





**Treescaples Northwest**  
Jeff Gerhardt, Consulting Arborist  
ISA Certified Arborist #PN-5541A



**City of Cannon Beach, Public Works Department**  
Attn: Trevor Mount; Assistant Public Works Director  
mount@ci.cannon-beach.or.us

January 10, 2024

### **Hazard Tree Inspection - S Pacific Avenue**

Per your request, I evaluated the hazard potential of one tree located within the City ROW. After visually examining the tree and site, I recommend the tree be removed. A site map, photograph, and ISA Tree Evaluation Form is attached.

The tree is a red alder (*Alnus rubra*) approximately 25" in DBH and 50' tall. The tree is located within the City ROW in front of the residence at 4079 South Pacific Avenue. The tree has an orange dot painted near the base. The roots of the tree are impeding a sewer line beneath the tree. Due to the close proximity to below ground utilities, I recommend this tree be removed in entirety. I discourage replanting at this location in order to avoid a similar conflict.

Best regards,

A handwritten signature in black ink, appearing to read "Jeff Gerhardt", written over a light pink rectangular background.

Jeff Gerhardt

**Treescaples Northwest**  
P.O. Box 52  
Manzanita, OR 97130

CCB# 236534  
Cell: 503-453-5571  
[www.treescaplesnorthwest.com](http://www.treescaplesnorthwest.com)

Red dot indicates location of alder I recommend be removed



Alder tree located on City ROW (note proximity of manhole cover)



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A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas  
**TREE HAZARD EVALUATION FORM** 2nd Edition

Site/Address: S Pacific Avenue (ROW)  
 Map/Location: \_\_\_\_\_  
 Owner: public  private \_\_\_\_\_ unknown \_\_\_\_\_ other \_\_\_\_\_  
 Date: 1/6/2024 Inspector: Jeff Gerhardt  
 Date of last inspection: \_\_\_\_\_

HAZARD RATING:						
1	+	3	+	4	=	8
Failure Potential		Size of part		Target Rating	=	Hazard Rating
_____ Immediate action needed						
_____ Needs further inspection						
_____ Dead tree						

**TREE CHARACTERISTICS**

Tree #: 1 Species: red alder  
 DBH: 25" # of trunks: 1 Height: 50' Spread: 25'  
 Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed  
 Crown class:  dominant  co-dominant  intermediate  suppressed  
 Live crown ratio: 60 % Age class:  young  semi-mature  mature  over-mature/senescent  
 Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  cabled/braced  
 none  multiple pruning events Approx. dates: \_\_\_\_\_  
 Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

**TREE HEALTH**

Foliage color:  normal  chlorotic  necrotic Epicormics? Y  N  
 Foliage density:  normal  sparse Leaf size:  normal  small Growth obstructions:  
 stakes  wires/ties  signs  cables  
 Annual shoot growth:  excellent  average  poor Twig Dieback? Y  N  
 curb/pavement  guards  
 Woundwood development:  excellent  average  poor  none  other \_\_\_\_\_  
 Vigor class:  excellent  average  fair  poor  
 Major pests/diseases: \_\_\_\_\_

**SITE CONDITIONS**

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest  
 Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break  
 Irrigation:  none  adequate  inadequate  excessive  trunk wetted  
 Recent site disturbance? Y  N  construction  soil disturbance  grade change  line clearing  site clearing  
 % dripline paved: 0%  10-25% 25-50% 50-75% 75-100% Pavement lifted? Y  N  
 % dripline w/ fill soil: 0%  10-25% 25-50% 50-75% 75-100%  
 % dripline grade lowered:  0% 10-25% 25-50% 50-75% 75-100%  
 Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_\* aspect: \_\_\_\_\_  
 Obstructions:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_  
 Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow  
 Prevailing wind direction: S/SW Occurrence of snow/ice storms  never  seldom  regularly

**TARGET**

Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines  
 Can target be moved? Y  N Can use be restricted? Y  N  
 Occupancy:  occasional use  intermittent use  frequent use  constant use

The International Society of Arboriculture assumes no responsibility for conclusions or recommendations derived from use of this form.

