WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: Lower Jensen

2. Name of applicant: *White River Forests LLC.*
3. Address and phone number of applicant and contact person:
B. Michael Malgarini 360-879-5827
Hancock Forest Management
31716 Camp 1 Road
Enumclaw, WA 98022

4. Date checklist prepared: August 1, 2006
5. Agency requesting checklist: *Washington Department of Natural Resources*
6. Proposed timing or schedule (including phasing, if applicable): *between August 2006 and June 2008*

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. *No.*

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. *Terrain Assessment for Harvest unit #W0187 by Golder Associates Ltd. July, 2006.*

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. *No*

10. List any government approvals or permits that will be needed for your proposal, if known. *An approved WA State Forest Practice Notification, Washington Department of Fish and Wildlife hydraulics permit #103745-1*

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Clearcut harvest operation on approximately 35.1 acres of private ownership zoned for long-term forestry use.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

This harvest unit is located on the South slope of the lower reach of Jensen creek, 8 miles east of Enumclaw Washington. Legal description for this unit is T19N R08E Sections 16 and 21. The area is accessed from the 6010 road system.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): Flat, rolling, hilly, **steep slopes**, mountainous, other . . . . . .

b. What is the steepest slope on the site (approximate percent slope)? **120%**

120% in RMZ
80% in Unit 86

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. *Pitcher sandy loams, Kaleetan, Littlejohn and Olomount, See "Terrain Assessment, Harvest Unit W0187, by Golder Associates" for detailed soil types.*

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *Deep-seated bedrock landslide features ~~and others~~, please reference "Terrain Assessment, Harvest Unit W0187, by Golder Associates"*

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.

Yes, slopes that have a potential to deliver to typed waters that connect to fish bearing streams will be grass seeded and straw or slash thrown on them. yarding scars from cable logging.

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: *Forested reserves on potentially unstable landforms adjacent to Jensen Creek. Option number 1 RMZ buffer on the fish bearing water Jensen creek.*

a. **Air**

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

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *None*

c. Proposed measures to reduce or control emissions or other impacts to air, if any: *Standard automobile emission control devices*

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EVALUATION FOR AGENCY USE ONLY

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. *The harvest unit is bounded on one side by Jensen creek, which flows into the Clearwater river.* Ns water is in tagged out area of potentially unstable area. [illegible]

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. *We will be hanging lines over the F and NP waters following the conditions in HPA # 103745-1.* 4Ns [illegible]

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, purpose, and approximate quantities if known. *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. *Not applicable*

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c. Water runoff (including stormwater):

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. *Not applicable*

2) Could waste materials enter ground or surface waters? If so, generally describe. *Not applicable*

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: *Forested riparian reserves, cable yarding operations on steep slopes, low-impact mechanized yarding operations on moderately steep slopes.*

4. **Plants**

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

X deciduous tree: alder, maple, aspen, other

X evergreen tree: fir, cedar, pine, other

X shrubs

X grass

——— pasture

——— crop or grain

——— wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

——— water plants: water lily, eelgrass, milfoil, other

X other types of vegetation

b. What kind and amount of vegetation will be removed or altered? *Approximately 35.1 acres of primarily 60 year old evergreen timber stands will be removed.*

c. List threatened or endangered species known to be on or near the site. *None*

No issue per Don Nauer + Noelle Nordstrom JS 8/7

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: *Not applicable*

5. **Animals**

a. 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**:
mammals: **deer, bear, elk**, beaver, other:
fish: bass, salmon, **trout**, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site. *None on the site,*

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

d. Proposed measures to preserve or enhance wildlife, if any: *Open forage area for animals.*

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 needs? Describe whether it will be used for heating, manufacturing, etc. *Not applicable*

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. *No*

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: *Not applicable*

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. *Not applicable*

1) Describe special emergency services that might be required. *Not applicable*

2) Proposed measures to reduce or control environmental health hazards, if any: *Not applicable*

b. **Noise**

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

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

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EVALUATION FOR
AGENCY USE ONLY

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? *Long-term forestry*

b. Has the site been used for agriculture? If so, describe. *Forest products only*

c. Describe any structures on the site. *None*

d. Will any structures be demolished? If so, what? *No*

e. What is the current zoning classification of the site? *Agriculture, long-term forestry*

f. What is the current comprehensive plan designation of the site? *Not applicable*

g. If applicable, what is the current shoreline master program designation of the site? *Not applicable*

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. *Yes, the steep slope in the unit are described in the report.* With potential to deliver. JS

Terrain

i. Approximately how many people would reside or work in the completed project? *None*

j. Approximately how many people would the completed project displace? *None*

k. Proposed measures to avoid or reduce displacement impacts, if any: *Not applicable*

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: Completed Forest Practice Notification

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. *Not applicable*

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. *Not applicable*

c. Proposed measures to reduce or control housing impacts, if any: *Not applicable*

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? *Not applicable*

b. What views in the immediate vicinity would be altered or obstructed? *Not applicable*

c. Proposed measures to reduce or control aesthetic impacts, if any: *Not applicable*

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? *Not applicable*

b. Could light or glare from the finished project be a safety hazard or interfere with views? *Not applicable*

c. What existing off-site sources of light or glare may affect your proposal? *Not applicable*

d. Proposed measures to reduce or control light and glare impacts, if any: *Not applicable*

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EVALUATION FOR AGENCY USE ONLY

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity? *Hiking, walking*

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: *Maintain forest roads in and adjacent to the harvest unit at a high maintenance standard.*

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, archaeological, scientific, or cultural importance known to be on or next to the site. *None*

c. Proposed measures to reduce or control impacts, if any: *None*

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. *None serve the immediate site.*

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? *No*

c. How many parking spaces would the completed project have? How many would the project eliminate? *None*

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). *No*

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EVALUATION FOR AGENCY USE ONLY

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. *No*

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. *Not applicable*

g. Proposed measures to reduce or control transportation impacts, if any: *Not applicable*

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. *Not applicable*

b. Proposed measures to reduce or control direct impacts on public services, if any. *Not applicable*

16. **Utilities**

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. *Not applicable*

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. *Not applicable*

C. 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: B. Kind

Date Submitted: 8-1-06