

### 6.3 MUNICIPAL WASTE WATER SYSTEMS AND TREATMENT FACILITIES

The City of Carlsbad currently has a collection and treatment capability of approximately 4.5 million gallons per day of waste water. The existing trickling filter treatment system is undergoing improvements which will result in a design capacity of 6 million gallons per day and substantial improvement in the quality of treated effluent.

### 6.4 ELECTRICAL SERVICES

Electrical services are provided by the Southwest Public Service Company. Current service area demand totals approximately 60 to 80 megawatts serving 10,667 residential customers, 1,213 commercial customers, and 30 special contract customers. The company requires approximately six months lead time to provide services for a subdivision. Adequate power appears to be available to the service area for anticipated growth.

### 6.5 FIRE PROTECTION

Fire protection services are provided by both city and county governments. The city mans and operates a 24-hour fire protection operation, whereas the county fire services are provided by volunteer departments. The Insurance Service Organization recommends two firemen on a 42- to 56-hour work week per 1,000 population. Carlsbad currently has a ratio of 0.67 per 1,000 population.

### 6.6 LAW ENFORCEMENT

Law enforcement in the City of Carlsbad and Eddy County is provided by local city and county governments. The City of Carlsbad operates its