**TREE DEFECTS**

**ROOT DEFECTS:**

Suspect root rot: Y  N Mushroom/conk/bracket present: Y  N ID: \_\_\_\_\_  
 Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low  
 Root pruned: \_\_\_\_\_ distance from trunk Root area affected: \_\_\_\_\_% Buttress wounded: Y  N When: \_\_\_\_\_  
 Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low  
 LEAN:  Q deg. from vertical  natural  unnatural  self-corrected Soil heaving: Y  N  
 Decay in plane of lean: Y  N Roots broken Y  N Soil cracking: Y  N  
 Compounding factors: \_\_\_\_\_ Lean severity:  severe  moderate  low

**CROWN DEFECTS:** Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

**HAZARD RATING**

Tree part most likely to fail: Tops or entire tree Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe  
 Inspection period: \_\_\_\_\_ annual \_\_\_\_\_ biannual \_\_\_\_\_ other \_\_\_\_\_ Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm);  
 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)  
 Failure Potential + Size of Part + Target Rating = Hazard Rating Target rating: 1 - occasional use; 2 - intermittent use;  
 3 - frequent use; 4 - constant use  
1 + 3 + 4 = 8

**HAZARD ABATEMENT**

Prune:  remove defective part  reduce end weight  crown clean  thin  raise canopy  crown reduce  restructure  shape  
 Cable/Brace: \_\_\_\_\_ Inspect further:  root crown  decay  aerial  monitor  
 Remove tree: Y  N Replace? Y  N Move target: Y  N Other: \_\_\_\_\_  
 Effect on adjacent trees:  none  evaluate  
 Notification:  owner  manager  governing agency Date: 1/2024

**COMMENTS**

See report

# City of Cannon Beach Right-of-Way/Property Owned by the City Tree Removal Application

Please fill out this form completely. Please type or print.

**Applicant Name:** The City of Cannon Beach

Mailing Address: PO Box 368, Cannon Beach, Or 97110

Phone: 503-436-8048 Email: Mount@ci.cannon-beach.or.us

**Abutting Property Owner Name:** Kristina Berney

Mailing Address: 3827 NW Astor Street Camas, WA 98607

Phone: 360-907-4140 Email: mlabadie@comcast.net

**Property Location:** S Pacific Ave **Map/Tax Lot Number:** 41006BC05700

**The city shall issue a tree removal permit if one of the following criteria is met. Please circle the letter of the criteria that applies.**

These criteria require a Tree Removal Report from an International Society of Arboriculture (ISA) Certified Arborist:

- A. You are constructing a structure or development approved and allowed by pursuant to Cannon Beach Municipal Code 17.70.030, which involves any form of ground disturbance; including required vehicular and utility access. **SEE ATTACHMENT A – Removing Trees Because of Construction.**
- B. Removal of a tree for the health and vigor of surrounding trees.

These criteria require an ISA Tree Hazard Evaluation Form prepared by an ISA Certified Arborist:

- C. The tree presents a safety hazard, where:
  - 1. The condition or location of the tree presents either a foreseeable danger to public safety, or a foreseeable danger of property damage to an existing structure; and,
  - 2. Such hazard or danger cannot reasonably be alleviated by pruning or treatment of the tree.
- D. The tree was damaged by storm, fire or other injury, which cannot be saved by pruning.

