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:
   Cresap RUP Section 26 T4N R3E – (Road Use Permit # 50-084740

2. Name of applicant:
   State of Washington, Department of Natural Resources and Kaski Logging Inc.

3. Address and phone number of applicant and contact person:
   Michelle Metcalf
   Department of Natural Resources
   P.O. Box 280
   Castle Rock, WA 98611
   (360) 577-2025

4. Date checklist prepared: **March 31, 2009**
5. Agency requesting checklist: **Department of Natural Resources (DNR)**

6. Proposed timing or schedule (including phasing, if applicable):

Summer 2009 – Fall 2010

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.

Spotted owl habitat mapping, marbled murrelet habitat maps, Forest Practices Activity Maps, WAU maps for rain-on-snow areas, Policy for Sustainable Forests (PSF) (December, 2006), State Soil Survey, DNR GIS databases, Habitat Conservation Plan (January, 1997), HCP Checklist, Weighted Old Growth Habitat Index (WOGHI), Slope Stability Checklist, Planning and Tracking Special Concerns Report and associated maps, RMAP# 2900971.

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.

A WADNR Resource Management Road Use Permit Application has also been submitted and is awaiting approval.

DNR FPA No. 2919833

10. List any government approvals or permits that will be needed for your proposal, if known.

Forest Practice Application No. 2919296 (Class III) addresses road construction activity and harvest activity on Cresap land.

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.)

The Department of Natural Resources anticipates issuing a Road Use Permit to Kaski Logging Inc. at the conclusion of the SEPA process to authorize the road re-construction across State land, and the subsequent hauling of approximately 420 MBF of timber that will be removed from Cresap property adjacent to State land.

Issuance of a Road Use Permit will allow the use of approximately 0.6 miles of existing road (28' width, 2ac) on State property that will need to be re-constructed. The right of way will be approximately 28 feet in width, 3,250 feet in length, and contains approximately 2 acres of ground. The road running surface will be 12 feet in width.

The road re-construction on State land will provide Kaski Logging Inc. access to a 20-acre even age timber harvest unit on Michael Cresap ownership in Section 27, Township 4 North, Range 3 East, W. M. Kaski Logging Inc will need to re-construct 3,250 feet of road on State land to access this property. The Cresap timber harvest by Kaski Logging Inc. will be conducted under Forest Practices Application No 2919296 (Class III).

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.

NW ¼ Section 26 Township 4 North, Range 3 East, W.M.

The proposal is located approximately 8 miles east of Battleground, WA. Heading east from Battleground take NE 219th until NE 182nd Ave. From 182nd travel northbound until you reach Allworth Rd. Head east on Allworth and then northeast on Berry Rd. Travel on Berry Road until you meet the BG-2000 gate on the left hand side and follow the BG-2000 up to the BG-2040 Rd.

TO BE COMPLETED BY APPLICANT EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

General description of the site: **Flat**, rolling, hilly, steep slopes, mountainous, other .....

The area is flat and gentle terrain. Slope is less than 10% for most locations.

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

15%.

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.

Soil Type

Kinney (#3909, 3913, 3915)
Skoly Rock Outcrop Complex (#7408)

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

No indicators of slope instability are visible within the project area.

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

New road will be graded and rolled prior to rocking.

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

There is potential for some minimal erosion to occur as a result of road construction activities and road use associated with this proposal. Road construction will conform to Forest Practices regulations. Management techniques identified below have been identified to minimize the risk of erosion.

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

Approximately 37 percent of the project will be impervious surface and will be utilized as sub-grade and running surface of the road.

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

All roads have been located on as gentle ground as possible in order to reduce the amount of excavation, road cuts, and sidecast required, and will be built to allow for proper drainage as prescribed in the Forest Practices Act. Proper road construction design/location, good construction techniques, effective permit administration and normal road maintenance all should minimize the erosion potential. Ditching, out sloping, monitoring, and grass seeding will be utilized. All proposed measures will meet and/or exceed Forest Practices regulations.

2. Air

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.

Proposed road construction will involve vehicle emissions and some dust associated with movement of soil and placement and grading of rock. Log hauling activities will result in vehicle emissions and possible dust, but should result in minimal impact to air quality.

