

### **Item 8c – DFC Planning Efforts**

GMA 12 members met virtually Friday, July 24, 2020 due to the COVID-19 situation.

There were three presentations during the meeting relating to factors required to be addressed before adoption of the DFCs. The presentations covered:

- Aquifer uses or conditions within the management area, including conditions that differ substantially from one geographic area to another (Andy Donnally);
- The water supply needs and water management strategies included in the state water plan (Steve Young);
- The impact of subsidence (Matt Uliana).

Steve Young also presented information concerning the improvement of the current groundwater model relative to the transmissivity of the Simsboro Aquifer in an area surrounding the Vista Ridge well field located in western Burleson County. Having obtained recent 36-hour pumping tests, it became evident that transmissivity values currently in model within a 17-mile radius of the well field are significantly lower than data gleaned from the pumping tests.

GMA 12 members were presented with a draft letter to be submitted to the Texas Water Development Board for consideration of:

1. Revision of the GAM using more accurate transmissivity values is the target area for use by GMA 12 during the 2021 DFC planning round
2. Adoption of the values to permanently update the Queen City/Sparta/Carrizo-Wilcox GAM

Larry French, TWDB Groundwater Section Director, stated during the meeting this request will be met favorably and will be viewed with an open mind. It is hoped the process will move quickly in order for model runs to be performed and accepted by the GMA 12 representatives.

Lost Pines GCD met in both June & July but has not discussed options for DFC determinations to date.

Brazos Valley GCD, Mid-East Texas GCD, Fayette County GCD, Post Oak Savannah GCD and Lost Pines GCD have all agreed to use the S7 model run as the basis for DFC determinations. GMA 12 is much closer to having consensus on the model run to be used based on Post Oak Savannah GCD recent board action agreeing to use the S7 simulation with internal modifications.