The LEGOLAND® Challenge

LEGOLAND is a renowned 128-acre theme park in Carlsbad, California that hosts over 2.5 million visitors each year. Due to local water policies, 90% of the landscapes in LEGOLAND are irrigated with reclaimed water that damages plastic irrigation components, forcing maintenance staff to waste time and money when routinely changing spray heads. They agreed to give the RD1800™ a field test by replacing 200 of their 11,000 spray heads in 2011.

RD1800 Results

Designed with chlorine- and chemical-resistant materials like the plastics that are used in swimming pools, only the RD1800 withstands the ongoing wear and tear from reclaimed water settings like LEGOLAND. Since their first field test of the RD1800 in 2011, LEGOLAND hasn’t had to replace any units due to damaged seals. LEGOLAND has now replaced over 1,500 heads with the RD1800.

“SINCE 2011, WE HAVEN’T HAD TO REPLACE ANY FIELD TEST UNITS BECAUSE OF DAMAGED SEALS. THAT IS REALLY SIGNIFICANT CONSIDERING THE HARSH WATER AT LEGOLAND.”

— Christophe Bruchez
LEGOLAND
The Winchel Irrigation Challenge

Winchel Irrigation installs both residential and commercial irrigation systems in Grand Rapids and Western Michigan. While non-potable water isn’t an obstacle for Winchel Irrigation, a cornerstone of their business philosophy is always using new technology and innovative products to deliver the most water-efficient systems to their customers. With that in mind, they began using RD1800 spray heads on all their installations to help solve problems with stick-ups and water waste.

RD1800 Results

Thanks to the patented Triple-Blade Wiper Seal that flushes out debris and sand during pop-up and retraction, Winchel Irrigation no longer has problems with leaky sprays or stick-ups. But they’ve also enjoyed an added water-saving benefit as well. With Flow Shield™ Technology that restricts water flow when a nozzle is removed or broken, RD1800 keeps impacted zones pressurized and minimizes wasted water.

“Since we have started using the RD1800, stick-ups haven’t been a problem.” — Greg Winchel
Winchel Irrigation

Ready to upgrade your jobsites to the King of Sprays? Visit www.rainbird.com to watch the RD1800 product video—or talk to your Rain Bird sales representative.