

STATE OF TEXAS §
§
COUNTIES OF BEXAR, §
CALDWELL, COMAL, §
GUADALUPE, HAYS, KINNEY, §
MEDINA, TRAVIS, AND §
UVALDE §

RESOLUTION #
GMA 10 2021-10-26

THE DISTRICT REPRESENTATIVES OF GROUNDWATER MANAGEMENT AREA

10

**CONSIDERING A RESOLUTION TO ADOPT DESIRED FUTURE CONDITIONS FOR
EACH OF THE AQUIFERS IN GMA 10 RELEVANT FOR JOINT PLANNING
PURPOSES**

WIHEREAS, the District Representatives of Groundwater Management Area (GMA) 10 comprises representatives designated by each of the Groundwater Conservation Districts (GCDs) located wholly or partially within the boundaries of GMA 10, as defined by the Texas Water Development Board: Barton Springs/Edwards Aquifer Conservation District, Comal Trinity GCD, Edwards Aquifer Authority, Kinney County GCD, Medina County GCD, Plum Creek Conservation District, and Uvalde County Underground Water Conservation District; and

WHEREAS, Chapter 36.108 of the Texas Water Code requires that the representatives of the GCDs in GMA 10 jointly conduct prescribed groundwater planning to establish relevant and non-relevant aquifers for joint planning purposes and to propose and adopt Desired Future Conditions (DFCs) for all relevant aquifers in the GMA for a fifty-year planning period; and

WHEREAS, the Texas Legislature has determined that no DFC for the Edwards Aquifer within the Edwards Aquifer Authority (EAA)'s jurisdiction is required to be established by the joint planning in GMA 10, and that the EAA is statutorily excluded from the requirement to participate as a voting member of the GMA for joint planning of other aquifers; and

WHEREAS, the District Representatives has further subdivided the Edwards Aquifer in GMA 10 on the basis of considerations prescribed in 36.108(d) and other relevant scientific and hydrogeological data to establish different DFCs, as authorized by Chapter 36.108(d-1), into the Western GMA Subdivision and the Northern GMA Subdivision and

WHEREAS, the District representative s of GMA 10 have identified the following as relevant aquifers for joint planning purposes:

1. Freshwater Edwards, Northern Subdivision
2. Saline Edwards, Northern Subdivision

3. Freshwater Edwards, Western Subdivision (relevant only in Kinney County)
4. Trinity (relevant down dip of its recharge zone)
5. Austin-Buda (relevant only in Uvalde County)
6. Leona Gravel (relevant only in Uvalde County)

WHEREAS, the members of the District Representatives for GMA 10 have:

- evaluated available scientific information concerning the hydrogeologic characteristics of the relevant aquifers,
- considered previous DFCs and the ability of the member GCDs to achieve their performance standards;
- conducted additional studies as needed to further assess the aquifer performance and impacts of groundwater production on other resources,
- evaluated the results of groundwater availability modeling by the TWDB of alternate groundwater management scenarios, and
- considered the nine factors for establishing DFCs that are stipulated in Chapter 36.108(d); and

WHEREAS, GMA 10 timely proposed DFCs for the relevant aquifers before the statutorily required date of May 1, 2021, and held public meetings in accordance with posting and notice requirements of State law to discuss the proposed DFCs and to receive input from stakeholders and the public on the proposed DFCs; and

WHEREAS, the District representatives intend to adopt DFCs for each of the six relevant aquifers, and one or more GCDs in GMA 10, as applicable, and intend to manage groundwater within each of the six relevant aquifers to achieve the DFCs; and

WHEREAS, the District Representatives have determined that the proposed DFCs for each relevant aquifer: 1) provide a balance between achieving the highest practicable level of groundwater production and the conservation, preservation, protection, recharging, and prevention of waste of groundwater and control of subsidence in the management area; and 2) provide for the reasonable long-term management of groundwater resources consistent with the management goals under Section 36.1071(a). :

NOW, THEREFORE, BE IT RESOLVED that the District Representatives of Groundwater Management Area 10 adopts the following Desired Future Conditions for the relevant aquifers in GMA 10:

1. Freshwater Edwards Aquifer in the Northern GMA Subdivision:
 - a. Springflow at Barton Springs during average recharge conditions shall be no less than 49.7 cfs averaged over an 84 month (7-year) period; and

- b. springflow of Barton Springs during extreme drought conditions, including those as severe as a recurrence of the 1950s drought of record, shall be no less than 6.5 cfs average on a monthly basis;
- 2. Saline Edwards Aquifer in the Northern GMA Subdivision:
No more than 75 feet of regional average potentiometric surface drawdown due to pumping when compared to pre-development conditions;
- 3. Freshwater Edwards Aquifer in the Western GMA Subdivision:
The water level in well 70-38-902 shall not fall below 1,184 ft mean sea level;
- 4. Trinity Aquifer, in the hydrologically confined zone downdip of the Trinity outcrop:
 - a. Outside of Uvalde and Bexar Counties: Average regional well drawdown not exceeding 25 feet during average recharge conditions (including exempt and non-exempt use)
 - b. In Uvalde County: No (zero) regional well drawdown (including exempt and non-exempt use)
 - c. In Bexar County: Non-relevant for joint planning purposes
 - d. In Plum Creek GCD: Non-relevant for joint planning purposes
- 5. Austin-Buda Limestone Aquifer(s), relevant in Uvalde County only:
 - a. Buda Limestone: No drawdown (including exempt and non-exempt use)
 - b. Austin Chalk: No drawdown (including exempt and non-exempt use)
- 6. Leona Gravel Aquifer, relevant in Uvalde County only:
No drawdown (including exempt and non-exempt use)

The motion to approve the resolution passed, with 6 ayes, and 0 nays.

PASSED AND APPROVED THIS THE 26th DAY OF October, 2021:



Michael Redman, Chair
GMA 10 Joint Planning Committee

ATTEST:


Voting Member,
GMA 10 Joint Planning Committee