

Item 4c – DFC Planning Efforts

GMA 12 members were scheduled to will meet Thursday, March 26, 2020 in the Post Oak Savannah GCD office, but the meeting was cancelled due to the COVID-19 situation.

Member districts have been asked to bring recommended DFCs from each of the respect district boards to move the planning process forward. A virtual GMA 12 meeting will be held July 24, 2020 @ 10:00 a.m. The meeting will cover the consideration of three factors required before adoption of the DFCs. These will be:

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

Post Oak Savannah GCD Board has not yet determined their preferred avenue forward on desired future conditions (DFCs) for the Carrizo, Sparta, and Simsboro aquifers. Following two meetings of their DFC Planning Committee, a recommendation was put forth to use the Scenario 7 (S7) model run with internal modifications. POSGCD board members approved the recommendation during a May 12th regular board meeting. The actual modifications to the S7 model run will still need to be hammered out and approved by the Board. One modification is an improvement of transmissivity values in and around the Vista Ridge well field based on pumping test data that was recently been obtained.

Lost Pines GCD met in February to discuss options for DFC determinations but no action was taken. I have been told that the Board will not likely meet again until June.

There is an agreement among members with relevant Yegua-Jackson pumping to perform no further model runs following a revision to the Post Oak Savannah GCD pumping files. Similarly, Post Oak Savannah and Brazos Valley GCDs have agreed to use the same method of calculating DFCs for the Brazos River Alluvium Aquifer as was done in the 2016 round of planning. This followed extensive analysis of groundwater model runs done using two groundwater availability models. These runs specifically addressed groundwater/surface water interaction with aquifers transected by the Brazos River.

Brazos Valley GCD, Mid-East Texas GCD, Fayette County GCD, and Lost Pines 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 action.