

Item 5 – Approval of GAM & Modeling for the Yegua-Jackson Aquifer

Determination of Desired Future Conditions for the Yegua-Jackson Aquifer must be calculated and adopted using a Texas Water Development Board (TWDB) approved groundwater availability model. BVGCD and the other members of GMA 12 used the groundwater model developed by the TWDB for the Yegua-Jackson during the 2016 planning cycle.

John Seifert and the General Manager ask the Board to consider the following for 2021 Yegua-Jackson Aquifer Desired Future Condition (DFC) planning:

1. Use the same TWDB approved GAM model as was used in 2016
2. Use the same well pump files as was used in the 2016 planning cycle
3. Update actual Yegua-Jackson pumping for the years 2010-2018
4. Express one DFC for the Yegua-Jackson Aquifer. In past planning cycles, BVGCD has developed a DFC for the Yegua formation and separately for the Jackson formation.

It is the recommendation by the General Manager to approve the above listed criteria relating to the 2021 DFC planning and determination for the Yegua-Jackson Aquifer.