

Diamond Valley Lake and Lake Skinner, both located in the eastern portion of the study area, are owned and operated by MWD. Both provide drinking water and a setting for recreational activity.

Part of California's State Water Project (SWP), the California Aqueduct terminates in Riverside County at Lake Perris and is the southernmost storage location within the SWP. Figure 3.5.3 shows the major water distribution system lines in western Riverside County. These lines are the primary water transmission pipelines conveying water from storage locations to the eventual end user.

### 3.5.2.2 Electricity

Alternatives 1 and 3 are located in Southern California Edison (SCE) and Riverside Public Utilities service areas. All other alternatives are located in SCE service area only.

Major electricity transmission lines in western Riverside County are operated by Southern California Edison. Major electricity transmission lines are those that carry a minimum of 220 kilovolts (kV) of power. SCE operates a 500 kV transmission line extending east-west through most of Riverside County. The 500 kV line follows the I-10 corridor from the Arizona border west to the San Geronio pass area, veers south of I-10 towards Perris, and then extends west from Perris into Orange County. From the San Geronio Pass area, multiple 220 kV lines veer north of I-10 and follow San Timoteo Canyon into Redlands in San Bernardino County. Portions of SCE's 220 kV transmission lines pass through the northwest corner of Riverside County. (Source: RCIP Existing Setting Report [LSA, 1999]). The 500 kV transmission line is located north and outside of the WT Corridor study area.

### 3.5.2.3 Natural Gas

Southern California Gas Company (the Gas Company) is the gas service provider to western Riverside County. All seven WT Corridor alternatives are located in the Gas Company's service area (Figure 3.5.2).

Most of the major natural gas transmission pipelines in Riverside County are operated by The Gas Company. The Gas Company operates three major pipelines extending east to west through Riverside County. These main pipelines follow I-10 through most of the County. Dual pipelines branch off these main lines near Desert Center and extend southward into Imperial County, and another set of dual lines branches off the main pipelines near Gilman Springs Road at SR-60 and extends southward into San Diego County. These dual lines intersect all proposed build alternatives. Near the I-215 and SR-91 interchange, one pipeline veers to the south and extends west across the county following SR-91.

### 3.5.2.4 Sewer

The study area is located in the sewer service territory of the Eastern Municipal Water District (EMWD). In addition, the jurisdictional agencies of Elsinore Valley Municipal Water District, Murrieta Water District, and Rancho California Water District serve the

areas where Alternative H is located. No major sewer lines are located in the WT Corridor alternative bandwidths.