



SOIL and WATER CONSULTING

Corey M. Angelo
Consultant

October 23, 2021

Re: Fall Sample Collection

Summary of lab data:

- *No amendments or fertilizers are required at this time, on the fairways*
 - *The greens need one or two applications of 0-0-50 applied at a rate of 2 pounds of product per 1,000 square feet..*
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Dear Zac and Jason,

The course was in very good shape the day I was there. You were verti-cutting and topdressing greens and getting everything mowed out. There were no real concerns when we spoke on the course, and it was already packed with golfers at 6:30 am! As I am still working my way through all the fairways to be sampled, I did holes that I have not done before. The Boron levels in the natural soil has always been higher than many I work with, but I did see on #9 levels over 4 ppm. When we get over 2 ppm we can see toxicity. Boron toxicity will show up as browning or yellowing on the blades. #9 sits in a tougher spot environmentally anyhow, but if you have ever struggled with grass on that fairway that might be part of it. Boron tends to accumulate over time. The fact that you have been very dry for quite a while now isn't helping. There isn't much you can do to remove boron except leach it and I believe turfgrass can adapt to the soil conditions. Just keep an eye on things to see if you notice any symptoms of too much boron.

The greens could use potassium. The levels aren't tragically low, but with your amount of play, drought conditions and the tests showing borderline levels, I would focus on applications at least until December. If you do get a rainy Winter, keep applying straight through until Spring when we can recheck soils.

Let's go over the details of the report and catch up when you have time.

Sincerely,
Corey Angelo
Soil and Water Consulting

