considering these corrections and the previously mentioned 2005 data issue, staff does not feel as though a change is necessary.

Grayson County

The BEG study projected less mining use in the county than has occurred historically in the last 5 years (2005-2009). The planning group recommend using the 5-year average as a more conservative estimate. The posted 2005 mining use estimate is 1,058 acre feet while the 2006-2009 estimates are significantly less. An average of annual estimates excluding the 2005 estimate would result in a volume lower than the draft projections from the UT BEG.

Rockwall County

The planning group's recommendation is to use an average of the 2005-2009 mining water use estimates in lieu of the draft projections of zero mining demands. The posted 2005 estimate is 33 acre-feet of water use and the other decades are zero. As stated earlier, staff do not believe that the posted 2005 estimate should be used to establish projections and that a change in projections is not necessary.

Staff will forward all requested changes to the other three state agencies (TCEQ, TPWD, DA) with our recommendations. As soon as the other agency staff have reached consensus on the non-municipal demand projections we will let you know.

Please contact us for any additional clarification necessary. Requested changes to the population and water demand projections are due August 16th. If the group wishes to request any additional changes to the non-municipal water demands, please submit them as soon as possible.

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Thank you,
Temple

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