



CERTIFIED ARBORIST REPORT

12/02/19
City of Sandy (Oregon)
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This report has been prepared to independently address the current condition of trees located within the City of Sandy, Oregon.

The report provides an opinion as to the current condition of the trees and any recommendations for services.

As the techniques and terminology of the Arboriculture industry are continuously evolving, we have provided some brief descriptions to assist with the review and understanding of this report.

This report was completed, reviewed and approved by the undersigned Certified Arborist and owner of Earth Care Designs, LLC dba Oregon Tree Care.

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TERMINOLOGY:

Deadwood: A branch or part of a tree that is dead.

Habitat Snag: Tree "snag" is a term referring to a standing, dead or dying tree. Maintaining a habitat snag can be very beneficial to both the animals that use it and the people who get to see nature at work. Standing dead trees provide an amazing range of microhabitats.

Hangers: Dead branch fallen from the crown but caught by, and resting on, branches lower down.

Pruning: The act of sawing or cutting branches from a living tree generally involving thinning, deadwood removal and weight reduction to improve the overall health of a tree. The species and size/age of the tree will determine the proper amount of reduction and type of cuts performed.

Stress: Unfavorable deviation from normal. In arboriculture, the adverse alteration of tree health by abiotic or biotic factors.

Vigor: A measure of the increase in plant growth or foliage volume through time after planting.

SITE REVIEW:

1. Meinig Park

- a. Mature Trees with Co-Dominant Trunks and/ or Upper Crowns
 - i. Recommendation: Mitigate Risk and Hazardous Deadwood pruning to improve structural integrity.
- b. Alder SE of covered stage
 - i. Dying/ Dead
 - ii. Recommendation: Remove to ground level.
- c. Maple South of covered stage (East of path)
 - i. Dying/ Dead
 - ii. Recommendation: Remove to ground level to mitigate risk.
- d. Cottonwood at South end of parking lot
 - i. Hangers
 - ii. Recommendation: Extract hangers to improve structural integrity.

2. West End Of Tickle Creek Trail

- a. 2 Hemlocks just South of Bridge 1 (West of path)
 - i. Dying/ Dead
 - ii. Recommendation: Reduce to Habitat Tree.
- b. Alder West of Bridge 1 and path
 - i. Dying/ Dead and leaning toward 362nd
 - ii. Recommendation: Reduce to Habitat Tree.
- c. Hemlock between large fenced trees between bridge 2 & 3 (North of path)
 - i. Dying/ Dead
 - ii. Recommendation: Reduce to Habitat Tree. Leave debris in natural area.
- d. Alder South side of the path between bridge 2 & 3
 - i. Dying/ Dead
 - ii. Recommendation: Reduce to Habitat Tree.

3. Knollwood Park

- a. Path East of Park
 - i. Hangers
 - ii. Recommendation: Extract hangers to improve structural integrity
- b. 3 Alders north side of path (East of culvert)
 - i. Dying/ Dead
 - ii. Remove to ground level.
- c. Alder leaner north side of path (East of 3 leaning alders)
 - i. Dying/ Dead
 - ii. Recommendation: Reduce to Habitat Tree for risk mitigation.

4. Hamilton Ridge Park

- a. Alder Tree West of park in natural area, no fence between yard and park
 - i. Dying/ Dead
 - ii. Recommendation: Remove Alder to near ground level.

5. Alley C North Off Dubarko At East End Of Tickle Creek Trail

- a. 3 Alders North of Alley
 - i. Dead Tops
 - ii. Recommendation: Reduce to live tissue to mitigate risk.
- b. Pistal Butt Maple
 - i. Hangers
 - ii. Recommendation: Proactive Structural Pruning to improve structural integrity

6. Tickle Creek Trail

- a. Alder in natural area at East End of Trail
 - i. Dead/ Dying
 - ii. Recommendation: Remove to Ground Level.

7. Tupper Park

- a. 2 Alders (SE of Park)
 - i. Dead Tops
 - ii. Recommendation: Reduce deadwood to mitigate risk.

8. Community Center

- a. Maple tree (South of parking lot)
 - i. Dropping Branched
 - ii. Recommendation: Proactivity Prune Maple to mitigate risk on parking lot side.

9. Open Space West Of Wall St. (Dead-End)

- a. Maple (follow private drive West to bridge tree on North side)
 - i. Dead Top
 - ii. Recommendation: Reduce Maple to mitigate risk.

Limits of Assignment

Unless stated otherwise: 1) Information contained in this report covers only those trees that were examined and reflects the condition of those trees at the time of inspection; and 2) The inspection is limited to visual examination of the subject trees without dissection, probing, or coring unless explicitly specified. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the subject trees may not arise in the future.

Methods

We used a Visual Tree Assessment (VTA) method to evaluate tree health and structure. VTA is based on the outward indications of tree stress and growth, as indicated by the formation of new tree parts, the shape of the new wood and the amount of live tissue. Trees adapt to current and past stress by growing wood to support themselves in an upright condition. This type of assessment is facilitated by our personal knowledge of tree growth as it relates to structural integrity.

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10. Loss or alteration of any part of this Agreement invalidates the entire report.

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