



SOIL and WATER CONSULTING

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Consultant

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Re: Fall Sample Collection

Summary of lab data:

- *The greens need one application of 0-0-50 at a rate of 2 pounds of product per 1,000 square feet rate.*

Dear Matt,

It was nice meeting you the other day and thanks for your help in getting me on the course to sample. It was busy as usual but may have been the quickest I have ever sampled there! Maybe instead of trying to beat the golfers in the morning, I should keep coming in the afternoon. Anyhow, the course looks good coming off Summer and the water restrictions and changes don't seem to be having an overall negative effect yet. However, the well water is going to be difficult. This is only my first sample and Zac had sent me some data on it that someone else collected. The data Zac gave me is like what you and I collected. It is very high in Bicarbonates. Bicarbonates will bind up the soil and make it like concrete over time. You will not notice it overnight, but it will be a slow "cementing" of the soil. What came out of the QC on #14 Green was more like your historical normal. It would be nice to collect a sample when the two water sources are blended in differing amounts and times of year. We should stay on top of this now and get new baseline information on the water so that we can adjust now for the future and to try to get ahead of any other restrictions and changes.

I don't recommend any amendments or fertility to the fairways, but I can see how it will be the fairways and rough that will be affected the most by the well water. Greens are a little behind in potassium but not off by much. One application before Thanksgiving will help them be a little tougher through Winter. I do have some concern with the "puffiness" in the greens. Not really a thatch issue but the need for verti-cutting routinely is there. It is not for speed or playability but for the health of the grass. Because the top layer of turf is like a sponge, you will see times of drying where it will be difficult to re-wet and I am concerned with how the well water (when in more use) makes it even more difficult. I am sure it could be very hard to perform the task, but I would put a high priority on it. Even if you can only get a handful done each day and stay on that as a weekly job- it may work.

Let's catch up when you have time to go over this report.

Sincerely,
Corey Angelo
Soil and Water Consulting