You must submit a tree removal permit with a reason if:

- E. The tree is dead.
- F. Tree removal is necessary to provide solar access to a solar energy system where pruning will not provide adequate solar access:
  - 1. The city may require documentation that a device qualifies for Oregon Department of Energy Solar Tax Credit, or other incentive for installation of solar devices offered by a utility.
  - 2. No tree measuring more than 24 inches in diameter shall be removed for solar access.
- G. Tree removal is for landscaping purposes, subject to the following conditions:
  - 1. The tree cannot exceed 10 inches in diameter.
  - 2. A landscape plan for the affected area must be submitted and approved by the City.
  - 3. The landscape plan must incorporate replacement trees for the trees removed. The replacement trees must be at least six feet in height or have a two-inch caliper; and,
  - 4. The City shall inspect the property one year after the approval of the permit to ensure the landscape plan has been implemented.

**If your tree presents an immediate danger of collapse** and if such potential collapse represents a clear and present hazard to persons or property, **please contact the Community Development Director (CDD)**. If it is determined by the CDD that there is an immediate danger, then a tree removal permit is not required prior to tree removal. However, within seven days after the tree removal, the tree owner shall make application for an after-the-fact permit. Where a tree presents an immediate danger of collapse, a complete ISA Tree Hazard Evaluation Form prepared by a certified arborist is not required. Where a safety hazard exists, as defined by this subsection, the city may require the tree's removal. If the tree has not been removed after forty-eight hours, the city may remove the tree and charge the costs to the owner.

Attach a site plan showing the location and type of all trees on the property, including the trees to be removed. Indicate the location of replacement trees and the type. SEE ATTACHMENT B – Site Plan. Attach photos of the trees to be removed and mark the trees with ribbon.

Explain how the request meets one or more of the applicable criteria. Include the number and type of trees requested for removal. If appropriate, explain why pruning would not accomplish the same goal as tree removal.



Application fee: \$50.00 for 1-4 trees; \$100 for 5 or more trees

**Note:** The application fee is a **nonrefundable** fee that is due upon receipt of application, whether the removal request is approved or denied.

Municipal Code Section 17.70.030.I. For tree removal requests of trees located in a street right-of-way, or on property owned by the city, property owners within one hundred feet of the tree(s) requested for removal shall be notified of the proposed action. The notification shall also be posted on the city's website, and on the bulletin board at City Hall, and at the Post Office. In making its decision on such a tree removal request, the city shall consider comments received within ten days of the date of the mailing of the property owner notification. To be considered, comments must address the tree removal criteria of Section 17.70.020. Any person who has commented on the tree removal request shall be notified of the city's decision and may appeal that decision in accordance with subsection H.

Applicant Signature *Ju Ra* Date: 1/17/24

I understand, as the applicant signature, the cost of the tree removal and cleanup is my full responsibility and I am responsible if an approved tree removal permit is violated in any way. I must comply with all City requirements included with the approval, and I must notify the City 48-hours prior to the removal.



Date: \_\_\_\_\_ Fee Paid: \$ \_\_\_\_\_ Receipt Number: \_\_\_\_\_ Permit #: \_\_\_\_\_

Date Notice Mailed: \_\_\_\_\_ Date of 10-day waiting period: \_\_\_\_\_

Comments Received: Yes  No  Application is:  Approved  Denied

Approved - Tree replacement required per Cannon Beach Municipal Code 17.70.040, Tree Replacement Policy.

Approved with comments:

By: \_\_\_\_\_ Date: \_\_\_\_\_

Decisions on the issuance of a tree removal permit may be appealed to the Planning Commission in accordance with Section 17.88.140 a, of the Municipal Code.

