



SOIL and WATER CONSULTING

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Consultant

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Re: Spring Visit and Sample Collection



Not so good ideas

Summary of lab data:

- For tees and fairways the sodium is high. Because of your recent 15-15-15 application and the water treatment, I do not recommend any other granular applications this Spring.
 - The Greens require monthly applications of 0-0-50 at a rate of 2 pounds of product per 1,000 square feet. A one time application of Pro-Mag at a rate of 3 pounds of product per 1,000 square feet will help with color without adding Nitrogen. Phosphorus can wait until Fall aerification.
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Dear Greg,

The biggest effect the course has had this Winter was rain and even snow. That effect is over now but with your recent installation of the Wercon injection system, you can keep up with that acid rain effect. The picture above is an old idea on how to treat the rough effluent water. There have been so many ideas come through the Valley, but I prefer ones that can be proven on testing. The next time I visit and collect a water sample it should have the full effects of injecting the acid. For now, there was a difference between the incoming water and a sprinkler head but it should get better once the lines are cleaned out of build up. The tees and fairways have not been sampled in many years, but I did find an old sample of #5 tee and fairway from 2011. Not a lot changes in the native soils. During that 8 years of time, there has been no water treatment or heavy amounts of amendments added to make any needed changes. The sodium levels are high but are offset somewhat by the heaviness of the native soils. I believe it was a great decision to treat the water and begin to mine the “free” nutrients that you have under the grass.

This was the first time I have collected soil samples on the new greens. (we ran a tissue samples only program part of 2018) The greens are lean as expected. Rain a few days before I sampled, and aerification the day before, show low levels of Potassium, Magnesium and even Phosphorus. You had applied a 10-4-16 after aerification so that addresses some of that. However, with a straight sand profile it will always be difficult to keep acceptable levels of the “good” salts.

If you have any further questions, please contact me. Thank you.

Sincerely,
Corey Angelo
Soil and Water Consulting

