

Groundwater Management Area 2 Resolution 16-01

Desired Future Conditions for the Ogallala, Edwards-Trinity (High Plains), and Dockum Aquifers in Groundwater Management Area 2

WHEREAS, Groundwater Conservation Districts (GCDs) located within or partially within Groundwater Management Area 2 (GMA 2) are required under Chapter 36.108, Texas Water Code to conduct joint planning and designate the Desired Future Conditions of aquifers within GMA 2 and;

WHEREAS, the Board Presidents or their Designated Representatives of GCDs in GMA 2 have met in various meetings and conducted joint planning in accordance with §36.108, Texas Water Code since September 2010; and

WHEREAS, the GMA 2 committee has received and considered Groundwater Availability Model runs and other technical advice regarding local aquifers, hydrology, geology, recharge characteristics, the nine factors set forth in §36.108(d) of the Texas Water Code, local groundwater demands and usage, population projections, total water supply and quality of water supply available from all aquifers within the respective GCDs, regional water plan water management strategies, ground and surface water interactions, that affect groundwater conditions through the year 2070; and

WHEREAS, the member GCDs of GMA 2, having given proper and timely notice, held an open meeting on April 19, 2016 at the offices of the Mesa Underground Water Conservation District located at 212 N Ave G, Lamesa, Texas, to vote to adopt proposed Desired Future Conditions for the Ogallala, Edwards-Trinity (High Plains), and Dockum aquifers within the boundaries of GMA 2; and

WHEREAS, the member GCDs in which the Ogallala, Edwards-Trinity (High Plains), and Dockum aquifers are relevant for joint planning purposes held open meetings within each said district between June 8, 2016 and August 17, 2016 to take public comment on the proposed DFCs for that district; and

WHEREAS on this day of October 19, 2016, at an open meeting duly noticed and held in accordance with law at Brownfield City Hall located at 201 W. Broadway, Brownfield, Texas, the GCDs within GMA 2, having considered at this meeting comments submitted to the individual districts during the comment period and at this meeting, have voted, ___ districts in favor, ___ districts opposed, to adopt the following DFCs for in the following counties and districts through the year 2070 as follows:

- The desired future condition for the Ogallala and Edwards-Trinity (High Plains) aquifers is average drawdown of between 23 and 27 feet for all of GMA 2. The drawdown is calculated from the end of 2012 conditions to the year 2070. The drawdown is expressed as a range due to the link between future pumping and future rainfall. As documented in GMA 2 Technical Memorandum 15-01 and GMA 2 Technical Memorandum 16-01, historic pumping is higher in dry years than in wet years. Since most of the water use in

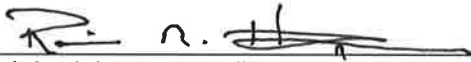
GMA 2 from the Ogallala Aquifer is for irrigation, producers pump more groundwater in dry years than in normal or wet years. The simulations assumed that initial pumping rates in the future would be between 100 percent and 150 percent of 2012 pumping rates. Essentially, in average or wet years, initial annual pumping would be approximately the same as 2012 pumping rates. In dry years, initial annual pumping rates could be as high as 150 percent of 2012 pumping rates based on the variation of pumping rates in the recent past.

- The desired future condition for the Dockum Aquifer is average drawdown of 27 feet for all of GMA 2. The drawdown is calculated from the end of 2012 conditions to the year 2070, and is based on Scenario 16 as documented in GMA 2 Technical Memorandum 16-01.

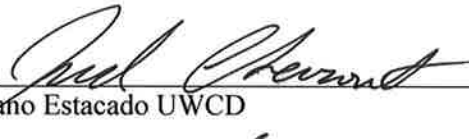
NOW THEREFORE BE IT RESOLVED, that Groundwater Management Area 2 does hereby document, record, and confirm the above-described Desired Future Conditions for the Ogallala, Edwards-Trinity (High Plains), and Dockum Aquifer which were adopted by vote of the following Designated Representatives of Groundwater Conservation Districts present and voting on October 19, 2016:



for Garza County UWCD



for High Plains UWCD #1



for Llano Estacado UWCD



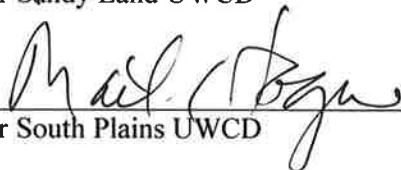
for Mesa UWCD



for Permian Basin UWCD



for Sandy Land UWCD



for South Plains UWCD

Groundwater Management Area 2 Resolution 16-02

Declaration that the Edwards-Trinity (Plateau) and Pecos Valley Aquifers Are Not Relevant for Purposes of Joint Planning in Groundwater Management Area 2

WHEREAS, Groundwater Conservation Districts (GCDs) located within or partially within Groundwater Management Area 2 (GMA 2) are required under Chapter 36.108, Texas Water Code to conduct joint planning and designate the Desired Future Conditions of aquifers within GMA 2 and;

WHEREAS, the Board Presidents or their Designated Representatives of GCDs in GMA 2 have met in various meetings and conducted joint planning in accordance with §36.108, Texas Water Code since September 2010; and

WHEREAS, the GMA 2 committee has received and considered Groundwater Availability Model runs and other technical advice regarding local aquifers, hydrology, geology, recharge characteristics, the nine factors set forth in §36.108(d) of the Texas Water Code, local groundwater demands and usage, population projections, total water supply and quality of water supply available from all aquifers within the respective GCDs, regional water plan water management strategies, ground and surface water interactions, that affect groundwater conditions through the year 2070; and

WHEREAS on this day of October 19, 2016, at an open meeting duly noticed and held in accordance with law at Brownfield City Hall located at 201 W. Broadway, Brownfield, Texas, the GCDs within GMA 2, and voted to adopt proposed Desired Future Conditions for the aquifers of GMA; and

WHEREAS at said meeting held on October 19, 2016, the GCDs within GMA2 voted, upon motion made and seconded, __ districts in favor, __ districts opposed, to declare the Edwards-Trinity (Plateau) and Pecos Valley aquifers not relevant for purposes of joint planning pursuant to Section 36.108 of the Texas Water Code and therefore not requiring the establishment of DFCs by GMA 2, nor the determination by the Texas Water Development Board (TWDB) of Modeled Available Groundwater (MAGs) for those aquifers in GMA 2,

NOW THEREFORE BE IT RESOLVED, that Groundwater Management Area 2 does hereby document, record, and confirm the above declaration that the Edwards-Trinity (Plateau) and Pecos Valley aquifers are not relevant for purposes of joint planning and therefore not requiring the establishment of DFCs by GMA 2, nor the determination by the Texas Water Development Board (TWDB) of Modeled Available Groundwater (MAGs) for those aquifers in GMA 2, approved by the following votes of the designated representatives of Groundwater Conservation Districts in GMA 2:

Kennel Wheeler

for Garza County UWCD

R. R. H.

for High Plains UWCD #1

Paul Chevrolet

for Llano Estacado UWCD

Mark

for Mesa UWCD

Donna Springer

for Permian Basin UWCD

Amber Blount

for Sandy Land UWCD

Maal Boyer

for South Plains UWCD