

GMA-12 Meeting

May 26, 2010

Milano Community and Civic Center

Revised POSGCD Preliminary Desired Future Conditions Statement

Table 1 lists the preliminary DFCs that Post Oak Savannah Groundwater Conservation District submitted to GMA-12 on June 24, 2009

**Table 1: Preliminary POSGCDs DFCs Submitted to GMA-12 in June 2009**

Aquifer	Average Drawdown (ft) Across the District from 2000 to 2060
Sparta	30
Queen City	40
Carrizo	120
Calvert Bluff	150
Simsboro	300
Hooper	180

The POSGCD DFC committee developed the average drawdown in Table 1 using a methodology that has been explained in several POSGCD meetings and using the aquifer conditions listed in Table 2.

**Table 2. Assumed Aquifer Conditions Used to Develop  
Preliminary DFCs in February 2009**

Aquifer	Assumed Aquifer Conditions		
	Average Drawdown in Unconfined Area	% Decline in Artesian Pressure in Confined Area	Maximum Drawdown in Confined Area
Sparta	10	0.25	35
Queen City	10	0.25	55
Carrizo	20	0.25	150
Calvert Bluff	20	0.25	200 to 250
Simsboro	20	0.25	400 to 450
Hooper	20	0.25	200 to 250

Since June 2009, GMA-12 consultants used the QCSCW GAM to check the compatibility among the preliminary DFCs submitted by its member districts. Based on a discussion of these results presented by URS, the POSGCD Board voted on February 9<sup>th</sup>, 2010 to reaffirm the preliminary DFCs for four of the five aquifers in Table 1 and to change the preliminary DFCs for the Carrizo from 150 of drawdown to 70 feet of drawdown. As a result of this change, POSGCD is submitting the revised set of preliminary DFCs in Table 3 to GMA-12.

**Table 3: Revised Set of Preliminary POSGCDs DFCs Submitted to  
GMA-12 in February 2010**

Aquifer	Average Drawdown (ft) Across the District from 2000 to 2060
Sparta	30
Queen City	40
Carrizo	70
Calvert Bluff	150
Simsboro	300
Hooper	180