



## Kelso Housing Authority Tree Assessment

---

**Location:**

1106 Walnut Street Kelso, WA 98626

**Report Prepared for:**

Kelso Housing Authority  
1415 S 10<sup>th</sup> Ave.  
Kelso, WA 98626  
360-423-3490

**Report Prepared by:**

Andrew Craig,  
503-631-4760  
Andrew@newdayarborist.com  
PN-5927-A  
ISA Tree Risk Assessment Qualified



This Tree assessment was done at the request of the Kelso Housing Authority for two trees at a proposed development site located at 1106 Walnut St., Kelso, WA 98626. The subject trees are a Douglas Fir (*Pseudotsuga menziesii*) on the west edge of the property and a Black Cottonwood (*Populus trichocarpa*) on the east edge of the property within a riparian setback

Site and Tree Assessment were performed on the afternoon of September 26, 2022. At that date, tree location, species and condition were verified. The purpose of this assessment is to determine whether the subject trees will impact construction and what impacts construction will have on the subject trees if preservation is desired

## Summary

This site has been fallowed for some time with very little site disturbance and there are 2 trees on site that were assessed. Tree 1 is a Douglas Fir, 45” dbh and in good condition. This tree has an open grown form with 90% live crown ratio. It has a few broken branches hung up in the upper crown and would require some crown raising if preserved. This tree has high preservation value and would not be difficult to protect during all construction activities. If preserved, this tree would have no impact on the proposed building. Tree 2 is a Black Cottonwood, and this tree is dead and would need to be removed or significantly reduced prior to construction. No dbh measurement was obtained because the blackberry was too dense to be able to access the tree. Behind Tree 2 is another dead Black Cottonwood and this would require removal or significant reduction.

## Definitions

**Poor:** General state of decline. May show severe mechanical, insect or disease injury but death is not imminent. May require major repair or renovation.

**Fair:** Average condition and vigor for area. May need some corrective pruning or repair. May lack desirable form characteristics for species. May show minor insect, disease or physiological problems.

**Good:** Healthy and vigorous. No apparent signs of insect, disease or mechanical injury. Little or no corrective work required. Form representative of species.

If Tree 1 is selected for preservation, here are the protection requirements to minimize construction impacts.

## Protection Plan

Trees selected for protection will be fenced off at the edge of the root protection zone, or (RPZ). The prescriptive path RPZ is defined as a circle with a radius of one foot for every inch of tree diameter at dbh. The RPZ can be modified, Performance Path, based on species root habit and other site conditions. It is the intention that modifications will allow for construction to take place while providing protection for subject trees. Unless otherwise noted, all tree protection fencing should be installed prior to construction and remain in place until construction is complete. Fences will be 6’ chain link fencing secured to 8’ steel stakes driven into the ground. All fences should be inspected prior to construction and should not be opened unless directed by a qualified arborist. “Qualified” arborists can include the project arborist, a



City Forester, or any ISA Certified Arborist or ASCA Registered Consulting Arborist who has possession of this tree plan. Without authorization, none of the following will occur within the RPZ.

1. New buildings.
2. Grade change or cut and fill during construction.
3. New impervious surfaces.
4. Utility or drain field placement.
5. Staging or storage of materials and equipment during construction.
6. Vehicular traffic during construction.

Root protection zones may be entered only for tasks like surveying, measuring and sampling without supervision by a qualified arborist. The fence must be closed upon completion of such tasks. All other activities should be approved by the project arborist first.

Tree 1 to will require a modified RPZ in order to accommodate proposed construction. The following protection measures were determined by tree and site conditions and from the proposed development plan provided by the Kelso Housing Authority. The RPZ will be a rectangle with a radius of 25' extending out to the east of the tree and a radius of 45' extending out from the north and the south of the tree. Any undesirable vegetation inside the RPZ must be removed by hand. It is recommended that the entirety of the RPZ be mulched 4"- 6" with arborist chips or compost. Compost might be the better option since it can be reused during landscape work. Also, it is recommended the area within the RPZ be irrigated during the dry months. Consult project arborist for duration and interval for irrigation.

It is advisable to consult with project arborist prior to any earthwork adjacent to RPZ for Tree 1 as well as any proposed landscape work adjacent to or within the RPZ.

Prepared by,



Andrew Craig,

503-631-4760

Andrew@newdayarborist.com

PN-5927-A

ISA Tree Risk Assessment Qualified



### Assumptions and Limiting Conditions

1. This report is in no way to be considered a complete hazard tree evaluation, nor does the consultant take any responsibility for the inactions of others in dealing with this matter.
2. Any legal description provided to the consultant is assumed to be correct.
3. It is assumed that this property is not in violation of any codes, statues, ordinances, or other governmental regulations other than those that may be identified in this report.
4. The consultant cannot be responsible for information gathered from others involved in various activities pertaining to this project. Care has been taken to obtain information from reliable sources.
5. The consultant cannot be responsible for work conducted by any other arborist, contractor or worker attempting to fulfill the requirements and/or specifications contained in this report.
6. Loss or alteration of any part of this report invalidates the entire report. Ownership of any document by the intended client shall only be valid after full payment for such document(s) has been received by New Day Arborist LLC.
7. The production of this report by New Day Arborist, LLC is a complete production in accordance with the scope of work requested by the client. Any additional tasks, including reproduction of report, phone consultation, production of additional documents, arbitration, deposition, testimony, or any other related service shall be billed at the standard rates for such services as determined by the current Fee Schedule of New Day Arborist, LLC, and will be the responsibility of the client.
8. Any and all claims, losses, expenses, injuries, or damages arising out of, or any way related to this report or this agreement by reason or any act or omission, including breach of contract or negligence not amounting to a willful or intentional wrongdoing shall not exceed the total compensation received by New Day Arborist LLC. under this Agreement.

### Arborist Disclosure Statement

Arborists are tree specialists who use their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living, working and playing near trees. Clients may choose to accept or disregard the recommendations of the arborist, or to seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of trees. Trees are living organisms that fail in ways that we do not fully understand. Conditions are often hidden within trees or below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period. Likewise, remedial treatments, like any medicine, cannot be guaranteed. Even healthy trees with little to no observable defect or disease can begin to fail when wind speeds exceed average high annual wind speeds, and under snow and ice loads; such events cannot be managed or predicted.

Treatment, pruning and removal of trees may involve considerations beyond the scope of the arborist's services such as property boundaries, property ownership, site lines, disputes between neighbors, and other issues. Arborists cannot take such considerations into account unless complete and accurate information is disclosed to the arborist. An arborist should then be expected to reasonably rely upon the completeness and accuracy of the information provided.

