



# SOIL and WATER CONSULTING

*Corey M. Angelo*  
Consultant

August 10, 2020

Re: Summer Sample Collection

***Summary of lab data:***

- *The tees and fairways have no deficiencies for the Summer season.*
  - *The Greens numbers were as good as they have been in some time. There were no deficiencies at the time of sample collection.*
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Dear Kent,

Thank you again for allowing me to come later in the season due to the shutdown-It was 21 days later than last year and 38 days later than 2018. Even though we are still in a good window to compare year over year data, there will be some subtle differences because I sampled when you were in a different stage of Summer work. I hadn't been in Tucson in July before. So, it was nice to see the courses past transition and in full bermudagrass growing. The humidity was increasing in what seems to be a very weak monsoon season. However, 30% humidity and the recent 21-0-0 application on tees and fairway, had the bermudagrass very healthy. The weaker areas on the down hill areas around the greenbanks are mainly due to over-seeding heavier for better playability in the prime golfing season. As you know, that is one of the trades you make with over-seeding.

The greens were in very good condition the weekend I was there! The numbers on the soil and tissue tests match those conditions. There was a very high nitrogen level in the soil, but if you have some fungicide protection on the grass, you shouldn't have any issues. They didn't look like they were growing too much or have that "puffy" look. I think the use of the bermudagrass in the difficult to grow areas has helped to keep full coverage and playability at a higher level for the entire year. The members seem to appreciate good playing conditions no matter which grass type is on the green. Especially this year with more rounds than usual.

The renovation of the greens and additions to the practice facility seems imminent. I am ready to help you with the project when you are. We discussed using the "best" of possible regional sand suppliers. There are 2 very good options of places I have worked with in recent years. Neither are local to Tucson, but it will be worth the expense to have these greens done right once and for all. I believe quality control is the key to a project like this for the long-term viability of the greens-mix. Whether you seed or sod can be worked around if the infrastructure underneath and around the grass is consistent.

Let's catch up and go over how the course is since I was there when you have time.

Sincerely,  
Corey Angelo  
Soil and Water Consulting

