DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT
ENVIRONMENTAL COORDINATOR
450 100th Ave NE., P.O. BOX 90012
BELLEVUE, WA 98009-9012

# DETERMINATION OF NON-SIGNIFICANCE

**PROPONENT:** Alison Cole

**LOCATION OF PROPOSAL:** 13007 NE 28th Street

**NAME & DESCRIPTION OF PROPOSAL:**

Application for a Clearing and Grading Permit with SEPA threshold determination for the removal of two conifer trees adjacent to Goff Creek, a Type F stream, deemed to be hazardous by a certified arborist and on-site restoration with the planting to two similar conifer trees.

**FILE NUMBER:** 09-113719-GJ

The Environmental Coordinator of the City of Bellevue has determined that this proposal does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(C). This decision was made after the Bellevue Environmental Coordinator reviewed the completed environmental checklist and information filed with the Land Use Division of the Department of Planning & Community Development. This information is available to the public on request.

☐ There is no comment period for this DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's office by 5:00 p.m. on March 16, 2006.

X This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's Office by 5 p.m. on July 23, 2009.

☐ This DNS is issued under WAC 197-11-340(2) and is subject to a 14-day comment period from the date below. Comments must be submitted by 5 p.m. on _____. This DNS is also subject to appeal. A written appeal must be filed in the City Clerk's Office by 5 p.m. on _____.

This DNS may be withdrawn at any time if the proposal is modified so that it is likely to have significant adverse environmental impacts; if there is significant new information indicating, or on, a proposals probable significant adverse environmental impacts (unless a non-exempt license has been issued if the proposal is a private project): or if the DNS was procured by misrepresentation or lack of material disclosure.

Environmental Coordinator — July 9, 2009
Date

OTHERS TO RECEIVE THIS DOCUMENT:
State Department of Fish and Wildlife
State Department of Ecology,
Army Corps of Engineers
Attorney General
Muckleshoot Indian Tribe

City of Bellevue Submittal Requirements | **27a**

## ENVIRONMENTAL CHECKLIST

4/18/02

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.

### BACKGROUND INFORMATION

Property Owner: Allen & Alison Cole

REVIEWED
By Kevin LeClair at 2:58 pm, Jun 15, 2009

Proponent:

Contact Person:
(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: 13007 NE 28th Street

Phone:

Proposal Title: Hazardous tree removal

Proposal Location:
(Street address and nearest cross street or intersection) Provide a legal description if available.

Please attach an 8 ½" x 11" vicinity map that accurately locates the proposal site.

Give an accurate, brief description of the proposal's scope and nature:

1. General description: Remove two hazardous trees and replant two new trees
2. Acreage of site: ¼ acre
3. Number of dwelling units/buildings to be demolished: None
4. Number of dwelling units/buildings to be constructed: None
5. Square footage of buildings to be demolished: N/A
6. Square footage of buildings to be constructed: N/A
7. Quantity of earth movement (in cubic yards): N/A
8. Proposed land use: N/A
9. Design features, including building height, number of stories and proposed exterior materials: N/A
10. Other

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Estimated date of completion of the proposal or timing of phasing:

5-6-09 tree removal
5-12-09 tree planting

Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No

List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

N/a

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. List dates applied for and file numbers, if known.

5-5-09 verbal approval given by Kevin LeClair to Evergreen Tree Service

Confirmed by Kevin LeClair Approval was given based on evaluation by arborist on site at the time.

List any government approvals or permits that will be needed for your proposal, if known. If permits have been applied for, list application date and file numbers, if known.

