

C A S E S T U D Y

Golf Course Greens Irrigation CA, NM, NV - USA



OVERVIEW

Golf course operators need to water the greens early in the morning to keep them at their best. Water cost is high in high-temperature regions in the southern part of the USA.

WATER SYSTEM CHALLENGES

Water is one of the costly expenses of golf clubs. Irrigation is done in the early morning hours – usually greens are watered but in many months of the year also the fairways, which is translated into a large budget.

SOLUTION

A consultant was hired by several clubs to find technologies which help reduce operational costs. One of the directions searched was improving irrigation efficiency, this was done by installing **ScaleBuster** physical water conditioners in water pipes and comparing the results of the greens and fairways equipped with this technology to others (either equipped with other water treatment or none).

RESULTS

Watering by **ScaleBuster** conditioned water showed better results (some 14-26% potential savings vs. non conditioned water) and better ground penetration (the treated water with reduced "surface tension" was able to penetrate the soil easier, decompact it and leech salts away from the roots).

Following the published results by the consultant many clubs in California, New Mexico and Nevada had installed **ScaleBuster** conditioners in their irrigation systems.

ABOUT THE TECHNOLOGY

The patented **ScaleBuster**[®] technology completely replaces traditional chemical treatment; providing control of scale and corrosion in various water process systems to create an exceptionally clean system. This dramatically reduces energy and water consumption, while reducing or, in certain cases, eliminating toxic water discharge to the environment.