

Shady Arbor PLLC

407 Pebble Brook Drive, Clinton, MS 39056 601-906-6541 stephendickems@gmail.com Stephen Dicke, Certified Arborist SO-5635A International Society of Arboriculture Tree Risk Assessment Qualification MS Registered Forester #1076

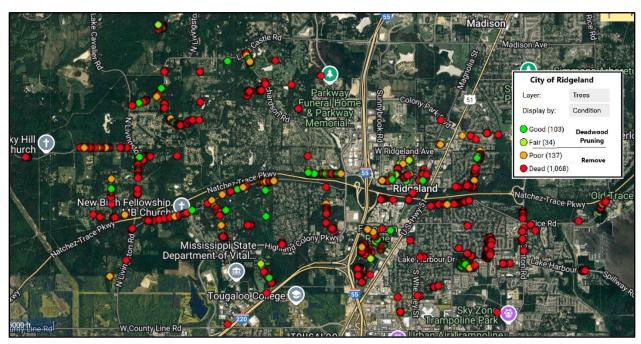


October 30, 2024

Alan Hart, Director
City of Ridgeland – Public Works
P.O. Box 217
100 W. School St.
Ridgeland, MS 39157
601-853-2027 alan.hart@ridgelandms.org

Subject: Drought-Damaged Trees Marked for Removal or Deadwood Pruning

The following is my tally of drought related damage to trees on property owned or controlled by the City of Ridgeland. The good news is that thousands of your trees made it through the drought and appear to be in good health. The bad news is I found 1342 trees killed or damaged by the drought at various levels of Condition or health (Map below). Dead trees and deadwood are likely to fail within a year so mitigation of these risks to public safety are recommended.



Each dead or damaged tree was measured, photographed, and marked for a mitigation treatment. Tree information was summarized into a packet of Maps, a Spreadsheet, and a packet of Individual Tree Reports. The link to this information is below.

Trees to Remove or Deadwood - City of Ridgeland

Shady Arbor PLLC

I recommended one of two mitigation treatments. The treatment decision was based on my opinion of a tree's Condition or health. See Disclaimer below.

- 1. **Trees to Remove**. 90% or 1205 trees were killed or left in poor health by the drought. These trees were marked for removal using a diagonal orange paint stripe on the stem at eye level. There was also a spot placed at the stem base.
- 2. **Trees to Deadwood Prune.** 10% or 137 trees had deadwood in branches and tops. These trees were in good to fair health and were likely to recover from the drought. To mark these trees for deadwood pruning, stems were tied at eye level with blue ribbon flagging.

I thank you for this opportunity to help the City of Ridgeland mitigate the risk to public safety that was caused by drought-related damage to trees. If you have any questions about this information or find any errors or omissions, please give me a call. I will do my best to respond promptly.

Yours truly,

Stephen Sen Vicke

Stephen Dicke, Certified Arborist SO-5635A, International Society of Arboriculture

I would like to acknowledge my two Tree Evaluators for their help on this project.

Dennis Schiewe, retired forester. Dennis had 9 months of similar Tree Risk Assessment experience documenting Dutch Elm Disease killed trees in Denver, Colorado. Chuck Grantham, Farm and Field Solutions LLC. Chuck is an ISA Certified Arborist with Tree Risk Assessment Qualification.

Tree Risk Disclaimer. A Level 1 Limited Visual Tree Risk Assessment was conducted. This was a one-sided visual assessment looking for trees that are likely to fail within one year. We looked carefully for dead trees and dead branches, but we may have missed internal defects, hidden defects high in trees, or underground problems. The time for our opinion of risk is 1 year. No guarantee of safety is provided. Tree risk is a snapshot in time and can change quickly as tree health deteriorates or as storms pass.