

The Country Club at Castle Pines  
6400 Country Club Drive  
Castle Rock, CO 80104

Here at the Country Club at Castle Pines, we have had our ozone unit in operation for sixteen months now. It seems that every day we learn something new about ozone and what it does for our irrigation water quality issues.

Right from the beginning we saw many things from using ozone such as dramatic increases in water infiltration, a positive response to hand-watering, and a gradual loosening of our highly compacted soils. The increased infiltration was as dramatic the first week of use as it is today. Here at The Country Club, we water deeply and infrequently, applying just under one-half inch of water every three to four days. One of the nights we were watering and the ozone unit did not work due to a controller problem. The next morning the golf course was a “no wake zone.” I was amazed at how poorly the course took the water without the ozone unit running. It was very eye-opening.

As time goes on using ozone, our hand-watering areas are being significantly reduced. This was first visible on greens and tees due to them being sand-based, which allowed the ozone to rapidly flush the sodium and chlorides that are in both the soil and the irrigation water. This past season our tees, which have historically been our Achilles Heel, were outstanding all year. In years past we would go through nearly \$6,000 in surfactants for the tees alone, and they would still be filled with localized dry spots. This year, localized dry spots on the tees were almost nonexistent with no surfactants.

In conclusion, I cannot say enough positive things about our use of ozone and how much it can help today’s turfgrass professionals. I can honestly say that without the ozone unit I could not have achieved the level of success that I did this past year.

Sean K. McCue, Golf Course Superintendent