

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

THE STATE OF TEXAS	§
	§
GROUNDWATER MANAGEMENT AREA 1	§
	§
GROUNDWATER CONSERVATION DISTRICTS	§

**WHEREAS**, Texas Water Code § 36.108 requires the groundwater conservation districts located in 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 1 (“GMA 1”), as designated by the Texas Water Development Board, as of the date of this resolution are as follows: the Hemphill County Underground Water Conservation District, the High Plains Underground Water Conservation District, the North Plains Groundwater Conservation District, and the Panhandle Groundwater Conservation District. (collectively hereinafter “the GMA 1 Districts”);

**WHEREAS**, the GMA 1 Districts are each governmental agencies and bodies politic and corporate operating under Chapter 36, Water Code;

**WHEREAS**, the GMA 1 Districts desire to fulfill the requirements of Texas Water Code §36.108 through mutual cooperation and joint planning efforts;

**WHEREAS**, the GMA 1 Districts have had numerous public meetings, including stakeholder meetings for the specific purpose of receiving comments and input from stakeholders within GMA 1, and they have engaged in joint planning efforts to promote comprehensive management of the aquifers located in whole or in part in Groundwater Management Area 1;

**WHEREAS**, GMA 1 held meetings on October 23, 2018; January 11, 2019; March 28, 2019; August 26, 2019; October 28, 2019; December 12, 2019; February 18, 2020; May 21, 2020; June 25, 2020; July 23, 2020; September 24, 2020; November 19, 2020; January 21, 2021; and February 18, 2021 in compliance with its statutory duty to publically consider the desired future conditions considerations listed in § 36.108(d);

**WHEREAS**, the GMA 1 Districts have considered the following factors, listed in §36.108(d), in establishing the proposed desired future conditions for the aquifer(s), set forth under Appendix B:

- (1) groundwater availability models and other data or information for the management area;
- (2) aquifer uses or conditions within the management area, including conditions that differ substantially from one geographic area to another;

- (3) the water supply needs and water management strategies included in the state water plan;
- (4) hydrological conditions, including for each aquifer in the management area the total estimated recoverable storage as provided by the Texas Water Development Board Executive Administrator and the average annual recharge, inflows, and discharge;
- (5) other environmental impacts, including impacts on spring flow and other interactions between groundwater and surface water;
- (6) the impact of subsidence;
- (7) socioeconomic impacts reasonably expected to occur;
- (8) 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 §36.002;
- (9) the feasibility of achieving the desired future conditions; and
- (10) any other information relevant to the specific desired future conditions;

**WHEREAS**, the proposed desired future conditions 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;

**WHEREAS**, a Draft Explanatory Report of the Proposed Desired Future Conditions (Attachment B) considerations related to each factor required by Texas Water Code §36.108 has been developed and shall be made available to each GMA 1 District and the general public for review and comment.

**WHEREAS**, the GMA 1 has classified the Blaine Aquifer and Seymour Aquifer as non-relevant to this joint planning process in the GMA 1 Joint Planning Area.

**WHEREAS**, the Ogallala Aquifer and the Rita Blanca Aquifer are combined for these 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 those portions of GMA 1;

**WHEREAS**, after considering the factors listed in Texas Water Code 36.108(d), the GMA 1 Districts may establish different desired future conditions 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;

**WHEREAS**, 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;

**WHEREAS**, at least two-thirds of the GMA 1 Districts had a voting representative in attendance at the February 18, 2021 meeting in accordance with Section 36.108, Texas Water Code; and;

**WHEREAS**, it is the intent and purpose of the GMA 1 Districts, by adoption of this resolution, to meet the requirements of Texas Water Code §36.108, and establish proposed “desired future conditions for the relevant aquifers” within GMA 1;

**NOW, THEREFORE, BE IT RESOLVED BY THE AUTHORIZED VOTING REPRESENTATIVES OF THE GMA 1 DISTRICTS AS FOLLOWS:**

1. 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. The desired future conditions of the aquifer(s) proposed by the GMA 1 Districts and Draft Explanatory Report of Proposed Desired Future Conditions attached hereto shall be sent to the GMA 1 Districts to commence the 90-day public comment and hearing period required by Section 36.108(d-2), Texas Water Code.
4. The members of GMA 1 affirm that the GMA 1 has classified the Blaine Aquifer and Seymour Aquifer as non-relevant to this joint planning process in the GMA 1 Joint Planning Area

**5. The authorized voting representatives of the GMA 1 Districts adopt this resolution establishing the following Proposed Desired Future Conditions for the aquifers in the GMA 1 Joint Planning Area:**

Ogallala (Inclusive of Rita Blanca) Aquifer:

- At least 40 percent of volume in storage remaining for each 50-year period between 2018 and 2080 in Dallam, Hartley, Moore, and Sherman counties;
- At least 50 percent of volume in storage remaining for each 50-year period between 2018 and 2080 in Hansford, Hutchinson, Lipscomb, Ochiltree, Carson, Donley, Gray, Roberts, Wheeler, and Oldham Counties; and within the Panhandle District portions of Armstrong and Potter Counties;
- At least 80 percent of volume in storage remaining for each 50-year period between 2018 and 2080 in Hemphill County;
- Approximately 20 feet of total average drawdown for each 50-year period between 2012 and 2080 in Randall County and within High Plains District in Armstrong and in Potter Counties.

Dockum Aquifer:

- At least 40 percent of the average available drawdown remaining for each 50-year period between 2018 and 2080 for Dallam, Hartley, Moore, and Sherman Counties
- No more than 30 feet average decline in water levels for each 50-year period between 2018 and 2080 in Oldham and Carson Counties and the Panhandle District portions of Potter and Armstrong Counties; and

- Approximately 40 feet average decline in water levels for each 50-year period between 2012 and 2080 in Randall County and within High Plains District in Armstrong and Potter Counties.

PASSED AND APPROVED BY A VOTE OF 4 TO 0 OF THE VOTING MEMBERS OF THE GROUNDWATER MANAGEMENT AREA 1 JOINT PLANNING COMMITTEE THIS 18<sup>th</sup> DAY OF MARCH, 2021.

ATTEST:

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Bob Zimmer  
North Plains Groundwater Conservation District

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Tom Isaacs  
Hemphill County Underground Water Conservation District

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Lynn Tate  
High Plains Underground Water Conservation District

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Danny Hardcastle  
Panhandle Groundwater Conservation District

#### ATTACHMENTS

Appendix A: Copies of notices of March 18, 2021 meeting

Appendix B: Draft Explanatory Report of Proposed Desired Future Conditions