



SOIL and WATER CONSULTING

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Consultant

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Re: Summer Visit and Sample Collection

Summary of lab data:

- *Tees and Fairways showed the effects of the recent 21-0-0 application. It was so recent it hadn't made it to the plant yet. Two things I would avoid applying for a while are Phosphorus products and Magnesium products.*
- *Greens soils data showed a nice increase in Manganese and no more Phosphorus is needed. The "Blast" applications should be made a permanent part of your greens program. It will help use up some of the minerals already in the soil.*

Dear Luis,

I hadn't seen the course since September of last year and I was thankful that you invited me back! I appreciate the work. The course looked good with the changes that have been made. The thing that stayed with me was the hardness in the greens. If you remember, I had to use my slide hammer probe to collect a good sample. I believe that cultural practices such as a verti-drain or a drill and fill are needed at this time. The greens are now 10 years old; the sulfur burner usage stopped several years ago; maybe the intensity of aerification has decreased some. The water is still very good but high in bicarbonates which makes the sand in the greens very hard over time. The use of products like Blast will help to keep things loose, but to reconsider the sulfur burner may be prudent for the longevity of all the turf. You have done an amazing job with the greens keeping them poa annua and bermudagrass free. I have a connection with these greens because I was involved in their construction. Having greens look this good 10 years later in Las Vegas, is something to be proud of. As you know, it doesn't take much or very long to have them go backwards.

As far as the fairways are concerned, it is interesting to see where I must have had a piece of the 21-0-0 get in the sample bag from #15. The sulfur level on that fairway is so much higher than #6 fairway. It shows you how much you can get out of a simple product like 21-0-0. In those areas of rough that we looked at near trees, more 21-0-0 would help you see better as to how much bermudagrass you actually have there before you spray those areas with a product like Revolver. Right now, the course is very playable. I would hate to see you be too aggressive with taking out the ryegrass too quickly.

If you have any further questions, please contact me. Thank you.

Sincerely,
Corey Angelo
Soil and Water Consulting

