

**POST OAK SAVANNAH GROUNDWATER CONSERVATION DISTRICT  
DFC Committee  
POSGCD District Offices  
310 East Avenue C  
Milano, TX 76556  
January 8, 2019 – 3:00 p.m.**

**MINUTES**

**Directors Present**

Steven Wise  
Ed Savage  
Durwood Tucker  
Becky Goetsch

**Directors Absent**

None

**Staff Present**

Gary Westbrook  
Elaine Gerren  
Doug Box

**Others Present**

Barbara Boulware  
James Bene'  
Sidney Youngblood  
Tommy Tietjen  
Shan Rutherford  
Steve Young  
Ross Cummings  
Pat Reilly  
Paul Terrill  
Dan Fisher  
Vincent Garza  
Judith McGeary

**Entity**

The Knight Law Firm  
R W Hardin  
POSGCD  
POSGCD  
Terrill Waldrop  
Intera  
Blue Water  
Blue Water  
Terrill & Waldrop  
Land Owner  
SAWS  
Landowner

**1. Pledge of Allegiance**

Committee Chair Steven Wise led the Pledge of Allegiance

**2. Invocation**

GM Gary Westbrook gave the invocation.

**3. Call to order**

Committee Chair Steven Wise called the meeting to order at 3:05 p.m.

**4. Approved the minutes of December 6, 2018 DFC Committee Meeting**

A motion was made by committee member Durwood Tucker to approve the minutes of December 6, 2018 DFC Committee Meeting. The motion was 2<sup>nd</sup> by committee chair Steven Wise. The motion carried unanimously.

A presentation was then given by Dr. Steve Young with Intera, Inc., entitled, “Report on POSGCD DFC Committee Studies” in which agenda items 5 through 12 were discussed.

**5. Update on Hydrological Studies assigned by POSGCD to Intera, Inc.**

**A. Aquifer Storage and Recovery/Enhanced Recharge**

**B. Surface Water-Groundwater Interaction**

Dr. Young advised the committee to turn to slides 13-19 for discussion of item 5(A). The committee discussed the results of this work, with Dr. young answering questions. Next Dr. Young advised the committee to turn to slides 20-29 for discussion of item 5(B). The committee discussed the results of this work, with Dr. young answering questions. After discussion, Dr. Young reported the work on both of these topics had been completed, and a written report will be completed next month. The committee discussed the importance of the information gained from the work performed and the report to be created. No action was taken.

**6. Possible additions to Hydrologic Studies assigned by POSGCD to Intera Inc., concerning management of aquifers**

**A. Proposed Scope of Work for Defining Aquifer Boundaries in the District**

**B. Proposed Scope of Work for Identifying Sand and Clay Layers in Aquifers of the District**

Dr. Young directed the committee to slides 8-12 for this agenda item. The committee also discussed the information included on a handout concerning the proposed scope of work for both of agenda items 6 (A) and 6 (B), as well as the importance of accomplishing this work to further improve the GAM, so the science used to manage the aquifers of the District would be more complete. A motion was made by Director Becky Goetsch to recommend both scopes of work to the Board to be funded. The motion was 2<sup>nd</sup> by committee member Ed Savage. The motion carried unanimously.

**7. Review of updated Central Carrizo-Wilcox Groundwater Availability Model (GAM)**

Dr. Young led a discussion of some of the differences in the updated GAM and the previous GAM, and its uses. He also discussed the need to update the pumping files using this new GAM. No action was taken.

**8. Lost Pines GCD Report on Desired Future Conditions (DFC’s) Evaluation Runs of Groundwater Management Area 12 (GMA12)**

Dr. Young noted that Lost Pines had their consultants compile a report with this title on the newly updated GAM as their support for its improvements. Mr. Westbrook noted that this report had been accepted by the Texas Water Development Board. No action was taken.