City of Bellevue 5/19/09

Please provide one or more of the following exhibits, if applicable to your proposal.
(Please check appropriate box(es) for exhibits submitted with your proposal):

Land Use Reclassification (rezone) Map of existing and proposed zoning

Preliminary Plat or Planned Unit Development
Preliminary plat map

X Clearing & Grading Permit
Plan of existing and proposed grading
Development plans

Building Permit (or Design Review)
Site plan
Clearing & grading plan

Shoreline Management Permit
Site plan

A. ENVIRONMENTAL ELEMENTS

**1. Earth**

a. General description of the site: Flat Rolling Hilly ✓Steep slopes Mountains ✓Other

b. What is the steepest slope on the site (approximate percent slope)?

30%

c. What general types of soil are found on the site (for example, clay, sand, gravel, peat, and muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

gravel & dirt

**REVIEWED**
**By Kevin LeClair at 3:03 pm, Jun 15, 2009**

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

NO

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

N/a

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Some slight erosion could occur from foot traffic during the tree removal process

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

None

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Stumps of removed trees have been left to aid in soil retention & logs have been placed along the embankment

## 2. AIR

a. What types of emissions to the air would result from the proposal (i.e. dust, automobile odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

None

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

NO

c. Proposed measures to reduce or control emissions or other impacts to the air, if any:

N/a

**REVIEWED**
**By Kevin LeClair at 3:04 pm, Jun 15, 2009**

## 3. WATER

a. Surface

(1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If

appropriate, state what stream or river it flows into.

Yes, Goff Creek runs along the site

(2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If Yes, please describe and attach available plans.

Yes, the tree removal & replacement

(3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None

(4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

(5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

(6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground

(1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description.

No

(2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None

**REVIEWED**
**By Kevin LeClair at 3:04 pm, Jun 15, 2009**

c. Water Runoff (Including storm water)

(1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

N/a

(2) Could waste materials enter ground or surface waters? If so, generally describe.

NO

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

N/a

**4. Plants**

a. Check or circle types of vegetation found on the site:

✓ deciduous tree: alder, maple, aspen, other

✓ evergreen tree: fir, cedar, pine, other

✓ shrubs

✓ grass

pasture

crop or grain

✓ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other

water plants: water lily, eelgrass, milfoil, other

✓ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

1 western red cedar
1 Douglas fir

c. List threatened or endangered species known to be on or near the site.

None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Plant two Leyland Cypress
Plant Sword fern, salal, salmonberry, red osier dogwood

REVIEWED
By Kevin LeClair at 3:04 pm, Jun 15, 2009

5. ANIMALS

a. Check or circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

✓Birds: hawk, heron, eagle, (songbirds) other: woodpeckers, bluejays, ducks

✓Mammals: deer, bear, elk, beaver, other: mountain beaver, raccoons, rabbits, squirrels, coyote

Fish: bass, salmon, trout, herring, shellfish, other.

b. List any threatened or endangered species known to be on or near the site.

None

c. Is the site part of a migration route? If so, explain.

No

d. Proposed measures to preserve or enhance wildlife, if any: planting of new trees & plants will enhance wildlife

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy need? Describe whether it will be used for heating, manufacturing, etc.

N/a

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

N/a

c. What kinds of energy conservation features are included in the plans of the proposal? List other proposed measures to reduce or control energy impacts, if any:

N/a

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No

(1) Describe special emergency services that might be required.

N/a

(2) Proposed measures to reduce or control environmental health hazards, if any.

N/a

**REVIEWED**
*By Kevin LeClair at 3:04 pm, Jun 15, 2009*

b. Noise

(1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)?

None

(2) What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example, traffic, construction, operation, other)? Indicate what hours noise would come from the site.

chainsaws & chippers 9:30am - 12:30pm
over two days (9:30 am - 11 am day 1
and 11:30 - 12:30 day 2)

(3) Proposed measures to reduce or control noise impacts, if any:

None

**8. Land and Shoreline Use**

a. What is the current use of the site and adjacent properties?

Residential

b. Has the site been used for agriculture? If so, describe.

NO

c. Describe any structures on the site.

Single family home with attached two-car garage

d. Will any structures be demolished? If so, what?

