

### Carmel Mountain Ranch, San Diego, California



Photo is representative. Not actual site.

#### CONTRACTOR:

Pacific Properties Service

#### COMPLETION DATE:

February 15, 2009

#### RAIN BIRD PRODUCTS:

- ET Manager™
- ET Manager™ Cartridge
- ESP-LX Modular Controller

#### PROJECT OVERVIEW:

Situated in suburban San Diego, the Carmel Mountain Ranch Residential Community Association includes nearly 5,000 dwellings ranging from single-family homes to condominiums to apartments. With the help of 38 irrigation controllers, the association manages a sprawling 54 acres of common areas, featuring turf grass, shrubs, flowers and trees.

#### CHALLENGE:

Amid tightening water and budgetary restrictions, the association sought to reduce labor costs and conserve water across its vast network of common areas, while still preserving the lush beauty of those landscapes. If possible, the association hoped to leverage its existing controller technology to help minimize installation costs.

#### SOLUTION:

Rain Bird recommended that the association install a combination of ET Managers and ESP-LX Modular Controllers featuring ET Manager™ Cartridges. Beyond enabling the association to customize watering schedules by plant and soil type, Rain Bird's ET-based technology makes automatic adjustments based on hourly weather data. Not only does the association absorb no monthly subscription fees in this area, it has reduced labor costs by no longer requiring a staff member to make seasonal adjustments or turn off controllers during rain events. Event logs allow the water manager to easily monitor the association's irrigation system. Moreover, because the ET Manager was compatible with all of the association's existing controllers, the association enjoyed a significant installation savings.

#### COST AND WATER SAVINGS:

So far, as a result of Rain Bird® ET Manager Products, the Carmel Mountain Ranch Residential Community Association has seen a 28-percent decrease in water use.