



SOIL and WATER CONSULTING

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Consultant

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Re: Spring Sample Collection

Summary of lab data:

- *The recent wall-to-wall applications of gypsum and 0-0-50 have had a positive effect on these test results. A well-timed application of readily available Nitrogen is all that is needed currently.*
- *The "newer" greens require no applications currently. A pre-plant application(s) of Gypsum, Pro-mag, 11-55-00 and Manganese will be necessary on the 9 holes to be seeded in early Summer. Followed by a 0-0-50 application after seed germination.*

Dear Tom,

It was nice to finally meet you. Although I have worked with Seven Oaks Country Club since 2015, I consider this the beginning of new ways things will be done there. So, as we discuss the data, I will be looking at it as a new course for me. As a reminder, these samples were done using the Olsen Method except for the minor elements. They were analyzed using the Melich 3 method. I have found this is the best way to work on these soil types in the Western region. Not only does the USGA recommend that, but it is easier to decipher the minor elements progress as the ranges in numbers are wider.

It was a miserable weather day during my visit, so it was difficult to judge color. However, the greens did look healthy and since my visit you have seen some root mass growth. I believe this will be the year the "newer" greens will settle in and become more predictable. Less rolling will help lessen the wear on edges and collars which were both concerns the first season of each nine greens. My recommendation for the next set of greens is to use the same process of roto-tilling the existing greens-mix, leveling and seeding with Dominator bentgrass. The first two 9 holes show great consistency in organic material and nutrient levels. In these types of sands, that is not only from fertilizer applications. I believe it is from the roto-tilling process itself.

With regards to the ryegrass, I think that perennial ryegrass should be used going forward. Ideally no overseeding is done on fairways and rough at all, but if it must be done, perennial ryegrass will give the golfers the best Winter and early Spring conditions. It can always be sprayed out if transition to bermudagrass is a concern. At Seven Oaks CC it has been shown that early aerification and well-timed nitrogen applications have worked well to get the bermudagrass growing as soon as possible in the fairway areas. I am also happy to hear that more resources are being put towards the rough. I have always thought the answer to the question, "why isn't the rough as good as the fairways?" is simple- put more into it and you will get more out of it. The soils and water source are the same so more weed control, fertility and cultivation will work to make the rough better over time.

When you have some time, let's talk and more on how the course is doing since my visit.

Sincerely,
Corey Angelo
Soil and Water Consulting

