



SOIL and WATER CONSULTING

Corey M. Angelo
Consultant



Airseeder stripes

October 15, 2019

Re: Fall visit and Sample Collection

Summary of lab data:

- *On the tees and fairways, I could make a case for an application of 0-0-50 based on the sodium levels in the tissue samples and the soils samples show nearly the same levels of sodium as potassium.*
- *On the greens the Saturated Pastes numbers were very good and probably due to the recent applications of amendments and nitrogen near aerification. However, the Alkaline Soils shows that Potassium and Manganese are lagging.*

Dear Scott,

Something that struck me the most during my course visits in the Las Vegas area this September, was the lower soil temperatures. Your soil temperatures were nearly the highest I saw because I sampled in the early afternoon. Most soils were in the lower 60-degree range. It shows me that the Summer was more mild than usual-even though August was hot. It should be a great year for ryegrass but the bermudagrass may be a little slower to come out in Spring. You might consider one more application of 0-0-50 wall to wall before December to protect the bermudagrass in case Winter is especially cold.

The greens were a little hard to judge because of the recent aerification, but the root depth and color were excellent. The lab data looks very similar year over year with consistently low potassium and manganese levels. Although I don't see a reason why you can't just keep the status quo on each, it is a perfect time of the year to work on both those nutrients.

The bunker sand samples we collected should be discussed but the Augusta White came out to go in the bunkers at approximately 6" deep. It doesn't guarantee the algae will not form. I would say that you are only using potable water now. Before the depth of the sand may have been lower and the effluent water would have made the algae issue worse. My recommendation is to search for another white sand and test that. If that isn't a reasonable option, then I would use a bunker as a practice and give it time to see how things react. As far as the off-white sands, if they are an option for the Club then the depth and algae issue would seemingly disappear.

When you have time, let's go over the details of the report and catch up on how things are since I was there.

Sincerely,
Corey Angelo
Soil and Water Consulting