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

Similar vehicle emissions and dust are common to forest management use of gravel roads.

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

None

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.

No.

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.

NA

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.

Yes. Water that is intercepted by the road surface and ditches will be diverted onto the adjacent undisturbed forest floor.

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

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.

Snow melt and rain are the main sources of water runoff. Runoff that is intercepted by road surfaces and ditches will be diverted onto the undisturbed adjacent ground where possible. Storm water run-off will be diverted from the ditch line to the forest floor by either cross-ditch or culvert installation.

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:

On roads, storm runoff will be collected by road ditches and diverted through cross-drains over energy dissipaters and onto the forest floor.

4. **Plants**

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

X_____Deciduous tree: red alder
X_____evergreen tree: Douglas fir
X_____shrubs: Huckleberry, Salmon Berry, Sword fern
Grass
__ Pasture
__ Crop or grain
__ wet soil plants: cattail, buttercup, bullrush, skunk cabbage
__ Water plants: water lily, eelgrass, milfoil,

__ Other types of vegetation

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

The vegetation between the clearing limits on State land will be removed. This includes some merchantable Douglas-fir.

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

There are no threatened or endangered plant species known to be on or near the site.

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

None.

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**, grouse, woodpeckers, sparrows, crows, **various owls**
Mammals: **deer, bear, elk**, beaver, squirrels, coyote, bobcat
Fish: bass, salmon, trout, herring, shellfish

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

None known.

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

The project area is within the Pacific flyway, but is not an area of resting or feeding.

d. Proposed measures to preserve or enhance wildlife, if any:

None.

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.

The completed project will not require energy.

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

Does not apply

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:

None.

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.

Minimal hazard incident to operating or working around heavy machinery.

1) Describe special emergency services that might be required.

Washington Department of Ecology will be notified if any spills occur and appropriate action will be taken.

Proposed measures to reduce or control environmental health hazards, if any:

No oil or lubricants will be disposed of on site. To mitigate potential fire, tools and equipment will be kept on site as required by the Industrial Fire Precaution level in effect for the operation's shutdown zone.

b. Noise

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

There are no existing noises that will affect the project.

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.

During the road construction, maintenance, and harvest activities, there will be some noise associated with heavy equipment, chainsaws, and log truck operations.

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?

The site is currently used for timber production and dispersed recreation activities.

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

No.

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?

Timber Lands

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

Timber Production

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

Does not apply

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

No

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:

Does not apply

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

Historical and existing land use in the immediate vicinity has been for timber production uses. The proposed road construction and use is compatible with this land use.

9. **Housing**

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

Does not apply

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

Does not apply

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

Does not apply

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?

No structures or building will be a part of the project on State land.

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

No views will be obstructed as a result of the project.

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

None

11. **Light and Glare**

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

None

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

Does not apply

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

None

d. Proposed measures to reduce or control light and glare impacts, if any:

None

12. **Recreation**

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

Informal: hunting, hiking, horseback riding, and other dispersed recreation.

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:

None

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. For this proposal, the TRAX system indicates no sites or objects of significance in the project area.

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

A structure was identified on Land Management's 1939 historic topographic map on the proposal area. The site was reviewed with a State Archeologist. Nothing was located on or near the site. The

area around the proposal has been heavily managed and reforested. The trees are approximately 35 years old. Previous to reforestation it appears that earth was tilled by heavy equipment into windrows approximately 3' tall.

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

In the event that any unknown archaeological resources are encountered, ground disturbing activities would be halted and our agency Archeologist will be contacted to survey the site and develop a Site Protection Plan.

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.

See A.12.

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

No. Approximately 8 miles.

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

Does not apply

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).

Yes, See A.11.

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.

As a result of granting a road use permit, during road construction and timber harvest there may be approximately fourteen additional round trips per day. After completion of the harvest, the road will have minimal traffic until the next harvest period.

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

None

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.

None anticipated

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

No impacts on public services are anticipated.

16. **Utilities**

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

None

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.

No utilities are proposed for this project.

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.

Completed By:

Ryan Siebold/Michelle Metcalf

Approved By: Julie Sackett Assistant Region Manager - Asset Management
(Title)

Date: 7/22/09