

**RESOLUTION TO ADOPT DESIRED FUTURE CONDITIONS  
FOR GROUNDWATER MANAGEMENT AREA 15 AQUIFERS**

**STATE OF TEXAS  
GROUNDWATER  
MANAGEMENT AREA 15**

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**RESOLUTION # 2016-01**

WHEREAS, Texas Water Code § 36.108 requires the Groundwater Conservation Districts located whole or in part in a Groundwater Management Area ("GMA") designated by the Texas Water Development Board to adopt desired future conditions for the relevant aquifers located within the management area;

WHEREAS, the Groundwater Conservation Districts located wholly or partially within Groundwater Management Area 15 ("GMA 15"), as designated by the Texas Water Development Board, as of the date of this resolution are as follows:

Aransas County Groundwater Conservation District, Bee Groundwater Conservation District, Calhoun County Groundwater Conservation District, Coastal Bend Groundwater Conservation District, Coastal Plains Groundwater Conservation District, Colorado County Groundwater Conservation District, Corpus Christi Aquifer Storage and Recovery Conservation District, Evergreen Underground Water Conservation District, Fayette County Groundwater Conservation District, Goliad County Groundwater Conservation District, Pecan Valley Groundwater Conservation District, Refugio Groundwater Conservation District, Texana Groundwater Conservation District, and Victoria County Groundwater Conservation District ;

WHEREAS, the Board Presidents or their Designated Representatives of districts in GMA 15 have met at various meetings and conducted joint planning in accordance with Chapter 36.108, Texas Water Code since September 2005 and;

WHEREAS, GMA 15, having given proper and timely notice, held an open meeting of the GMA 15 Member Districts on April 29, 2016 and;

WHEREAS, GMA 15 has solicited and considered public comment at specially called Public Meetings, including the meeting on April 29, 2016 and;

WHEREAS, the GMA 15 Member Districts received and considered technical advice regarding local aquifers, hydrology, geology, recharge characteristics, local groundwater demands and usage, population projections, ground and surface water inter-relationships, and other considerations that affect groundwater conditions and;

WHEREAS, following public discussion and due consideration of the current and future needs and conditions of the aquifers in question, the current and projected groundwater demands, and the potential effects on springs, surface water, habitat, and water-

dependent species through the year 2069, GMA 15 Member Districts have analyzed drawdown estimations from numerous pumping scenarios using the Central Gulf Coast Groundwater Availability Model and have voted on a motion made and seconded to adopt a Desired Future Condition (DFC) stated as follows:

Groundwater Management Area 15 adopts 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 adopts Desired Future Conditions for each county within the groundwater management area (county-specific DFCs) and adopts 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. Desired Future Conditions for GMA 15 expressed as an Average Drawdown between January 2000 and December 2069.

Aransas County: 0 feet of drawdown of the Gulf Coast Aquifer System;  
Bee County: 7 feet of drawdown of the Gulf Coast Aquifer System;  
Calhoun County: 5 feet of drawdown of the Gulf Coast Aquifer System;  
Colorado County: 17 feet of drawdown of the Chicot and Evangeline Aquifers and 23 feet of drawdown of the Jasper Aquifer;  
Dewitt County: 17 feet of drawdown of the Gulf Coast Aquifer System;  
Fayette County: 16 feet of drawdown of the Gulf Coast Aquifer System;  
Goliad County: 10 feet of drawdown of the Gulf Coast Aquifer System;  
Jackson County: 15 feet of drawdown of the Gulf Coast Aquifer System;  
Karnes County: 22 feet of drawdown of the Gulf Coast Aquifer System;  
Lavaca County: 18 feet of drawdown of the Gulf Coast Aquifer System;  
Matagorda County: 11 feet of drawdown of the Chicot and Evangeline Aquifers;




Refugio County: 5 feet of drawdown of the Gulf Coast Aquifer System;  
Victoria County: 5 feet of drawdown of the Gulf Coast Aquifer System;  
Wharton County: 15 feet of drawdown of the Chicot and Evangeline Aquifers.

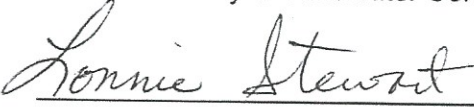
NOW THEREFORE BE IT RESOLVED, that the Groundwater Management Area 15 Member Districts do hereby document, record and confirm a Desired Future Condition stated above was adopted by all member districts present.

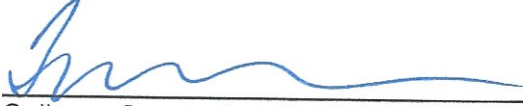
AND IT IS SO ORDERED.

PASSED AND ADOPTED on this 29th day of April 2016.

ATTEST:

 Tom Cullen  
Aransas County Groundwater Conservation District

 Lonnie Stewart  
Bee County Groundwater Conservation District

 Tim Andruss  
Calhoun County Groundwater Conservation District

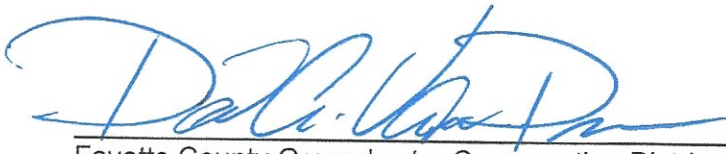
 Neil Hudgins  
Coastal Bend Groundwater Conservation District

 Neil Hudgins  
Coastal Plains Groundwater Conservation District

 James E. Brasher  
Colorado County Groundwater Conservation District

Corpus Christi Aquifer Storage and Recovery Conservation District

 Russell Labus  
Evergreen Underground Water Conservation District



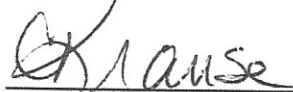
Fayette County Groundwater Conservation District

DAVID A. VAL PRESAR



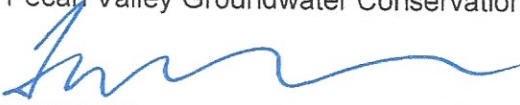
ART A. DOHMANN

Goliad County Groundwater Conservation District



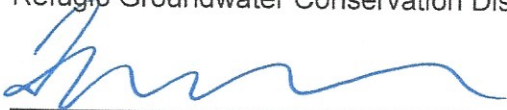
Charlotte Krause

Pecan Valley Groundwater Conservation District



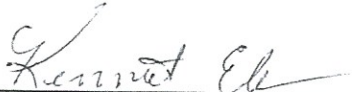
TIM ANDRUS

Refugio Groundwater Conservation District



TIM ANDRUS

Texana Groundwater Conservation District



K. ELLER

Victoria County Groundwater Conservation District