Summary of Proposed Desired Future Conditions for 4th Round of Joint Planning

Presentation to the

LSGCD Board

April 14, 2026

EXECUTIVE SUMMARY

LSGCD DFC Committee Recommendation

- No change to LSGCD's adopted DFC: Minimum 70% median available drawdown remaining in 2080
- "Proposed DFC Run" Scenario
  - Use the well simulation presented by Dr. Bill Hutchison on behalf of SETGCD, BGCD, and LTGCD
    - Updated some GCD and Non-GCD pumping through 2080
    - Modified pumping used for Subsidence Districts to Modified B6
    - Anticipated MAG for LSGCD (from WEL file) = 199,069 af/year
  - The presented scenario is identical to Dr. Hutchison's ("Adjusted Scenario 14.3 SD B6")
  - The proposed DFC run is updated to remove unused text files as discussed with Dr. Hutchison
  - Scenario renamed for submission to TWDB
- Different Approaches for Post Processing:
  - Averaging has been discussed for some GCDs; LSGCD will not utilize averaging but supports approach that is appropriate for each GCD

Proposed DFC Statement for LSGCD

In Montgomery County, no less than 70 percent median available drawdown remaining in 2080 in the Gulf Coast Aquifer between 2018 and 2080.*

* Excludes Catahoula

Subsidence DFCs

- At last meeting, 4 out of 5 districts indicated that they would not adopt a subsidence metric due to lack of monitoring.
- 5th district did not indicate whether it wanted a subsidence DFC.