

RESOLUTION 2016-2

**RESOLUTION TO ADOPT DESIRED FUTURE CONDITIONS
FOR RELEVANT AQUIFERS IN
GROUNDWATER MANAGEMENT AREA 1**

THE STATE OF TEXAS

§

GROUNDWATER MANAGEMENT AREA 1

§

GROUNDWATER CONSERVATION DISTRICTS

§

§

§

RECITALS

The groundwater conservation districts located wholly or partially within Groundwater Management Area 1 ("GMA 1"), as designated by the Texas Water Development Board ("TWDB"), as of the date of this resolution are as follows: the Hemphill County Underground Water Conservation District, the High Plains Underground Water Conservation District No.1, the North Plains Groundwater Conservation District, and the Panhandle Groundwater Conservation District. (collectively hereinafter "the GMA 1 Districts");

The GMA 1 Districts are each political subdivisions of the State of Texas and are primarily governed by Texas Water Code Chapter 36;

The GMA 1 Districts desire to fulfill the requirements of Texas Water Code Section 36.108 through mutual cooperation and joint planning efforts;

The GMA 1 Districts are required by Texas Water Code Chapter 36, to engage in joint planning activities for the coordinated management of the aquifers located in GMA 1, and establish Desired Future Conditions (DFCs) for the relevant aquifers within GMA 1;

The GMA 1 Districts have held numerous public meetings, including public hearings and stakeholder meetings to receive input from stakeholders within GMA 1;

The GMA 1 Districts have also engaged in joint-planning efforts to promote comprehensive management of the aquifers located in whole, or in part, in GMA 1;

GMA 1 held public meetings on, November 8, 2011; August 9, 2012; July 23, 2013; November 7, 2013; February 21, 2014; April 11, 2014; May 30, 2014; August 19, 2014; November 6, 2014; February 18, 2015; August 23, 2015; February 25, 2016; March 17,

11/2/2016

2016; April 20, 2016; October 5, 2016, and November 2, 2016, specifically to consider and establish the DFCs for GMA 1 under Texas Water Code Section 36.108(d);

The TWDB, with the assistance of INTERA, Inc., has prepared a report for HPAS 11-15 and subsequent predictive runs for the aquifers in the GMA 1 joint-planning area;

GMA 1 Districts have considered the following factors, listed in Texas Water Code Section 36.108(d)(1 – 9), in establishing DFCs for the relevant aquifers:

- (1) aquifer uses or conditions within the management area, including conditions that differ substantially from one geographic area to another;
- (2) the water supply needs and water management strategies included in the state water plan;
- (3) hydrological conditions, including for each aquifer in the management area the total estimated recoverable storage as provided by the TWDB Executive Administrator and the average annual recharge, inflows, and discharge;
- (4) other environmental impacts, including impacts on spring flow and other interactions between groundwater and surface water;
- (5) the impact of subsidence;
- (6) socioeconomic impacts reasonably expected to occur;
- (7) the impact on the interests and rights in private property, including ownership and the rights of management area landowners and their lessees and assigns in groundwater as recognized under Texas Water Code Section 36.002;
- (8) the feasibility of achieving the DFCs; and
- (9) any other information relevant to the specific DFCs;

After considering the factors listed above, the GMA 1 Districts may establish different DFCs for: (1) each aquifer, subdivision of an aquifer, or geologic strata located in whole or in part within the boundaries of GMA 1; or (2) each geographic area overlying an aquifer in whole or in part or subdivision of an aquifer within the boundaries of GMA 1 [Texas Water Code Section 36.108(d-1)];

The DFCs adopted herein provide a balance between the highest practicable level of groundwater production and the conservation, preservation, protection, recharging, and prevention of waste of groundwater in the management area;

11/2/2016

The Ogallala Aquifer and the Rita Blanca Aquifer are combined for joint-planning purposes, any references to the "Ogallala Aquifer" in this document shall also include and apply to any groundwater in the Rita Blanca Aquifer in GMA 1;

The GMA 1 Districts each held public hearings and received public comment for 90 days in accordance with Texas Water Code Section 36.108(d-2), beginning May 13, 2016 and ending August 15, 2016;

The GMA 1 Districts recognize that GMA 1 includes a geographically and hydrologically diverse area with a variety of land uses and a diverse mix of water users;

All four of the GMA 1 Districts had a voting representative in attendance at the November 2, 2016, meeting in accordance with Texas Water Code Section 36.108;

The GMA 1 Districts, by adoption of this resolution, meet the requirements of Texas Water Code Section 36.108, and establish "desired future conditions for the relevant aquifers" within GMA 1; and,

All notice requirements for this meeting on November 2, 2016 to consider adopting the relevant DFCs, as described herein for GMA 1, have been, and are, satisfied.

