

2. At least once every three years, the general manager will report to the Board the total permitted production and the estimated total annual production for each aquifer and compare these amounts to the MAGs listed in Table 8-1 for each aquifer.

### 17.11 Sustainability of the Groundwater Resource

Management Objective:

Beginning in 2023, the District will evaluate the long-term sustainability of its groundwater supply relative to current production and permitted production. The District will describe the conditions that define sustainability and develop and apply an set of criteria for evaluating the sustainability of the District's aquifers.

Performance Standards:

1. At least once every three years, the General Manager will report to the board on the sustainability of the groundwater resources. The report will include a definition of groundwater sustainability and the methodology for assessing the sustainability of each relevant aquifer based on current production and projected production.

## 18.0 PROJECTED WATER DEMANDS

The projected net water demands (in acre-feet) within the District based on the 2022 State Water Plan are compiled in TWDB (2022), provided as **Appendix A**. The District also established future Municipal Groundwater Use Demands in the District for planning purposes. The methodology and results of that effort are as follows:

**Method for Establishing Future Municipal Use Demands of Groundwater.** The District adopted a resolution, dated March 11, 2003, establishing production rights for Local Water Utilities within the District (water supply corporations, special utility districts, municipal utility districts and cities), as a rule. This rule allowed these Local Water Utilities to obtain a permit to produce a volume of water annually according to one of two methods:

1. An amount equal to the highest annual pumpage it reported from wells within the District in any consecutive twelve months prior to September 31, 2001; or
2. The Local Water Utility could present to the Board a Long-Term Plan prepared by a qualified engineer that projects the annualized long-term water needs as the official projection of the water required by that Local Water Utility in the planning period (for not more than forty [40] years) for providing retail water service within that Local Water Utility's defined service area. If a Local Water Utility adopted this plan on or before March 30, 2004, and the Board found the highest annual pumpage projected in the Long-Term Plan (the "Plan Amount") was not unreasonable, the