

SECTION 5

SUPPLY AND DEMAND COMPARISON PROVISIONS

5.1 LAW

10635 (a) Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment shall compare the total water supply sources available to the water supplier with the total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and multiple dry water years. The water service reliability assessment shall be based upon the information compiled pursuant to Section 10631, including available data from the state, regional, or local agency population projections within the service area of the urban water supplier.

5.2 TWENTY-FIVE YEAR COMPARISON

5.2.1 Supply vs. Demand

Table 2-9 compares current and projected water supply and demand based on the forecast increase in known developments requesting service shown in Table 1-5.

There is an accelerated water demand over the next 10 years or so based on land development which appears to start leveling off around the year 2013. It should be noted that economic downturns could flatten the rate of development in the District's service area; such conditions are not included in this UWMP.

5.2.2 Summary of Water Resource Availability

The preceding sections presented the water resource availability versus demands. Table 2-9 shows the water in "banked storage" in the BSU increasing to near 62,000 acre-ft by year 2013. The District then assumes that this banked storage volume will be reduced to about one half of that volume by the year 2030. This is a District management decision which provides some flexibility in the amount of State Water Project used and its availability.

Based on Table 2-9 it can be concluded then, there is adequate water supply to meet the projected developments for the next 25 years.