
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/gma-12-agendas-minutes/>

April 16, 2026 – 10:00 a.m.

GMA 12 Members Present in Person

Gary Westbrook	POSGCD
Elvis Hernandez	LPGCD
David Bailey	METGCD
Alan Day	BVGCD
David Van Dresar	FCGCD

GMA 12 Members Absent

None

Others Present in person

Gretchen Miller
Jim Totten
Scott Carlson
Nick Textor
Tom Clapper
Liz Ferry
Paul Kirby
Herbert Cook
Andy Wier
Robert Bradley
Claire Marks
Alan Gardenhire
Steve Young
Will Mobley
Suzanne Pierce

Entity

Spheros Environmental
Wellspring
MetWater
LPGCD
Recharge Water
RW Harden & Associates
DBS & A
LPGCD
SAWDF
TWDB
LPGCD
SLR
Intera
University of Texas
University of Texas

Others Present online

Ryan Harmon
15127961580
Blaire Parker
Casey Cooper
Chris Drabek
Dacy Cameron, Aqua WSC
Elizabeth Klenz
Emily O'Leary
Heather Tucker, AWSC
Jean Perez - TWDB
Jennifer Badhwar
JM

L Bevis
Michael Keester
Nick Lamkey
Patrick Bobbitt
Stefan Schuster
Steven Siebert
Tom Arsuffi
Wally Darling
Ye Hong Chen (AGS)

MINUTES

1. Invocation

Gary Westbrook gave the invocation.

2. Pledge of Allegiance

Elvis Hernandez led the pledges to the flags of the United States and Texas.

3. Call meeting to order and establish quorum

Mr. Westbrook called the meeting to order at 10:04 a.m. and noted that all GMA 12 members were present.

4. Welcome and introductions

Each GMA 12 member introduced themselves. Mr. Hernandez introduced Nick Textor, Herb Cook and Claire Marks of Lost Pines GCD. Mr. Westbrook introduced Robert Bradley with Texas Water Development Board.

5. Public Comment on agenda items

Andy Wier, SAWDF, made comment on agenda item 7, factor 9, and reminded the GMA that recent hearings highlighted the importance of preventing depletion of aquifers.

Jim Totten made comment regarding his concern about adopting proposed DFCs and whether the public had ample opportunity to review. He also addressed future comments from stakeholders.

Alan Gardenhire made comment on agenda item 9 and encouraged transparency with permit holders about total permits considered in the process and curtailment.

Liz Ferry made comment on model PS4-2 mod v8 and discrepancies in pumping and permitted water, and socio-economic studies.

6. Minutes of April 2, 2026 GMA 12 Meeting

Mr. Hernandez moved to approve April 2, 2026 GMA 12 meeting minutes. He was seconded by David Bailey. The motion passed unanimously of all present.

7. Discussion and possible action on activities by consultants of GMA 12 GCDs on modifications and updates made to groundwater availability model (GAM) Run PS4-

2 for use in establishing DFCs for the Carrizo-Wilcox, Queen City, and Sparta aquifers in GMA 12, and considerations using requirements of Chapter 36.108 (d-2) in adopting DFCs during the fourth round of joint planning:

(1) aquifer uses or conditions within the management area, including conditions that differ substantially from one geographic area to another;

Mr. Westbrook invited comment or presentation on this item. No discussion was offered on this item.

(2) the water supply needs and water management strategies included in the state water plan;

Mr. Westbrook invited comment or presentation on this item. No discussion was offered on this item.

(3) hydrological conditions, including for each aquifer in the management area the total estimated recoverable storage as provided by the executive administrator, and the average annual recharge, inflows, and discharge;

Mr. Westbrook invited comment or presentation on this item. He also noted that Intera would give a presentation which would include some of this item under Agenda Item 7.(8). No further discussion was offered on this item.

(4) other environmental impacts, including impacts on spring flow and other interactions between groundwater and surface water;

Mr. Westbrook invited comment or presentation on this item. He also noted that Intera would give a presentation which would include some of this item under Agenda Item 7.(8). No further discussion was offered on this item.

(5) the impact on subsidence;

Suzanne Pierce, University of Texas, overviewed a presentation entitled Subside, Subsidence System for Insight and Data Exploration. She answered questions from GMA 12 members.

(6) socioeconomic impacts reasonably expected to occur;

Mr. Day provided follow up comments on the socioeconomic study done by BVGCD. He noted that meaningful consideration was given to all nine factors and the study performed by Westwater has merit and was submitted with plenty of time to consider. He urged the other GMA 12 members and their boards to consider moving forward with the proposed DFC for BVGCD.

Mr. Westbrook related that the POSGCD Board appreciated the work on socioeconomics by BVGCD in reflecting the BVGCD stakeholders wishes for additional water but did not see efforts to consider conservation and improvements to efficiency in that study, nor did they observe considerations of affects on neighboring GCDs of the additional production contemplated.