## **ATTACHMENT A**

### **Removing Trees Because of Construction**

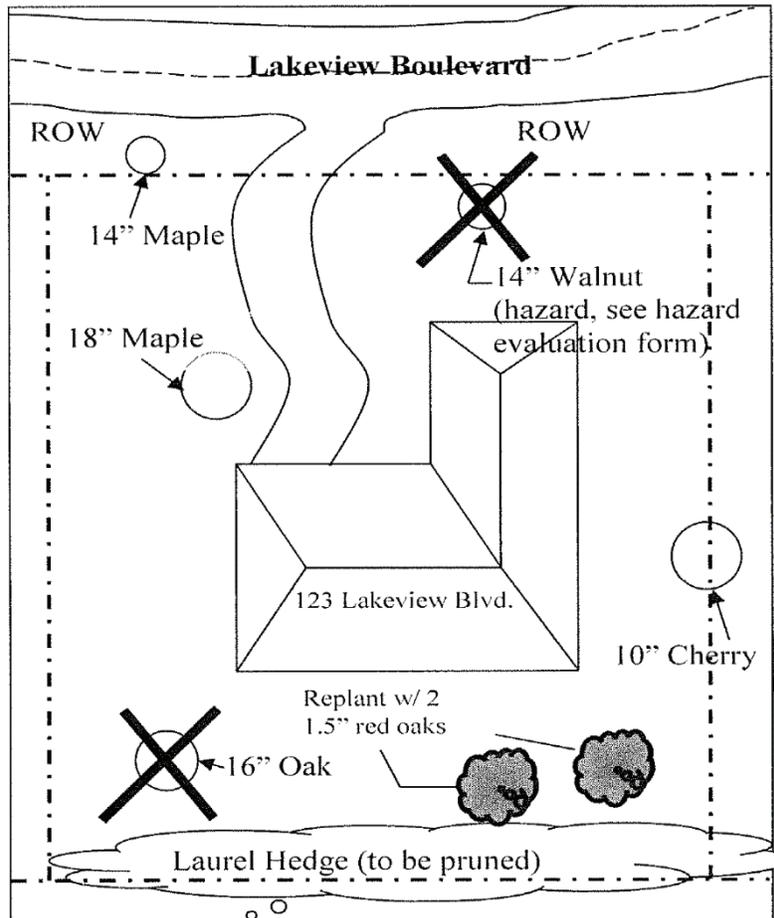
If you are constructing a structure or development which involves any kind of ground disturbance; including required vehicular or utility access, prior to beginning construction, you must:

- 1) Contact a certified arborist
- 2) If the certified arborist determines that no trees will be affected by the proposed construction, then the certified arborist should write a letter stating these findings. **NOTE:** The City reserves the right to have the City Arborist review all arborist recommendations and make an independent report for Administrative review. All administrative decisions may be appealed.
- 3) If the certified arborist determines that trees will be affected,
  - a. A site plan must be submitted with a Tree Removal permit. The Site Plan should indicate the location of all trees over 6" DBH on the subject property or off-site (in the adjoining right-of-way or on adjacent property) whose root structure might be impacted by excavation associated with the proposed structure, or by soil compaction caused by vehicular traffic or storage of materials.
  - b. Measures must be taken to avoid damaging trees not proposed for removal, both on the subject property and off-site (in the adjoining right-of-way or on adjacent property).
  - c. The area where a tree's root structure might be impacted by excavation, or where soil compaction caused by vehicular traffic or storage of materials might affect a tree's health, shall be known as a Tree Protection Zone (TPZ).
  - d. Prior to construction the TPZ shall be delineated by hi-visibility fencing a minimum of 3.5 feet tall, which shall be retained in place until completion of construction. Vehicular traffic, excavation and storage of materials shall be prohibited within the TPZ.

**The city may require the replanting of trees to replace those being removed.**

## ATTACHMENT B SITE PLAN EXAMPLE FOR A TREE REMOVAL APPLICATION

A site plan is required as part of your tree removal request. The site plan should be on an 8.5" x 11" size paper, or larger and include the following information.



### Items to include on your Site Plan:

- Address of the Tree Removal Site;
- Property lines;
- Public Right of Way, including the name of any streets;
- Existing or proposed structures;
- Creeks, Streams, or any other natural features;
- Location of any existing 6" or larger tree, as measured from breast height (approximately 4' from the ground), with diameter size and type of tree;
- Please indicate by clearly marking those proposed for removal with an "X"

Within 24 Hours of submitting your application, mark the tree(s) with yellow ribbon.