

**GROUNDWATER MANAGEMENT AREA 15
PROPOSED DESIRED FUTURE CONDITIONS**

Groundwater Management Area 15 proposes Desired Future Conditions (DFCs) as average drawdowns that occur between January 2000 and December 2069 for the following:

Gulf Coast Aquifer System – represents an average drawdown for the Chicot Aquifer, the Evangeline Aquifer, the Burkeville Confining Unit, and the Jasper aquifer that is weighted by the area of each hydrogeological unit in the Central Gulf Coast Aquifer GAM (Chowdhury and others, 2004).

Chicot and Evangeline aquifers – represents an average drawdown for the Chicot Aquifer and the Evangeline Aquifer that is weighted by the area of each hydrogeological unit in the Central Gulf Coast Aquifer GAM (Chowdhury and others, 2004).

Jasper Aquifer- represents an average drawdown for the area of the Jasper Aquifer in the Central Gulf Coast Aquifer GAM (Chowdhury and others, 2004).

Groundwater Management Area 15 proposes Desired Future Conditions for each county within the groundwater management area (county-specific DFCs) and proposes a Desired Future Condition for the counties in the groundwater management area (gma-specific DFC). The Desired Future Condition for the counties in the groundwater management area shall not exceed an average drawdown of 13 feet for the Gulf Coast Aquifer System at December 2069. Desired Future Conditions for each county within the groundwater management area (county-specific DFCs) shall not exceed the values specified in Table A-1 at December 2069.

Table A-1. Proposed Desired Future Conditions for GMA 15 Expressed as an Average Drawdown between January 2000 and December 2069.

County	Chicot and Evangeline	Jasper	Gulf Coast Aquifer System
ARANSAS ¹	NPDFC	NPDFC	0
BEE	NPDFC	NPDFC	7
CALHOUN	NPDFC	NPDFC	5
COLORADO	17	23	NPDFC
DEWITT	NPDFC	NPDFC	17
FAYETTE	NPDFC	NPDFC	16
GOLIAD	NPDFC	NPDFC	10
JACKSON	NPDFC	NPDFC	15
KARNES ²	NPDFC	NPDFC	22
LAVACA	NPDFC	NPDFC	18
MATAGORDA ¹	11	NPDFC	NPDFC
REFUGIO	NPDFC	NPDFC	5
VICTORIA	NPDFC	NPDFC	5
WHARTON ¹	15	NPDFC	NPDFC

NPDFC - No Proposed DFC

¹ Burkeville and Jasper are not relevant

² Chicot is not relevant

References:

Chowdhury, A. Wade, S., Mace, R.E., and Ridgeway, C., 2004, Groundwater Availability of the Central Gulf Coast Aquifer System: Numerical Simulations through 1999: Texas Water Development Board, unpublished report.