

## Pawleys Place high ph solution

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### Moore's Landscaping & Irrigation

#### Subject: Soil and Water pH Management at Pawleys Place

Good afternoon,

I wanted to provide you with a detailed overview of the pH levels in the soil and water sources at Pawleys Place, including the Deep Well, Small Shallow Well, and Ponds. This is a common issue in our region, particularly along the East Coast, and I wanted to ensure you have a clear understanding of the current situation.

As certified landscaping professionals in South Carolina, we have the advantage of consulting with the Clemson University Lab Center for expert guidance. After discussing the situation with their team, their recommendation is to refrain from treating the water sources at this time. Instead, they advise focusing on soil treatment with the expectation that over time, the adjustments will leach into the ponds naturally. Ongoing soil testing will help monitor the effectiveness of this approach.

Currently, the average pH level for both the water and soil is 7.8, which is higher than ideal for the desired grass species. The recommendation is to apply elemental sulfur to all Centipede and Zoysia grass areas to address this. Using the Acidification Calculator, we found that the required amount of sulfur for one application exceeds the typical recommendation, meaning the sulfur needs to be applied in multiple stages. We plan to split the application into at least four separate treatments, spaced two to three months apart, and each should be applied only when temperatures are below 75°F.

It's important to note that this process will be gradual. We must be cautious not to exceed the recommended sulfur application rates per acre per year. Currently, the lawns are in good condition and did not show any signs of high pH levels last year, but it is prudent to take a proactive approach to ensure long-term success.

Our plan moving forward is as follows: we will conduct two sulfur applications this year—one in February and another in October—to stay within the recommended temperature range. After the October application, we will conduct another soil test in December to assess the progress. If necessary, we will continue with additional applications in 2026.

This approach will allow us to improve soil health over time, while minimizing any potential negative effects from excessive sulfur application. The cost for one application is \$1950, which covers all grass areas, including both the lower and upper pond areas. Total for the year will be \$3900, with treatments scheduled for February and October if approved. Billing will follow after each scheduled application.

Please feel free to reach out if you have any questions or would like to discuss this further.