
GROUNDWATER MANAGEMENT AREA 12 MEETING

This meeting was held in person with virtual attendance and participation.

The meeting recording may be viewed at

<https://posgcd.org/gma12/>

October 10, 2025 - 10:00 a.m.

GMA 12 Members Present in person

Gary Westbrook	Post Oak Savannah GCD
Elvis Hernandez	Lost Pines GCD
David Bailey	Mid-East Texas GCD
Alan Day	Brazos Valley GCD
David Van Dresar	Fayette County GCD

GMA 12 Members Absent

None

Others Present in-person

Tom Glass
Cheryl Gilpin
Lendon Gilpin
Jaclyn Wise
Michael Redman
Alan Gardenshire
John Elliott
Jim Totten
Paul Kirby
Michael Simmang
Claire Marks

Entity

Lee County resident
Lee County resident
Lee County resident
POSGCD
POSGCD
SLR
BVGCD Board Member
Wellspring Advising
DBS&A
LPGCD
LPGCD

Others Present online

Emily O'Leary
Jennifer Badwar
Steve Box
+17134447238
+19796760523
Adam Foster
Alan Gibbs
Andrew Osborne
Bobby Salehi
Brent Covert
Chris Drabek
Craig Andrews
Dacy Cameron
DL
Ed McCarthy
E McCarthy

Texas Water Development Board
Environmental Stewardship

Texas Alliance of Groundwater Districts

INTERA

POSGCD
Aqua WSC

FCGCD

Heather Tucker

Jeff Fisher

Jake Steen

Jennifer Windscheffel

Greg Perry

JM

John Seifert

Kay Rogers

L Bevis

Leslie Soto Sanchez

M Masters

Melissa Cole

Michael Thornhill

Mike Keetster

Natalie

Neil Blandford

Peggy

Preston Martin

Ryan Harmon

Stefan

Stephen Maldonado

Sydney McCarthy

Tom Arsuffi

Tom Clapper

Travis Wood

Ye Hong Chen

AWSC

POSGCD

Lloyd Gosselink, P.C.

POSGCD

LPGCD Board Member

KT Groundwater

DBS&A

LPGCD Board Member

POSGCD

AGS

MINUTES

1. Invocation

The invocation was given by Gary Westbrook.

2. Pledge of Allegiance

The Pledge of Allegiance was led by Elvis Hernandez

3. Call Meeting to Order and Establish Quorum

Mr. Westbrook called the meeting to order at 10:05 AM and noted that all five voting members of GMA 12 were present in person.

4. Welcome and Introductions

Members introduced themselves, with Mr. Day and Mr. Hernandez both recognizing board members from their districts in attendance.

5. Public Comment on Agenda Items

Written comments were received from Robertson County Water Supply Corporation, Environmental Stewardship, the City of Hearne, City of College Station, and McCarthy & McCarthy, L.L.P.

Steve Box (Environmental Stewardship) provided virtual comments. He stated that Environmental Stewardship had resubmitted its petition to establish DFCs for the Colorado River Alluvial Aquifer, which previously stalled due to rule limitations. He said the group will work with Lost Pines GCD to develop a new proposal or management zone to protect the Colorado River from potential pumping impacts. No additional comments were made in person or online.

6. Minutes of September 3, 2025 GMA 12 Meeting

A motion was made by David Van Dresar to approve the September 3, 2025, minutes as presented. Seconded by Mr. Hernandez. The motion passed unanimously.

7. Discussion of groundwater availability model (GAM) run extending PS3-19 through 2080, submitted by Post Oak Savannah GCD for use in establishing Desired Future Conditions (DFCs) for the aquifers in GMA 12 for the fourth round of joint planning.

Mr. Westbrook opened agenda items 7, 8, 9, and 10 simultaneously.

Dr. Steve Young (INTERA) presented an extension of the PS3-19 model through 2080 and through 2125, comparing results from the existing GMA 12 model and the Post Oak Savannah Operational Model (OPMAN), a regional model funded jointly between POSGCD and the Bureau of Reclamation. The OPMAN model provided finer calibration and more accurate hydraulic property simulation for the Simsboro and Carrizo Aquifers. Significant differences were noted between OPMAN and the Queen City/Sparta/Carrizo-Wilcox GAM, the official GAM used by GMA 12, particularly for predicted Simsboro and Calvert Bluff drawdowns.

Discussion included:

- Mr. Day expressed concern that models lose accuracy beyond 50 years but agreed that DFCs should focus on accurate mid-term projections.
- Dr. Young stated that DFCs for the Carrizo-Wilcox are very sensitive to specific yield and there are big differences in the specific yields in the GAMs among GMAs 11, 12, and 13.
- Gretchen Miller (LRE Water) asked about additional storativity data; Dr. Young noted the data is limited but consistent (~0.1–0.18 range).
- Mr. Westbrook emphasized the conservation intent behind DFC planning and clarified that DFCs shouldn't be derived solely from pumping simulations, but that modeled pumping files are required for TWDB submittals and do not guarantee actual pumping volumes.
- Mr. Westbrook clarified the need to look beyond just 50 years at aquifer conditions and impacts from pumping.

8. Discussion of past and future groundwater availability model runs and DFCs for the aquifers in GMA 12

Dr. Gretchen Miller (LRE) and Mr. Hernandez representing Lost Pines GCD, presented comments on the PS4-2 model run incorporating updated permit data, including the Gatehouse permit and more recent production figures, and stated that PS3-19 no longer reflects current conditions. The Simsboro Aquifer exhibited the greatest sensitivity to pumping center locations.

