



## Arborist Report (keith) Tree Condition Assessment

Date/Time	21/08/2023
Client Company	COA Forestry
Address, Zip	Barton Springs Pool
Site Image	
Introduction	This report contains tree condition information and recommendations for a pecan tree overhanging Barton Springs Pool. I have been asked to evaluate the tree based on a results from a lab result diagnosing the tree to have the kretzschmaria fungus.
Methods	Data in this report is collected using level 2 assessment techniques unless otherwise indicated. All photos were taken from the ground unless otherwise indicated that drone camera or aerial ascent into the tree was performed. No ground penetrations were conducted unless otherwise indicated. Recommendations are based on a combination industry best practices, 3-5 year timeline of risk assessment, species profile and my 30 years experience working with trees.

### Individual Tree Information

Trees	
Trees	
Tag Species and DBH	Pecan tree located just inside pool entrance as indicated on aerial image above

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<b>Tree Description</b>	<p>This tree had catastrophic structural failure many years ago and received an artificial support system to accommodate the tree. Recently, a lab diagnosed the tree to have kretzschmaria sapwood canker (fungi); I agree with this diagnosis. While my experiences with this disease in Pecan trees is limited, in other species, Kretzschmaria causes complete compromise of the sapwood tissue over a relatively short time period. While the tree does have artificial support, this loss of tissue at the base and eventual complete tree death will leave the tree extremely hazardous and unsafe for professional tree workers to manage. I recommend the tree be removed within the next 30 days and that the area surrounding and underneath the tree be isolated to prevent public access in the mean time.</p>
<b>Tree Condition Rating</b>	<p>Imminent Hazard</p>
<b>City of Austin Protection Status</b>	<p>Heritage tree, needs to be shown on plans</p>
<b>Poor Candidate for Preservation</b>	<p>While this tree is a poor candidate for preservation in my opinion, you will need to get a permit from the city arborist department to remove the tree. This report is not a guarantee that the city arborist will approve your permit. In some circumstances, the city will require mitigation for the tree removal.</p>
<b>photo 1</b>	
<b>photo 1 description</b>	<p>Red circle indicates canopy of the tree. Red arrow indicates canopy of an adjacent tree.</p>

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photo 2



photo 2 description

Photo of fungi identified by lab to be kreitzschmaria. I concur this fungal mat appears to be the identified fungi.

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photo 3



photo 3 description

Shows the base of the tree. This concrete was installed many, many years ago. The gap between the concrete and tree tissue appears to have grown substantially since last I remember.

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photo 4

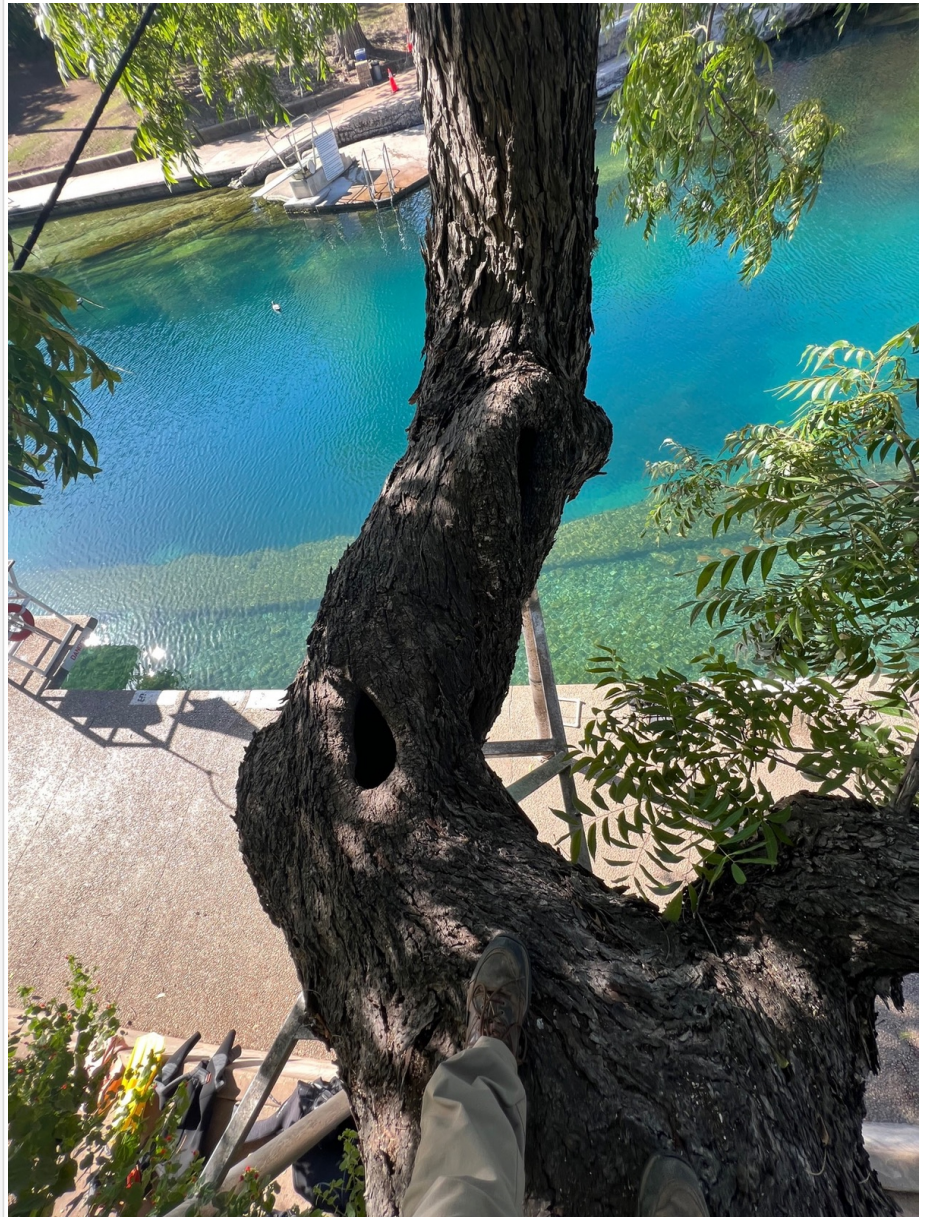


photo 4 description

Shows some of the defects in the main stem just past the concrete and the metal support structure can be seen.