

August 10, 2018

Mr. Kelley Holcomb
Region I Chair
East Texas (Region I) Regional Water Planning Group
c/o City of Nacogdoches
P.O. Box 635030
Nacogdoches, TX 75963-5030

RE: Region I Regional Water Planning Group (RWPG) request for approval to modify existing surface water availability hydrologic assumptions for development of the 2021 Region I Regional Water Plan (RWP)

Dear Mr. Holcomb:



The Texas Water Development Board (TWDB) has reviewed your request dated July 3, 2018 for approval of alternative water supply assumptions to be used in determining existing surface water availability. This letter confirms that the TWDB approves the following requests:

1. Use of the updated Trinity Water Availability Model (WAM) developed and approved for use by Region C.
2. Modifying the Neches River WAM RUN3 to address the following:
 - a. Subordination of rights associated with Sam Rayburn Reservoir and Lake B.A. Steinhagen.
 - b. Hydropower generation at Sam Rayburn Reservoir and regulation of releases by Lake B. A. Steinhagen.
 - c. System operations, where appropriate.
 - d. Incorrect representation of environmental flow standards related to Permit No. 5585.
 - e. Minimum operating elevation in Sam Rayburn Reservoir.
3. Modifying the Sabine River WAM RUN3 to address the following:
 - a. Area-capacity relationships updated to reflect current and future sedimentation conditions for major reservoirs.
 - b. The canal water rights owned by Sabine River Authority (SRA) in the lower basin were modeled as being backed up by releases from Toledo Bend Reservoir.
 - c. The remainder of the yield of Toledo Bend evaluated assuming all diversions were taken lakeside.

Our Mission

To provide leadership, information, education, and support for planning, financial assistance, and outreach for the conservation and responsible development of water for Texas

Board Members

Peter M. Lake, Chairman | Kathleen Jackson, Board Member | Brooke T. Paup, Board Member
Jeff Walker, Executive Administrator

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August 10, 2018

Page 2

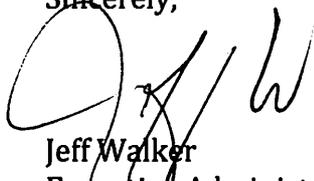
- d. Hydropower operations at Toledo Bend were excluded during the determination of total available supply from the lake.
 - e. Supplies for Lake Pinkston in the Neches River Basin and Lake Center in the Sabine Basin may be determined separately from the WAM, based on the 2016 study completed by the City of Center.
4. Evaluate the City of Beaumont supplies based on daily time-step maximum diversion rates and current infrastructure.

For the purpose of evaluating potentially feasible water management strategies, the TCEQ WAM RUN3 is to be used, unless a hydrologic variance request for future surface water source availabilities is submitted and approved.

While the TWDB authorizes these modification to evaluate existing water supplies for development of the 2021 Region I 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 contract Exhibit C, *Second Amended General Guidelines for Fifth Cycle of Regional Water Plan Development*.

If you have any questions, please do not hesitate to contact Lann Bookout, project manager for Region I, at (512) 936-9439 or via email at lann.bookout@twdb.texas.gov.

Sincerely,



Jeff Walker
Executive Administrator

JW/LB:ms

- c: Jim Jeffers, City of Nacogdoches
Stacy Corley, City of Nacogdoches
Rex Hunt, Alan Plummer Associates, Inc.
Amy Kaarlela, Freese & Nichols, Inc. (Region C)
Lann Bookout, TWDB