Jim Totten gave comment and noted that earlier analyses did not include the Gatehouse permit and therefore understated potential cross-boundary impacts. Mr. Hernandez confirmed that Lost Pines prefers to use an updated model including all active permits for accuracy.

Mr. Westbrook discussed results of the model runs that included PS4-1, PS4-2, and PS3-19 extended 10 years, and explained OPMAN's purpose, which was to evaluate what would happen if pumping files from PS3-19 were extended to assess average drawdown across a district for DFCs, while localized impacts remain evaluated through POSGCD's Annual Needs Assessment.

Mr. Day discussed the most recent GAM Run submitted by BVGCD and presented as "Potential PS4-3 GAM Run," as their preferred model run to be used to set DFCs for GMA 12. He then made a motion to adopt the DFC values produced by that model run for the Sparta, Queen City, Carrizo, Calvert Bluff, Simsboro, and Hooper aquifer as the desired future conditions within GMA 12 for the fourth round of DFC planning.

Mr. Van Dresar expressed his intent to maintain the current DFCs rather than expand permitting with the expectation of later curtailment. Discussion followed on whether the agenda language allowed formal action.

The motion died due to lack of a second.

9. Discussion regarding existing DFCs, alternate DFC methods and parallel tracks, and expression of DFCs, including methodology for determining and calculating DFCs from GAM runs with possible use of variances

Consultants reported that coordination on variance use and alignment across models remains ongoing and will be revisited at the next meeting.

10. Discussion of requirements of Texas Water Code in adopting DFCs during the fourth round of joint planning for GMA 12, including schedule, model runs, metrics, and review of 9 factors from Section 36.108(d)

Discussion addressed impacts from regional pumping centers, including Bryan-College Station and Vista Ridge. Mr. Hernandez presented the LPGCD Production & Drawdown Analysis, showing that LPGCD production minimally affects other GMA 12 districts, while BVGCD and POSGCD production have greater regional impacts. He reported that Vista Ridge pumping has caused significant drawdowns in Lee County, requiring mitigation for 71 wells at a cost of \$481,813.17, and that Calvert Bluff wells are now being affected. He noted that HB 1689 allows interlocal agreements to offset these impacts and that coordinated regional management is

necessary to prevent uneven depletion. Mr. Westbrook noted POSGCD well assistance work, which is reported monthly on the district's website, and impacts from BVGCD.

11. Discussion regarding methodology for monitoring progress towards DFC compliance, including interim values in 10-year increments for GCDs in GMA 12

Mr. Hernandez stated that interim decadal values should be model-based and used solely to monitor progress toward achieving DFCs. Day recommended each district define its own decadal benchmarks, and Westbrook confirmed TWDB guidance allows local metrics in addition to regional ones.

The GMA directed consultants to coordinate monitoring schedules and data sharing among POSGCD, LPGCD, and BVGCD and report back with proposed methods.

12. Elect GMA 12 alternate representation to Region K Water Planning Group

Mr. Hernandez moved to elect Claire Marks as alternate representative to the Region K Water Planning Group. Seconded by Day. Motion passed unanimously.

13. Public comment on non-agenda items

Tom Glass urged adoption of more sustainable DFCs to prevent excessive aquifer decline and ensure future water availability for landowners.

Cheryl Gilpin urged GMA 12 to support a special legislative session to enact a temporary moratorium on large-scale pumping in unregulated areas, citing risks of aquifer depletion from growing data-center water use.

14. Update from Texas Water Development Board

Jennifer Badwar (TWDB) virtually provided updates on new TWDB appointments, Ashley Morgan and Brady Franks, as well as now former member Tanya Miller's appointment to the TCEQ's board. She reported that TWDB continues developing the GCD grant fund, which includes \$7 million over two years for science-based data collection, with additional information expected by late October or early November.

In response to a question from Gretchen Miller, Ms. Badwar said the timeline for TWDB guidance on explanatory reports has not yet been determined but she will provide an update once available.

15. Agenda items and Date for next meeting

- Consultants to continue coordination on model variance alignment and report updates at the next meeting.
- Consultants to investigate options for improved coordination among monitoring programs for the GMA 12 districts
- Revisit DFCs and potential adoption actions deferred from this meeting once appropriate agenda language ("discussion and possible action") is posted.

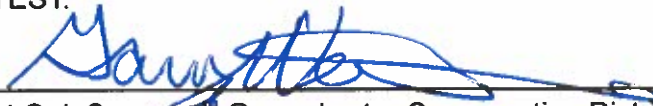
Next meeting is scheduled for November 20, 2025, at 10:00 AM.

16. Adjourn

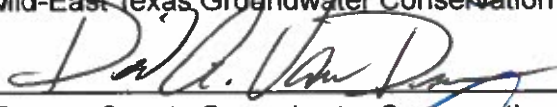
Meeting was adjourned at 12:15 PM.

The above minutes of the meeting of Groundwater Management Area 12 held on October 10, 2025 were approved and adopted by GMA 12 on Nov 120, 2025.

ATTEST:


Post Oak Savannah Groundwater Conservation District


Mid-East Texas Groundwater Conservation District


Fayette County Groundwater Conservation District


Brazos Valley Groundwater Conservation District


Lost Pines Groundwater Conservation District

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