NO

e. What is the current zoning classification of the site?

Residential

f. What is the current comprehensive plan designation of the site?

N/a

g. If applicable, what is the current shoreline master program designation of the site?

N/a

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Yes - Goff Creek

I. Approximately how many people would reside or work in the completed project?

N/a

j. Approximately how many people would the completed project displace?

N/a

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/a

**REVIEWED**
**By Kevin LeClair at 3:05 pm, Jun 15, 2009**

i. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

N/a

**9. Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/a

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/a

c. Proposed measures to reduce or control housing impacts, if any:

N/a

**10. Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/a

b. What views in the immediate vicinity would be altered or obstructed? N/a

c. Proposed measures to reduce or control aesthetic impacts, if any: N/a

**11. Light and Glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? N/a

b. Could light or glare from the finished project be a safety hazard or interfere with views? N/a

**REVIEWED**
*By Kevin LeClair at 3:05 pm, Jun 15, 2009*

c. What existing off-site sources of light or glare may affect your proposal? N/a

d. Proposed measures to reduce or control light or glare impacts, if any: N/a

**12. Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

None

b. Would the proposed project displace any existing recreational uses? If so, describe.

NO

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

N/a

**13. Historic and Cultural Preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

NO

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.

N/a

c. Proposed measures to reduce or control impacts, if any: N/a

**14. Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. N/a

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

N/a

c. How many parking spaces would be completed project have? How many would the project eliminate?

N/a

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not Including driveways? If so, generally describe (indicate whether public or private).

N/a

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

N/a

**REVIEWED**
**By Kevin LeClair at 3:05 pm, Jun 15, 2009**

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

N/a

g. Proposed measures to reduce or control transportation impacts, if any:

N/a

**15. Public Services**

a. Would the project result in an increased need for the public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. NO

b. Proposed measures to reduce or control direct impacts on public services, if any.

N/a

**16. Utilities**

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

N/a

**Signature**

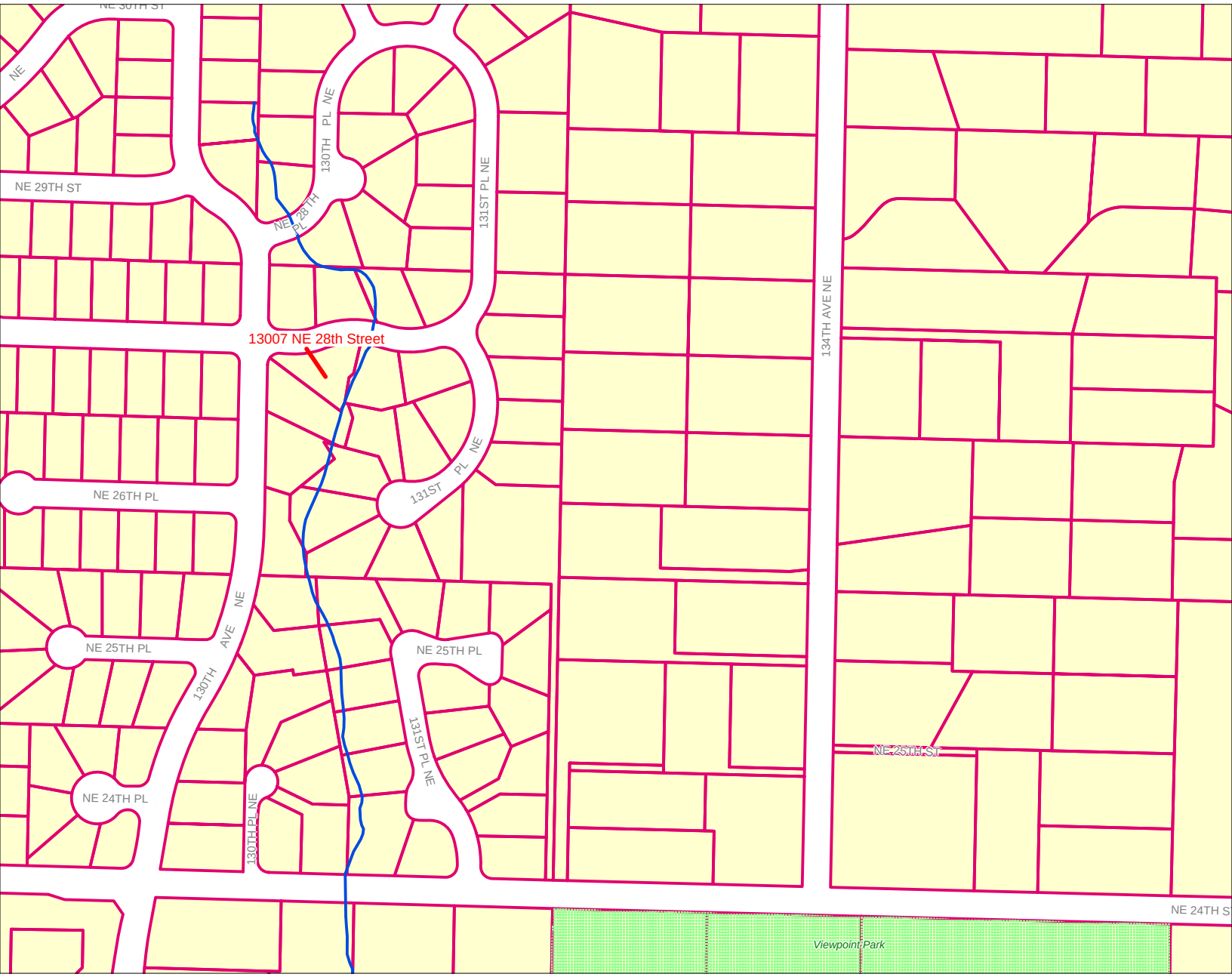
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature Alison Abs.

