

## 6.0 SUPPLY AND DEMAND COMPARISON

*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.*

### **6.1 Supply and Demand Comparison**

Comparisons of projected supplies and demands are shown in Tables 3.3-1 and 5.1-4 and on Figure 5-1. The City currently has the water supply capabilities to meet MDD and to provide standby production capabilities. Existing wells will be modified, and new wells drilled, as required to increase water supply capabilities to meet demand and standby requirements.

Figure 5-1 indicates a total demand of approximately 28,346,625 million gallons per maximum demand day in year 2030, compared with a required supply capability for that same year of the same amount. The total demand in 2030 will be 31,754 acre feet per year. The projected demands for 2030, as well as the projected demands for five-year increments until 2030, are the same for normal water years, single dry water years, and multiple dry water years except that domestic use demand control measures could, although not required in dry years to protect the supply resource, reduce demand by some arbitrary amount, (see Chapters Seven and Eight).