

January 4, 2024

Mr. Randy Whiteman  
Chair  
Region B Regional Water Planning Group  
c/o Red River Authority  
P.O. Box 240  
Wichita Falls, Texas 76307

Dear Chairman Whiteman:

I have reviewed your request dated October 26, 2023, and amended request dated November 27, 2023, for approval of alternative water supply assumptions to be used in determining existing and future surface water availability. This letter confirms that the TWDB approves the following assumptions that require a variance:

1. Use of a one-year safe yield for existing and strategy supply from surface water reservoirs within portions of the Trinity and Brazos River Basins within Region B.
2. Modify the TCEQ Red River WAM to include subordination of senior water rights in Lake Texoma to current and future water supply reservoirs (i.e., Lake Arrowhead and Lake Ringgold) in the Little Wichita River Basin.
3. Use of a safe yield that maintains a minimum reserve supply equal to 20 percent of the conservation storage, for existing and strategy supply, in each Region B water supply reservoir within the Red River Basin.
4. Model Kemp and Diversion reservoirs as a system rather than as individual reservoirs in the TCEQ Red River WAM for existing and strategy supply.

Although the TWDB approves the use of a one-year and 20 percent reserve safe yield for developing estimates of current and future water supplies, firm yield for each reservoir must still be reported to TWDB in the online planning database and plan documents.

While the use of these modified conditions may be reasonable for planning purposes, WAM RUN3 would be utilized by the TCEQ for analyzing permit applications. It is acceptable to use the modified conditions for WMS supply evaluations only if the yield produced is more conservative (less) for surface water appropriations than WAM RUN3.

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While the TWDB authorizes these modification to evaluate existing and future water supplies for development of the 2026 Region B RWP, it is the responsibility of the RWPG to ensure that the resulting estimates of water availability are reasonable for drought planning purposes and will reflect conditions expected in the event of actual drought conditions; and in all other regards will be evaluated in accordance with the most recent version of regional water planning contract Exhibit C, *General Guidelines for Development of the 2026 Regional Water Plans*.

Please do not hesitate to contact Kevin Smith of our Regional Water Planning staff at 512-475-1561 or [kevin.smith@twdb.texas.gov](mailto:kevin.smith@twdb.texas.gov) if you have any questions.

Sincerely,

Matt Nelson

Deputy Executive Administrator

c: Fabian Heaney, Red River Authority  
Jeremy Rice, P.E., Freese & Nichols, Inc.  
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Sarah Lee, Water Supply Planning  
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