



# SOIL and WATER CONSULTING

*Corey M. Angelo*  
Consultant

September 3, 2022

Re: Summer 2022 Visit

## **Recommendations for fertility-**

- Manganese is deficient and we should discuss. Although Paspalum loves manganese, I am not sure the value is there in the application.

Dear Bill,

Thanks again for your time and I wanted you to know that I will be in Cabo on the 20th to visit El Dorado GC. If we don't do a full sample visit, it would be great to have a follow up meeting with all of you- so this letter will be brief.

I never make any big and "end-all-be-all" statements on a first site visit. However, we can get a lot of information from this round of samples to use now and in the future. Starting with the water source, it is high in bicarbonate, sodium and chloride. I think there maybe some spots throughout the property that are negatively affected by this, (where drainage is inadequate) but paspalum can tolerate it ok. I would be concerned with zoysiagrass, though. I mention this because this is the new course turf selection. I won't get too far into this now, but we can discuss it later.

The soils and tissues audit shows very few deficiencies that need to be addressed with regards to fertility. I believe you could run at these levels successfully with paspalum. What I think is more of the issue is the thatch build up on the fairways and the differences in physical make-up of the soils between El Cardonal and the Dunes courses. There was a significant amount of turf to remove from the core samples before the lab was at soil level. Thatch is common in Paspalum grass but based on our conversation, it had been several years since you had worked on it aggressively. As you know, It builds up so rapidly in paspalum that missing one season can cause playability and turf conditions. I would like to discuss options with you on longer closure times to accomplish this routine maintenance practice. The courses are at the age when things can go sideways faster then 5 or 10 years ago. No one person is to blame because there is a lot to decide when closure times will happen and how long will they be.

In my opinion, proper fertility is very important, but I am seeing more golf courses have issues that are best resolved with more routine cultural practices. With your courses busy schedule and aging process not slowing down, more needs to be done in the area of thatch removal.

We can discuss these topics and more when time permits. Please feel free to contact me anytime.

Sincerely,  
Corey Angelo  
Soil and Water Consulting

