Item 6c | DFC Considerations for 4th Planning Round

GMA 12 planning group met November 20, 2025, to further discuss the Desired Future Conditions (DFCs) of the shared aquifers. GMA 12 members have discussed several pumping scenarios using the Sparta/Queen City/Carrizo-Wilcox Groundwater Availability Model (GAM) and results, including predicted water levels, water budgets and DFC planning for the current round of joint planning and model runs previously presented and discussed. The scenarios included:

- GMA 12 joint effort producing combined GAM Run PS4-1
- GMA 12 joint effort producing combined GAM Run PS4-2
- BVGCD "Best Estimate" Scenario
- BVGCD "Bridge Run"
- BVGCD "Proposed P4-3" which include additional pumping beyond "Best Estimate" levels to account for future forecast pumping associated the mining, data centers, nuclear reactors, etc. within the District
- POSGCD 500-year run using district information provided by Fayette County GCD, Mid-East Texas GCD, and Lost Pines GCD
- POSGCD 100-year run using S-19 values from the 3rd planning round

BVGCD made a motion to approve and use "BVGCD Proposed P4-3 GAM Run" as the official basis for establishing the 4th Round DFCs. For the second meeting in a row, the motion failed to receive a second and died.

GMA 12 members then followed by moving to adopt PS4-2 as the official GAM Run from which to adopt the 4th Round DFCs. BVGCD was the only district to vote "nay" on motion for approval. GMA 12 consultants were instructed to update PS4-2 with:

- Pumping from GMA 11
- Pumping from GMA 13
- Pumping from areas within GMA 12 with no groundwater conservation district
- Extend the timeline to 2080

The consultants are to have the "Modified PS4-2 GAM Run completed and prepared for presentation at the scheduled January 23, 2026, GMA 12 meeting. GMA 12 members are to begin the nine (9) factor consideration on the resulting DFCs at that meeting. Agenda items proposed for the January 23, 2026, meeting include:

- Review of Modified PS4-2 GAM Run
- Discussion of region-wide mitigation
- DFCs for the Colorado River Alluvium
- DFCs for the Brazos River Alluvium
- Review of Yegua-Jackson nine (9) factors