Mr. Westbrook invited additional comment or presentation on this item. No further discussion was offered on this item.

(7) the impact on the interests and rights in private property, including ownership and the rights of management area landowners and their lessees and assigns in groundwater as recognized under Section 36.002;

Mr. Westbrook called attention to work by POSGCD to develop rules on unreasonable impacts which is included in a presentation given in May 2023 and is now presented for reference in this process. The presentation was handed out to each member and is available under this meeting information. He noted that unreasonable impacts and possible compound effects of production from multiple wells on neighbors should be considered as well as effects on one producer to another. He noted that the POSGCD website includes additional information on unreasonable impacts.

David Van Dresar stated that the impact from one person to the next needs to be addressed as well as what happens when a District's water levels drop within that District at no fault of it's own. FCGCD is facing that issue and is committed to protecting the rights of people who want to conserve groundwater while also allowing production.

Liz Ferry asked about conservation programs among the GCDs in GMA 12 and Mr. Westbrook clarified points of the POSGCD Aquifer Conservancy Program.

Mr. Westbrook noted that two letters containing comments from Terrill & Waldrop were submitted and have been posted to the POSGCD website. Mr. Hernandez noted comments from Eric Alman representing Environmental Stewardship have also been received. Mr. Westbrook noted the letter has been posted to the POSGCD website.

(8) the feasibility of achieving the desired future condition; and

Dr. Gretchen Miller, Spheros Environmental, overviewed a presentation entitled PS4-2 mod: Draft Final Results and answered questions from GMA 12 members.

She recommended that the PS4-2 v8 be the final well file for the PS4-2 set of simulations. She clarified this is not a recommendation from consultants to use the file for adoption of DFCs, but simply that this version would be the final version of PS4-2. After discussion, Mr. Hernandez moved to recommend PS4-2 v8.wel as the final well file for PS4-2 simulations. He was seconded by Mr. Bailey. The motion passed with Mr. Westbrook, Mr. Hernandez, Mr. Van Dresar and Mr. Bailey voting in favor and Mr. Day voting against. The motion passed 4-1.

Dr. Miller finished the presentation and answered questions.

(9) any other information relevant to the specific desired future conditions.

It 7.9 was opened simultaneously with item 7.8.

Mr. Totten reminded the GMA of the required decadal evaluations of the DFCs.

Ryan Harmon, Intera, overviewed a slide entitled Factor 8: Feasibility of Achieving DFC.

Dr. Young overviewed a presentation entitled POSGCD Assessment of PS4-2mod for Development of DFCs. He answered questions from GMA 12 members concerning

impacts across GMA 12 and within POSGCD, and efforts to balance production and conservation.

He and Mr. Westbrook also discussed efforts of POSGCD in previous rounds of joint planning. Dr. Young also compared results of the POSGCD Operational Model (OPMAN) with the current GAM concerning predictive pumping simulations. Dr. Young discussed the importance of transparency and adjustments to the pumping files made by POSGCD during this round of joint planning.

Dr. Young then presented results from model runs previously presented to GMA 12 that highlight drawdown impacts and simulated and monitored drawdowns in the area of Gause and the 22 Hills community in eastern Milam County that was presented to the POSGCD Board April 14, 2026. He also summarized a list of POSGCD concerns with the predicted impacts associated with the PS4-2 GAM Run, likely underpredictions of drawdown by the GAM, the possibility of inclusions of speculative permits, and future mitigation/curtailment issues. Dr. Young also discussed water budgets and noted the socioeconomic impacts in POSGCD of the PS4-2mod pumping files being considered.

Mr. Day expressed disappointment he had not been asked previously for some of the information listed by Dr. Young and disagreed with several of the concerns discussed. Dr. Young and Mr. Westbrook thanked Mr. Day for willingness and expeditiously providing information from BVGCD for these POSGCD evaluations.

GMA 12 members discussed DFCs, pumping files and model runs used. Mr. Westbrook noted that POSGCD would like to see another GAM Run to consider at the April 27, 2026 GMA 12 Meeting which more closely matches current DFCs using a more accurate pumping file more reflective of actual current production.

He noted that BVGCD had included approximately 150,000 acre feet in the PS4-2 run when actual production was currently below 100,000 acre feet. Mr. Day stated that the amount of pumping in PS4-2 is the best estimate without the BVGCD permits which might expire September 14, 2026. Mr. Westbrook noted that POSGCD increased Simsboro pumping approximately 15,000 acre feet in PS4-2.