RESOLUTION

NOW, THEREFORE, BE IT RESOLVED AND IT IS HEREBY RESOLVED BY THE AUTHORIZED VOTING REPRESENTATIVES OF THE GMA 1 DISTRICTS, THAT:

1. All of the above recitals are true and correct.
2. The GMA 1 Districts and their agents and representatives, individually and collectively, are further authorized to take any and all actions necessary to implement this resolution.
3. Proposed DFCs were established on April 20, 2016 by GMA 1 and each Member District complied with Texas Water Code Section 36.108(d-2), , by receiving public comment during a 90 day public comment period and holding at least one (1) public hearing regarding the proposed DFCs.
4. All 9 Factors cited in Texas Water Code Section 36.108(d) have been considered and documented for the relevant aquifers in GMA 1.
5. The authorized voting representatives of the GMA 1 Districts adopt this resolution establishing the following Desired Future Condition for the Ogallala Aquifer in the GMA 1 joint-planning area from estimated 2012 year conditions:

11/2/2016

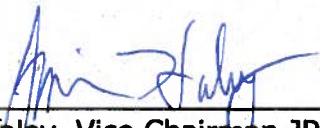
- At least 40 percent of volume in storage remaining in 50 years, for the period 2012 – 2062 collectively in Dallam, Hartley, Moore, and Sherman Counties;
 - At least 50 percent of volume in storage remaining in 50 years, for the period 2012 – 2062 collectively in Hansford, Lipscomb, and Ochiltree Counties and that portion of Hutchinson County within North Plains GCD.
 - At least 50 percent of volume in storage remaining in 50 years, for the period 2012 - 2062 in Carson, Donley, Gray, Hutchinson, Oldham, Roberts, and Wheeler Counties; and portions of Armstrong and Potter Counties within the Panhandle District;
 - At least 80 percent of volume in storage remaining in 50 years for the period 2012 - 2062, within the Hemphill County District;
 - Approximately 20 feet of total average drawdown in 50 years for the period 2012 -2062, collectively in Randall County and in Armstrong and Potter Counties within the High Plains District.
6. The authorized voting representatives of the GMA 1 Districts adopt this resolution establishing the following Desired Future Condition for the Dockum Aquifer in the GMA 1 Joint Planning Area:
- At least 40 percent of the available drawdown remaining in 50 years for the period 2012 -2062 collectively for Dallam, Hartley, Moore, and Sherman Counties
 - No more than 30 feet average decline in water levels in 50 years for the period 2012 -2062 collectively in Carson and Oldham Counties and in Armstrong and Potter Counties within the Panhandle District; and
 - The total average drawdown is approximately 40 feet in 50 years for the period 2012 -2062, collectively in Randall County, and in Armstrong and Potter Counties within the High Plains District.
7. The authorized voting representatives have designated the Blaine Aquifer where it occurs in Wheeler County as non-relevant for the purposes of joint planning.

PASSED AND APPROVED BY A VOTE OF ___ TO ___ OF THE VOTING MEMBERS OF THE GROUNDWATER MANAGEMENT AREA 1 JOINT PLANNING COMMITTEE THIS 2nd DAY OF NOVEMBER, 2016.

11/2/2016



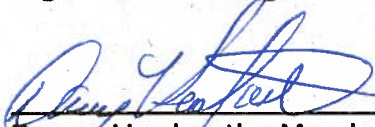
Bob Zimmer, Chairman Joint Planning Committee (JPC)
President, Board of Directors
North Plains Groundwater Conservation District



Jim Haley, Vice Chairman JPC
President, Board of Directors
Hemphill County Underground Water Conservation District



Lynn Tate, Secretary JPC
President, Board of Directors
High Plains Underground Water Conservation District



Danny Hardcastle, Member JPC
President, Board of Directors
Panhandle Groundwater Conservation District

ATTACHMENTS

Copies of notices of November 2, 2016 meeting