**9. Consider Update of Pumping Files to be used for Joint Planning in GMA12 and evaluation of Compliance with DFC’s and Protective Drawdown Limits (PDL’s)**

The committee discussed the need to update the pumping files of the District which were previously considered in the last round of joint planning. It was agreed to recommend updating the files using the new GAM to the Board, and to return the results to the DFC Committee for consideration. Action on this item was taken in conjunction with agenda item 10.

**10. Consider options for expression of DFC’s and PDL’s**

Dr. Young directed the committee to slides 3-7 for this discussion. The committee then discussed the benefits of expressing DFCs and compliance with DFCs in water level as compared to Mean Sea Level (MSL). These benefits include being able to more quickly use data derived from water levels taken on

recently obtained monitoring wells instead of the necessity to wait until historic water level data had been obtained, which could take up to 10 years.

**11. Possible Changes in GMA 12 DFC's**

The discussion from agenda item 10 continued into this item, with GM Westbrook asking for guidance in representing the District in preparation for the next GMA 12 meeting scheduled for January 29. After more discussion of the benefits of changing the way the District and GMA 12 could express DFCs as water levels compared to MSL, it was agreed to recommend to the Board to proceed with this change.

**12. Texas Water Development Board Groundwater availability Model (GAM) Run 17-030 MAG**

Dr. Young directed the committee again to slides 23-29, and the committee discussed the MAGs listed in the table found on slide 20, as well as the impacts of pumping in the alluvium and adjoining aquifers, and the affects on the river to produce the amount of water shown in the MAG.

**13. GMA12 Explanatory Report's Organization and Technical Discussion**

Agenda items 13 and 14 were opened simultaneously for discussion.

**14. Approach for Developing GMA 12 Explanatory Report for next Round of Joint Planning**

GM Westbrook and Dr. Young explained the method used for developing the Explanatory Report during the last round of joint planning, including that each GCD's consultants addressed the issues faced, and comments received, by that GCD during the hearings and public comment period on the adoption of DFCs. After discussion, it was agreed to recommend to the Board to follow the same process for this current round of joint planning as followed during the past round.

After further discussion, including a summary of the items which should be recommended to the Board from the committee, a motion was made by Director Tucker to recommend to the Board to update the pumping files of the District as discussed, to recommend the District participate in compiling the Explanatory Report for GMA 12 in this round of joint planning in the same manner as the last round, and to recommend changing the way DFCs and compliance with DFCs is expressed from drawdown to water levels compared to MSL. The motion was seconded by Director Goetsch. The motion carried unanimously.

**15. Update on work with Deenville WSC on water level monitoring.**

GM Gary Westbrook stated that we have installed an acoustic device in the well and we have been gathering readings and we continue to monitor this well and area, with no changes since the last readings.

**16. Adjourn**

The Meeting adjourned at 5:00 p.m.

**THE ABOVE MINUTES OF THE DFC COMMITTEE OF THE POST OAK SAVANNAH GROUNDWATER CONSERVATION DISTRICT HELD ON JANUARY 4, 2019 WERE APPROVED AND ADOPTED BY THAT BOARD ON \_\_\_\_\_, 2019.**

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Steven Wise, Chair

**Attest:**

\_\_\_\_\_  
Gary Westbrook, General Manager

Date \_\_\_\_\_

The Post Oak Savannah Groundwater Conservation District is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the District office at 512-455-9900 at least 24 hours in advance if accommodation is needed.

<sup>1</sup> During the meeting, the Board reserves the right to go into executive session for any of the following purposes: real estate, litigation, or personnel matters under V.T.C.A., Government Code Sections 551.072, 551.071, and 551.074, respectively, or for any item on the above agenda for which an executive session is permitted by law.

<sup>1</sup> Public comments will be limited to three (3) minutes from each individual desiring to speak. The public comment period will be limited to one hour. Board members are prohibited by law from discussing matters presented under this item, except for placement on a future agenda.

DRAFT