Date Submitted 5.19.09

**APPROVED**
**By Kevin LeClair at 3:05 pm, Jun 15, 2009**

# Cole Hazard Tree Removal and Restoration (09-113719-GJ) Vicinity Map




SCALE 1 : 3,698

200 0 200 400 600

FEET

N

Monday, June 15, 2009 2:42 PM

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

# TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 13007 NE 28th ST BELLEVUE 98005

Map/Location: _____

Owner: public _____ private X unknown _____ other _____

Date: 5/7/09 Inspector: [illegible] Brenna Erickson

Date of last inspection: _____

**HAZARD RATING:**

3 (Failure Potential) + 4 (Size of part) + 4 (Target Rating) = 11 (Hazard Rating)

X Immediate action needed

_____ Needs further inspection

_____ Dead tree

## TREE CHARACTERISTICS

Tree #: 1 Species: WESTERN RED CEDAR

DBH: 29" # of trunks: 1 Height: 120 FT Spread: 20 FT

**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

**Annual shoot growth:** ☐ excellent ☒ average ☐ poor **Twig Dieback?** Y N

**Woundwood development:** ☐ excellent ☒ average ☐ poor ☐ none

**Vigor class:** ☐ excellent ☒ average ☐ fair ☐ poor

**Growth obstructions:** ☐ stakes ☐ wire/ties ☐ signs ☐ cables ☐ curb/pavement ☐ guards ☐ other _____

**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 wettled

**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:** 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.

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## 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:** 70 % **Buttress wounded:** (Y) N **When:** _____