Mr. Westbrook also noted that POSGCD believes the work done to date is more reflective production and less reflective of the balancing required including conservation and that POSGCD is willing to curtail production to meet DFCs but management is needed to be shared across the GMA. He noted that based on GAM Runs curtailment to production in POSGCD might not achieve POSGCD management goals due to continued production in BVGCD.

8. Discussion and possible actions on additional GAM Runs for use in establishing DFCs for the aquifers in GMA 12

Mr. Westbrook asked the GMA to consider what production would be reasonably expected in the GMA over the next 10 years and if adjustments could be made to the pumping file to run it again to get closer to current DFCs. Alternately the DFCs could remain the same and submit those values to TWDB.

Mr. Day stated that the pumping file yielding a DFC of 283 in the Simsboro in BVGCD is the best estimate of pumping in five to ten years for BVGCD and no further modifications

should be made to BVGCD's pumping file. Mr. Hernandez noted that LPGCD reduced production in the Simsboro in the PS4 pumping file for LPGCD to try to keep DFCs the same for their District and he understood other districts would do the same. Mr. Day stated that BVGCD was clear that pumping files submitted for PS4-2 would not be reduced and the BVGCD Best Estimate values would be used with no objections from any GMA 12 members. Mr. Westbrook noted that intent had not been understood or accomplished by others.

Mr. Van Dresar again noted FCGCD will not change their DFCs but that all GAM Runs to date indicate that impacts will continue to increase in FCGCD due to production from outside that district.

After discussion, Mr. Westbrook moved that current GAM Run PS4-2 mod v8 be run with pumping reduced straight across the board where necessary to meet current DFCs and bring back for consideration on April 27th. He was seconded by Mr. Van Dresar. After further discussion, Mr. Van Dresar rescinded his second to the motion. The motion died for lack of a second. Dr. Young suggested doing investigative runs but stressed the importance for stakeholders to understand how permits are being represented in every District. No further action was taken on this agenda item.

9. Discussion and possible action regarding existing DFCs, alternate DFC methods and parallel tracks, and expression of DFCs including methodology for determining and calculating DFCs from GAM runs and possible use of variances in GMA 12 for the fourth round of joint planning

Mr. Hernandez noted that LPGCD's numbers from their latest run now match within one foot of all other consultants. All GMA 12 consultants agreed that methodology is consistent.

Dr. Young stated that TWDB was in agreement with GMA 12 consultants on recent actions of documentation of work performed and to be submitted.

10. Declaration of non-relevant aquifers for the fourth round of joint planning for GMA 12:

- a. Trinity Aquifer in Lost Pines GCD
- b. Yegua-Jackson Aquifer in Lost Pines GCD
- c. Calvert Bluff Aquifer in Fayette County GCD
- d. Simsboro Aquifer in Fayette County GCD
- e. Hooper Aquifer in Fayette County GCD
- f. Gulf Coast Aquifer in Brazos Valley GCD

Mr. Day moved to declare the following aquifers as non-relevant for the 4th round of joint planning: Trinity Aquifer in LPGCD, Yegua-Jackson Aquifer in LPGCD, Calvert Bluff Aquifer in FCGCD, Simsboro Aquifer in FCGCD, Hooper Aquifer in FCGCD and Gulf Coast Aquifer in BVGCD. He was seconded by Mr. Bailey. The motion passed unanimously of all present.

11. Discussion and possible action on adoption of Proposed Desired Future Conditions (DFCs) for the aquifers in GMA 12 for the fourth round of joint planning:

- a. Sparta
- b. Queen City
- c. Carrizo
- d. Calvert Bluff
- e. Simsboro
- f. Hooper
- g. Yegua-Jackson Aquifer
- h. Brazos River Alluvium

This agenda item was tabled until the next meeting.

12. Update from Texas Water Development Board

Robert Bradley gave updates. 7 of the 15 GMAs have proposed their DFCs. Proposed Rules will be approved by TWDB on March 31st and posted tomorrow. Grant applications are currently in review and will go to the Board no earlier than May.

13. Public Comment on items not included on the agenda

No comments were offered.

14. Agenda items and date for next meeting

The next GMA 12 meeting will be held on April 27th at 10:00 a.m.

15. Adjourn

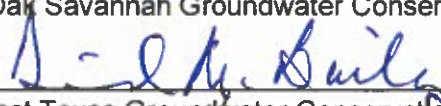
The meeting was adjourned at 1:48 p.m.

THE ABOVE MINUTES OF THE MEETING OF GROUNDWATER MANAGEMENT AREA 12 HELD ON APRIL 16, 2026 WERE APPROVED AND ADOPTED BY GMA 12 ON 4-27-26.

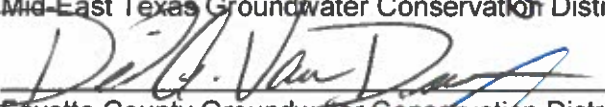
ATTEST



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