

~~7.0 Addressing in a quantitative manner the desired future conditions of the groundwater resources which impact the use and availability of groundwater and which are impacted by the use of groundwater in the District.~~

~~Mesa UWCD Board President Richard Leonard is the voting representative on the Groundwater Management Area #2 planning process. The District is actively participating in the planning for the establishment of a Desired Future Condition. At this time, Groundwater Management Area # 2 has not established the Desired Future Conditions (DFC) of the Ogallala Aquifer. Therefore, the Managed Available Groundwater (MAG) has not been determined by the Texas Water Development Board. At the time the DFC has been established and the MAG has been determined, the District will develop Management Plan IV. Therefore, the management goal for addressing DFC and MAG which impact the use and availability of groundwater and which are impacted by the use of groundwater in the District is not applicable to the operations of the District at the time of District Management Plan III. Mesa UWCD hereby amends Management Plan III to read as follows:~~

Goal 7.0 Addressing the desired future conditions of the aquifers adopted by the District

The District adopted Desired Future Conditions (DFC) for relevant aquifers in August 2010. The relevant aquifers are the Ogallala and Edwards-Trinity (High Plains) Aquifers. The Board decided the Dockum Aquifer is not a relevant aquifer for Mesa UWCD at this time.

During the joint planning process, this District and five other gcds along the southern end of GMA#2 adopted DFCs for the Ogallala and Edwards-Trinity (High Plains) based on an allowable amount of drawdown. The allowable drawdown is based on the average change during the 10-year period 1998-2007. For Mesa UWCD, that number is -1.53 ft/year. Based on the 50 year planning horizon, the Southern Ogallala GAM predicts the cumulative drawdown to be -74 feet for the District. However, for the purposes of this management plan, the District proposes to evaluate the cumulative drawdown in 5 year increments, which will measure our attainment of the DFC in shorter increments, and allow us to make any changes accordingly.

It is our belief that no additional rules changes are needed at this time in order to meet the adopted DFC. Our proposal may be altered if, at the end of the current 5 year period, our cumulative annual drawdown differs significantly from what is calculated to keep us on track for DFC attainment.

In order to monitor the attainment of the DFC, the Board implements the following objectives:

Management Objective—Calculate Annual Drawdown

- 7.01** The District will calculate the average annual drawdown using the results of annual water level measurements taken each January.

Performance Standards

- 7.01a** Present the average drawdown results to the District Board by March Board Meeting of each year.
- 7.01b** Publish the drawdown map in an edition of the Lamesa Press Reporter each year shortly after the annual water level measurements have been completed.

Management Objective—Calculate Cumulative Annual Drawdown

- 7.02** The District will calculate the cumulative average annual drawdown beginning with the 2012 year. The District will calculate the remaining allowable drawdown (based on the DFC) for the remaining years of the 2012-2017 period.

Performance Standards

- 7.02a** Present the cumulative average annual drawdown results to the District Board by March Board Meeting of each year.

Management Objective—Monitor the District Water Budget

- 7.03** The District will monitor the water budget calculated in the Southern Ogallala GAM which is estimated to meet the adopted DFC. This water budget will be compared to the annual estimated water use calculated by the District. The estimated remainder of water usage within the selected 5 year time period will be presented each year.

Performance Standards

- 7.03a** Estimate annual water usage within the District. Present the results to the District Board by March 1 of each year.
- 7.03b** Calculate the estimated remaining water usage that is allowable to meet the DFC for the period 2012-2017 and present the figures to the Board by March Board Meeting of each year.