

**NOTICE OF PUBLIC HEARINGS  
UPPER TRINITY GROUNDWATER CONSERVATION DISTRICT**

**100 E Pearl Street  
Granbury, TX 76048  
Monday, May 16,  
Public Hearing begins at 5:00 PM**

**413 Pelham Street  
Bowie, TX 76230  
Monday, June 20, 2016  
Public Hearing begins at 5:00 PM**

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**PUBLIC HEARING ON PROPOSED DESIRED FUTURE CONDITIONS**

Notice is hereby given that Upper Trinity Groundwater Conservation District, which is located wholly or partially within Groundwater Management Area (GMA) 8, as designated by the Texas Water Development Board (TWDB), consisting of the Central Texas Groundwater Conservation District, Clearwater Underground Water Conservation District, Middle Trinity Groundwater Conservation District, North Texas Groundwater Conservation District, Northern Trinity Groundwater Conservation District, Post Oak Savannah Groundwater Conservation District, Prairielands Groundwater Conservation District, Red River Groundwater Conservation District, Saratoga Underground Water Conservation District, Southern Trinity Groundwater Conservation District, will hold a public hearing as specified below.

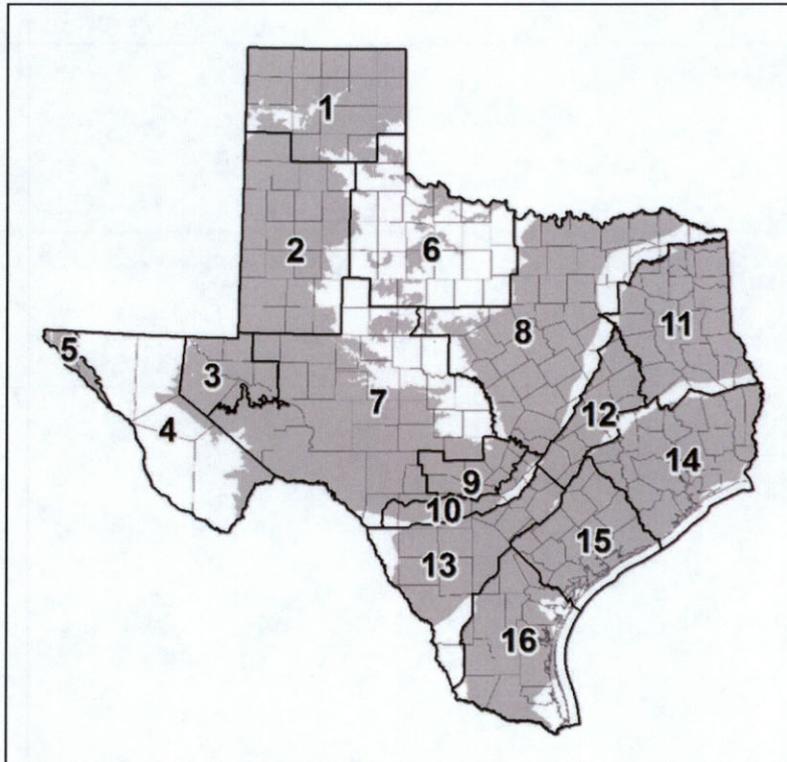
1. Welcome guests and members of the public.
2. Roll call, establish a quorum, call hearing to order; declare the hearing open to the public.
3. Pledges of allegiance to the flags.
4. Update, discussion and receive public comments regarding proposed Desired Future Conditions ("DFCs") for the Trinity Aquifer in Hood, Montague, Parker, and Wise Counties, Texas in accordance with Section 36.108(d-2) of the Texas Water Code.

The proposed DFCs, as approved by the District Representatives of GMA 8 are expressed in terms of average drawdown in feet from 2010 through 2070 for each of the defined aquifers within the Trinity Aquifer Group (Woodbine, Paluxy, Glen Rose, Twin Mountains, Travis Peak, Hensell, Hosston and Antlers).

5. Adjourn or continue Public Hearing.

# What are Groundwater Management Areas and Desired Future Conditions?

- A groundwater management area (GMA) is a geographic area suitable for the management of groundwater resources.
- TWDB designated 16 GMAs across the state that include all major and minor aquifers.
- The boundaries of the GMAs generally coincide with the hydrologic features of the state's major aquifers.
- Upper Trinity GCD is located in GMA 8.
- Beginning in 2005, the GCDs in each management area are charged with engaging in joint planning and developing Desired Future Conditions (DFCs) for the aquifers.
- A desired future condition (DFC) is a quantitative description, adopted in accordance with Section 36.108 of the Texas Water Code, which represents an acceptable physical state of the aquifer, or subdivisions of the aquifer, at some point in the future. In this case, the DFC represents acceptable future water level declines.



\*The Antlers, Paluxy, Glen Rose, Twin Mountains, Hensell & Hosston are the subdivisions or “layers” of the Trinity Aquifer Group.

**In the downdip of the Trinity Aquifer (to the south and east of Wise Co.), the subdivisions of the Trinity Aquifer group exist as:** Paluxy – predominantly water sands, Glen Rose – predominantly limestone, Hensell and Hosston – predominantly water sands (often referred to as “the Trinity”) the Hensell and Hosston are separated by a layer of shale referred to as the Pearsall.

**In Wise Co.** the Glenrose and Pearsall are predominantly water sands. Thus, in this area geologists group all the subdivisions of the Trinity Group together and refer to them collectively as The Antlers.

**Proposed DFCs Shown on a County Wide Scale (drawdown in feet by 2070)**

County	Twin					
	Antlers	Paluxy	Glen Rose	Mountains	Hensell	Hosston
Hood		5	9	25	43	141
Montague	18					
Parker	11	4	22	34		
Wise	45					

**Pumping Output Associated with Proposed DFCs (MAG)**

County	Twin					
	Antlers	Paluxy	Glen Rose	Mountains	Hensell	Hosston
Hood		159	756	11,429	36	53
Montague	3,878					
Parker	2,899	2,659	3,164	3,151		
Wise	9,741					

The figures above are shown in acre-feet per year. An acre foot is equal to 325,851 gallons.

- The Modeled Available Groundwater or MAG is the amount of water that the simulated model run estimates can be pumped each year and achieve the Proposed DFC
- Represents a 30% increase over estimated 2010 pumping

## Wise County Groundwater Pumping

\*Estimated Exempt Use represents an estimate of the amount of water pumped by private individual wells. The estimated exempt pumping in the figure shows the current amount of water used for private wells, it can be expected to increase over time.

Values below are shown in acre feet per year. An Acre foot of water is equal to 325,851 gallons.

