

Parkhurst Homeowners' Association, Fullerton, California



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LANDSCAPE ARCHITECT:

Steve Hohl, Water Concern

LANDSCAPE SUPERVISOR:

Christian Burke, O'Connell Landscape Maintenance

RAIN BIRD SALESPERSON:

Mike Palumbo

RAIN BIRD PRODUCTS:

- SQ Series Nozzles
- ESP-LX Controllers
- ET Manager™ Cartridges

"Like most customers, the Parkhurst Homeowner's Association wanted spray heads that were easy to install, water-efficient and cost-effective. With the SQ nozzles, that's exactly what they got."

— Christian Burke, O'Connell Landscape Maintenance

PROJECT OVERVIEW:

The Parkhurst Homeowners' Association in Fullerton, California oversees an upscale neighborhood of over 350 families. Along with beautiful homes, the neighborhood maintains over 50 acres of green space, including 5-foot wide parkway strips that run between the sidewalks and the street. The association is responsible for keeping these areas green and healthy, while closely managing their water budget.

CHALLENGE:

To irrigate the parkway strips, the association installed 8-foot, half-circle spray heads with pressure-compensating screens. While this arrangement did keep the parkways green, it also caused significant overspray. Vehicles parked along the street often became wet. Trees that were planted along the parkway strips showed signs of overwatering. And the homeowners association that paid the water bill each month wasn't thrilled with the price tag this inefficiency was causing.

SOLUTION:

The association called in architect Steve Hohl, of Water Concern, for his recommendation. His advice: Use SQ Series nozzles on the turf planted along the parkway strips. Unlike standard spray nozzles, SQ Series nozzles can deliver a low volume of water, in a pressure-compensated 4-foot square spray pattern. The low water pressure of the nozzles eliminates overspray and misting. The square spray pattern makes design simple and more efficient.

SQ Series nozzles were added as a retrofit to the association's existing head-to-head configuration to provide a cost-effective watering solution.

COST AND WATER SAVINGS:

The association is now seeing savings of approximately 20 percent in the zones that have been fitted with SQ Series nozzles. According to Christian Burke, area manager of O'Connell Landscape Maintenance, "Through better water distribution, we were not only able to save the association money on street maintenance, but on their water bills as well."