

## **Item 6c | GMA 12 DFC Planning Update | March 2021**

The GMA 12 representatives met virtually on March 18, 2021 to continue planning for the adoption of 2021 Desired Future Conditions (DFCs). Items on the agenda included:

- Presentation by John Seifert on the requested GAM Run S-12 relating to the modifications of pumping files currently in Groundwater Availability Model (GMA) Run S-1 and corresponding to the Simsboro aquifers for Brazos Valley GCD
- Consider declaring non-relevant aquifers relative to each groundwater district
- Reconsideration of inputting and using a modified Carrizo Aquifer pumping file by Post Oak Savannah GCD into GAM Run S-11
- Possible adoption of proposed DFCs for all aquifers
- Determination of variance to be used applicable to the GAM runs and proposed DFCs

GMA representatives viewed GAM Run S-12 consisting of pumping file modifications requested by BVGCD. Modifications were made to pumping files contained in the GAM Run S-11 for the Simsboro Aquifer. These files were modified by BVGCD due to an oversight in January 2020. GMA members were receptive to the modification and ultimately adopted S-12 for use in the 2021 planning cycle.

The representatives were asked to reconsider the decision made during the February meeting to exclude the POSGCD request for modification of their Carrizo pumping file. Following a lengthy discussion, the members did not reverse course.

The adoption of all aquifer proposed DFCs was on the agenda. The following proposed DFCs were adopted for the following aquifers:

**Queen City/Sparta/Carrizo/Calvert Bluff/Simsboro/Hooper** – GAM Run S-12 pumping files will be sent to and used by the Texas Water Development Board to calculate the MAG values for each aquifer and determine the feasibility of each proposed DFC.

**Yegua-Jackson** – GAM Run S-2 pumping files will be sent to and used by the Texas Water Development Board to calculate the MAG values for the aquifer and determine the feasibility of the proposed DFC.

**Brazos River Alluvium** – Pumping files will be provided to the TWDB for use in the Brazos River Alluvium Aquifer GAM developed by the TWDB for feasibility and MAG values.

GMA 12 representative discussed and adopted a ten (10) percent variance for use in determining the feasibility of the proposed DFCs using the applicable GAM run pumping files provided to the TWDB. This variance will be used on all aquifer DFC values except for the Brazos River Alluvium.

The next GMA 12 meeting will be held April 20, 2021 to further discuss proposals requested by Environmental Stewardship relating to surface water/groundwater DFCs and establishing a monitoring well plan for the Colorado River Alluvium deposit.