



SOIL AND WATER CONSULTING

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Re: Recent Visits

Dear Paul,

Thanks again for your time a few weeks ago and I always appreciate your support. I have posted the lab data and the 2018 Report. (waiting on Revere GC and San Ramon GC in September) You will notice a chart on the last page of the report showing fertility recommendations based on the data collection that I did.

Specifically to Yucaipa Valley GC and Birch Hills GC, both would be best served with an application of a balanced N-P-K fertilizer on the tees and fairways. It would be much easier than applying the potassium and phosphorus separately and you are low in nitrogen, so as you see a need for growth this Summer apply something like a 15-15-15 from Best Products. Camarillo Springs GC soils are off the charts in phosphorus and very out of balance, but off of one round of data I wouldn't recommend any quick fixes for that.

The water sources at Yucaipa Valley GC and Birch Hills GC were both decent. I know the amount used at Birch Hills GC is an issue but based on what we saw on #18 fairway, just watering more would improve conditions. The water samples we collected at Camarillo Springs GC showed very high bicarbonates in each sample and the pond had higher sodium than the well. So, just watch for sodium build up. The sodium numbers alone aren't tragic, but they are higher than the potassium levels so more potash would help to balance things there.

Each course seemed to have different details, but from a fertility stand-point you may be able to buy in bulk to help each property. Having the new well at Yucaipa Valley GC is a big deal Dan at Camarillo Springs GC was doing a great job on the greens with regular gypsum applications. At Birch Hills GC it seems like water may be more important than fertilizer applications.

As you have time, let's go over the details of the report together and see how things are since my visit.

Sincerely,
Corey Angelo
Owner
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