

**RESOLUTION TO ADOPT DESIRED FUTURE CONDITIONS  
FOR AQUIFERS IN GROUNDWATER MANAGEMENT AREA 11**

THE STATE OF TEXAS

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GROUNDWATER MANAGEMENT AREA 11

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GROUNDWATER CONSERVATION DISTRICTS

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**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 11 (“GMA 11”), as designated by the Texas Water Development Board, as of the date of this resolution are as follows: Neches & Trinity Valleys Groundwater Conservation District, Panola County Groundwater Conservation District, Pineywoods Groundwater Conservation District, Rusk County Groundwater Conservation District (collectively hereinafter “the GMA 11 Districts”);

**WHEREAS**, the GMA 11 Districts are each governmental agencies and bodies politic and corporate operating under Chapter 36, Water Code;

**WHEREAS**, the GMA 11 Districts desire to fulfill the requirements of Texas Water Code §36.108 through mutual cooperation and joint planning efforts;

**WHEREAS**, the GMA 11 Districts have had numerous public meetings, including stakeholder meetings for the specific purpose of receiving comments and input from stakeholders within GMA 11, 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 11;

**WHEREAS**, the GMA 11 Districts have considered the following factors, listed in §36.108(d), in establishing the desired future conditions for the aquifer(s),

- (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 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**, after considering the factors listed in 36.108(d), Texas Water Code, the GMA 11 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 11; or (2) each geographic area overlying an aquifer in whole or in part or subdivision of an aquifer within the boundaries of GMA 11;

**WHEREAS**, the GMA 11 Districts recognize that GMA 11 includes a geographically and hydrologically diverse area with a variety of land uses and a diverse mix of water users;

**WHEREAS**, the GMA 11 Districts voted to propose desired future conditions based on Scenario 33 documented in Technical Memorandum 21-01, at a meeting on April 28, 2021, followed by a 90-day public comment period during which no comments were received, and;

**WHEREAS**, it is the intent and purpose of the GMA 11 Districts, by adoption of this resolution, to meet the requirements of Texas Water Code §36.108, and establish “desired future conditions for the relevant aquifers” within GMA 11 for the Sparta, Queen City, and Carrizo-Wilcox aquifers as described in Table 1, attached hereto and incorporated herein for all purposes;

**WHEREAS**, it is the intent and purpose of the GMA 11 Districts, by adoption of this resolution, to meet the requirements of Texas Water Code §36.108, and declare that the following aquifers are classified as not relevant for the purposes of joint planning; Gulf Coast, Nacatoch, Trinity, and Yegua-Jackson aquifers;

WHEREAS, at the August 11, 2021 GMA 11 meeting, after a motion was duly made and seconded, the GMA 11 Districts adopt this resolution establishing desired future conditions for the aquifer(s) described in Table 1 by unanimous vote.

**NOW, THEREFORE, BE IT RESOLVED BY THE AUTHORIZED VOTING REPRESENTATIVES OF THE GMA 11 DISTRICTS AS FOLLOWS:**

1. The above recitals are true and correct.
2. The authorized voting representatives of the GMA 11 Districts hereby establish the desired future conditions of the aquifer(s) as set forth in Table 1 by unanimous vote reflected in the above recitals.
3. The GMA 11 Districts and their agents and representatives, individually and collectively, are further authorized to take all actions necessary to implement this resolution.

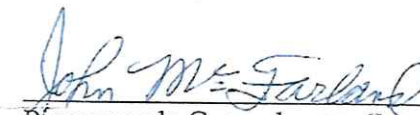
AND IT IS SO ORDERED.


PASSED AND ADOPTED on this 11th day of August, 2021.

ATTEST:

  
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Neches & Trinity Valleys Groundwater Conservation District

  
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Panola County Groundwater Conservation District

  
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Pineywoods Groundwater Conservation District

  
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Rusk County Groundwater Conservation District

**Table 1**  
**Desired Future Conditions for Each County-Aquifer Unit in GMA 11**  
**Expressed at Average Drawdown from 2013 to 2080 (ft)**

County	2013-2080 Average Drawdown (ft) Scenario 33, TM 21-01		
	Sparta Aquifer	Queen City Aquifer	Carrizo-Wilcox Aquifer
Anderson	30	44	155
Angelina	6	28	67
Bowie			12
Camp		11	85
Cass	66	34	79
Cherokee	7	31	176
Franklin			102
Gregg		49	109
Harrison		41	26
Henderson		33	106
Hopkins			61
Houston	3	12	86
Marion	123	32	32
Morris		39	78
Nacogdoches	7	22	73
Panola			21
Rains			17
Rusk	26	17	86
Sabine	1	3	9
San Augustine	2	7	22
Shelby	18	12	17
Smith	121	132	265
Titus		9	66
Trinity	5	18	56
Upshur	10	30	149
Van Zandt		73	55
Wood	9	16	122