



Parkhurst Homeowners' Association (HOA), Fullerton, California

HOA Uses Rain Bird® Products to Water Neighborhood More Efficiently

Parkhurst HOA manages an upscale neighborhood, home to over 350 families. The HOA has hired O'Connell Landscape Maintenance to oversee irrigation for over 50 acres of green space on behalf of the community.

THE CHALLENGE:

The community is designed with 5-foot wide parkway strips of grass and trees that run between the sidewalks and the streets. The existing spray heads installed here are wasting water, overwatering the trees, causing significant overspray onto vehicles parked on the street, and creating a dangerous slip and fall hazard.



SQ Series Spray Nozzles

Core Products Used:

- [SQ Series Square Pattern Nozzles](#)
- [ESP-LXME2 Controller](#)

THE SOLUTION:

The association has consulted with architect Steve Hohl, of Water Concern. Hohl has recommended replacing the existing spray heads with Rain Bird SQ Series Square Pattern Nozzles. SQ Series Square Pattern Nozzles can be added as a retrofit to the association's existing head-to-head configuration to provide a much more effective watering solution at an affordable price.

KEY OBJECTIVES:

- ✓ **Reduce Water Waste**
- ✓ **Eliminate Overspray**
- ✓ **Minimize Maintenance Costs**
- ✓ **Prevent Overwatering**



APPROACH:

Equip Existing Sprays with SQ Series Square Pattern Nozzles

Unlike standard spray nozzles, SQ Series Square Pattern Nozzles deliver a low volume of water in a pressure-compensated 4-foot square spray pattern. The low pressure of the nozzle eliminates overspray and misting, while the square spray pattern offers unbeatable efficiency and control.

Install ESP-LX Modular Controllers

These dynamic controllers offer flow sensing and management with a modular station capacity. They offer endlessly customizable programming for water flow and work with the SQ Series Square Pattern Nozzles to maximize water efficiency.



ESP-LXME2 Controller



RESULTS:

Impressive Water Savings

The association is now using around **20% less water** in zones that have been retrofitted with the SQ Series Square Pattern Nozzles. The grass continues to thrive and the trees are no longer overwatered. "Through better water distribution, we were not only able to save the association money on street maintenance, but on their water bills as well," explains Christian Burke, area manager of O'Connell Landscape Maintenance.

“ Like most customers, the Parkhurst Homeowners' 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