**Restricted root area:** ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☒ severe ☐ moderate ☐ low

***LEAN:*** 60% 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: FULL TREE

Inspection period: _____ annual _____ biannual _____ other N/A

Failure Potential + Size of Part + Target Rating = Hazard Rating

3 + 4 + 4 = 11

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

## 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:** 5/

## COMMENTS

RECOMMEND REMOVAL AND REPLANT

Specimen: TREE HAZARD EVALUATION FORM, Page 2

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

# TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 13007 NE 28th ST BELLEVUE WA 98005

Map/Location: _____

Owner: public _____ private X unknown _____ other _____

Date: 5/7/09 Inspector: H Bryant Fredrickson

Date of last inspection: _____

**HAZARD RATING:**

3 (Failure Potential) + 2 (Size of part) + 4 (Target Rating) = 9 (Hazard Rating)

X Immediate action needed

_____ Needs further inspection

_____ Dead tree

## TREE CHARACTERISTICS

Tree #: 1 Species: DOUGLAS FIR

DBH: 16 # of trunks: 1 Height: 60ft Spread: 10ft

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

Annual shoot growth: ☐ excellent ☒ average ☐ poor Twig Dieback? Y N

Woundwood development: ☐ excellent ☒ average ☐ poor ☐ none

Vigor class: ☐ excellent ☒ average ☐ fair ☐ poor

Major pests/diseases: _____

Growth obstructions:

☐ stakes ☐ wire/ties ☐ signs ☐ cables

☐ curb/pavement ☐ guards

☐ other _____

## 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 wettled

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: 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? (N)

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☒ constant use

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Specimen: TREE HAZARD EVALUATION FORM, Page 1

RECEIVED
MAY 10 2009
PERMIT PROCESSING

## 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:** 60 % **Buttress wounded:** Y (N) **When:** _____

**Restricted root area:** ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☑ severe ☐ moderate ☐ low

***LEAN:*** _____ 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:** STREAM UNDERMINING ROOTS **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: FULL TREE

Inspection period: _____ annual _____ biannual _____ other N/A

Failure Potential + Size of Part + Target Rating = Hazard Rating

3 + 2 + 4 = 9

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

## 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:** 5/7/09

## COMMENTS

(REMOVAL AND REPLANT)

Specimen: TREE HAZARD EVALUATION FORM, Page 2

9/13/07

# Tree Hazard Declaration

Department of Planning & Community Development

This form is required for the removal of hazardous trees within:

- Critical or Protected Areas as defined by Bellevue Land Use Code (LUC 20.25H), i.e. stream corridors, wetlands, steep slopes and floodplains.
- A Native Growth Protection Area (NGPA) or Native Growth Protection Easement (NGPE)
- A Retained Vegetation Area (RVA) (Including Significant Trees required to be retained on non-residential sites).

All the statements below must be checked and attested to by an International Society of Arboriculture CERTIFIED ARBORIST prior to the removal of any tree(s) in the areas listed above.

☑ The tree(s) proposed for removal have been certified as hazardous.

☑ The potential target(s) cannot be moved.

☑ Pruning, partial removal of parts of the tree(s) or other risk mitigation measures will not alleviate the hazard or are not feasible. (Explain what measures were considered and why they were not feasible.)

☑ A COPY OF A COMPLETED INTERNATIONAL SOCIETY OF ARBORICULTURE "TREE HAZARD EVALUATION FORM" OR AN EQUIVALENT TREE RISK ASSESSMENT MUST BE INCLUDED WITH THIS FORM. ONE TREE HAZARD EVALUATION OR ASSESSMENT MUST BE COMPLETED PER TREE.

RECEIVED
MAY 19 2009
PERMIT PROCESSING

Comments:

Arborist Contact Information:

Name(Print): H. Bean Erickson Arborist Certification #: PN-6223A

Company: Evergreen Tree Care

Phone #: (206) 713-1576

Signature of Arborist: HBE Date: 5/9/09

PLEASE NOTE: If the City of Bellevue does not agree with the Tree Hazard Evaluation provided by your Certified Arborist, the City of Bellevue may contract with a third-party, consulting arborist to evaluate the relative risk of the tree(s), prior to taking action on the permit. The applicant may be responsible for the cost of the third-party evaluation.