

**POST OAK SAVANNAH GROUNDWATER CONSERVATION DISTRICT
DFC Committee
POSGCD District Offices
310 East Avenue C
Milano, TX 76556
November 6, 2018 – 3:00 p.m.**

MINUTES

Directors Present

Steven Wise
Bob Ware
Durwood Tucker

Directors Absent

Becky Goetsch

Staff Present

Gary Westbrook
Bobby Bazan
Elaine Gerren
Doug Box

Others Present

Barbara Boulware
James Bene'
Blaire Parker
Shan Rutherford
Steve Young
Ross Cummings
Pat Reilly
David Wheelock
Dan Fisher
Rebecca Boetchelder
Chris Whittaker

Entity

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

1. Pledge of Allegiance

Committee Chair Steven Wise led the Pledge of Allegiance to the flags of the United States and Texas.

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 January 9, 2018, March 6, 2018, June 5, 2018 and August 7, 2018 DFC Committee Meetings

After discussion, a motion was made by Director Robert Ware to approve the minutes of January 9, 2018, March 6, 2018, June 5, 2018 and August 7, 2018 DFC Committee Meetings. The motion was 2nd by committee member Durwood Tucker. The motion carried unanimously.

5. Consider participation in groundwater-surface water study conducted by the Texas Water Development Board.

David Wheelock of the Lower Colorado River Authority (LCRA) gave a presentation on a groundwater-surface study that is being conducted by the Texas Water Development Board (TWDB). He stated that the study will cost approximately \$150,000 and that the TWDB had funded \$75,000, LCRA would fund \$25,000 and BRA would fund \$25,000. He stated he was present on behalf of TWDB and was asking for participation from POSGCD. Committee Chair Steven Wise asked for clarification on the difference in rivers and aquifers and the benefit to the POSGCD when this study is primarily for surface water in the Colorado River. Mr. Wheelock responded, and further clarification on the benefits of this study and the similarity of applicability in the Brazos River basin were explained by Steve Young with Intera. Discussion was held by the committee. A motion was made by Director Durwood Tucker to recommend to the Board to fund \$10,000 to be disbursed over a two-year period. The motion was 2nd by committee member Robert Ware. The motion carried unanimously.

6. Update on work with Deanville WSC on water level monitoring.

Bobby Bazan gave a handout and an update on the Deanville WSC Water Levels stating that we have installed an acoustic device in the well and we have been gathering readings for 2 months now. We are waiting to get the 2nd site online due to electrical needing to be installed. We are manually updating this for now. We now have 200 wells in the monitoring system and only 4 on roadways due to spacing restraints.

7. Review Central Carrizo-Wilcox Groundwater Availability Model and it's application for evaluating Desired Future Conditions and Protective Drawdown Limits

A. Calculated Desired Future Conditions and Protective Drawdown Limits

B. Pumping impacts on Surface Water-Groundwater interaction

C. Calculated water levels from monitoring data

A presentation was given by Steve Young with Intera, entitled, "Review of Desired Future Conditions and Protective Drawdown Limits for Sparta, Queen City, and Carrizo-Wilcox Aquifers". GM Westbrook noted the importance of the District remaining involved through Intera on work being done. The committee agreed that Intera's continued involvement is important. No action was taken.

8. Consider options for expression of Desired Future Conditions and Protective Drawdown limits.

GM Gary Westbrook reported on recent discussions at the GMA 12 by all members about converting expression of DFCs and PDLs from drawdown to water levels compared to mean sea level. He asked if the committee desired his continued discussion and pursuit in this exercise moving forward in the next round of joint planning, and reminded that a change would require Board action. After discussion, the committee agreed he should continue to develop this methodology in conjunction with the other GCDs in GMA 12 and return to the DFC Committee and Board with further information.

9. Update on Hydrological Studies assigned by POSGCD to Intera, Inc., including, but not limited to Aquifer Storage, and Recovery and Groundwater-Surface Water interaction.

A presentation was given by Steve Young with Intera, entitled, "Status Update on Research Project". GM Westbrook noted that Intera was approximately 80% complete on the tasks assigned to them for

2018. Dr. Young stated that some of the final results would be available by year's end, while some would be available early in 2019.

10. Possible additions to Hydrologic Studies assigned by POSGCD to Intra Inc., concerning future management of aquifers

After discussion, the committee agreed to instruct Intra, to proceed with studies using the updated GAM concerning conversion of expressing DFCs and PDLs from draw down to water levels, groundwater-surface water interaction, and impacts of the current pumping file on aquifer conditions. It was also agreed that item 10 should be kept on the Agenda for the next meeting. No action was taken.

11. Adjourn

The Meeting adjourned at 5:08 p.m.

THE ABOVE MINUTES OF THE DFC COMMITTEE OF THE POST OAK SAVANNAH GROUNDWATER CONSERVATION DISTRICT HELD ON NOVEMBER 6, 2018 WERE APPROVED AND ADOPTED BY THAT BOARD ON _____, 2018.

Steven Wise, Chair

Attest:

Gary Westbrook, General Manager

Date _____