



"Promoting the health of our neighborhood's trees"

Certified Arborist Report

Subject: Tree Health & Safety Evaluation

Address of the Report: Approx. 1208 Linn Ave (Mt. Pleasant Apts.)
Oregon City, OR 97045

Date of the Report: 10/01/2017

Report Submitted To: City of Oregon City
c/o Wes Wilson

Summary

The purpose of this report is to examine the health and evaluate the level of safety of 1 Garry Oak (*Quercus garryana*) located in the boulevard strip outside/near the Mt. Pleasant Apartments. This Garry Oak is located East of the apartment complex near the road and was the Northern-most Oak tree in a row of three Garry Oaks residing in a row here. The tree stands approximately 70 feet tall with a crown spread of 45 feet and a trunk DBH of 40". Pedestrians and cars frequent the area around the tree on a constant basis.

During my initial inspection I didn't see any conks like I did in the middle Oak tree but I did see 2 different areas where the base of the trunk (or buttress) did not meet the root plate. In these areas there was a distinct separation where the trunk didn't make contact to the roots or ground level (see attached photo). This is a sign that injury or decay occurred at these sites. I'm leaning toward decay since there are two separate locations and when knelt down I could see hollow space that led back into the center of the base of the trunk. Looking upward into the crown, I saw basically an exact duplicate of what I saw in the middle Oak tree – areas rotting back into the top of the trunk (see attached photo).

In conclusion, although this Garry Oak in question didn't show a large conk like the middle Garry Oak, it was still showing similar signs to similar issues on the tree. The crown was dying back and rotting into the top of the trunk and the bottom of the trunk had two different areas where the buttress wasn't connected to root zone where cavities were present. Due to the lack of connectivity here and a visibly hollow trunk base, failure of the entire tree becomes much more likely in stressed or storm-like conditions. Given that the Southern-most Oak fell into the road and the middle Oak appeared basically ready to do the same, I think it is only wise to remove this Oak tree as well, given what we are seeing and how its health seems to be lining up with the other two trees.

Sincerely,

Mike Jolliff
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ISA Certified Arborist
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Location 1 of buttress cavity



Location 2 of where buttress is disconnected from root plate



Poor condition of crown showing wood rotting back into top of trunk

