WAC 197-11-960 Environmental checklist.

TIMBER SALE
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:
   Block 30.557
2. Name of applicant: **Rayonier Forest Resources L.P.**
3. Address and phone number of applicant and contact person:

   116 Quillayute Road,

   Forks, WA

   98331

   Attn: Ian MacIver

   (360) 374-7226
4. Date checklist prepared:
5. Agency requesting checklist: **Department of Natural Resources (DNR)**
6. Proposed timing or schedule (including phasing, if applicable):

   As Soon As Possible (ASAP)
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Yes. Upon completion of the limited harvest, Large Woody Debris placement and artificial reforestation the Quileute Tribe will provide manual vegetation control for a period of two years. The vegetation control work will ensure that the coniferous stand will re-establish, develop and achieve crown closure as soon as possible.

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

1. East – West Dickey Watershed Analysis (not completed) – on file at DNR Olympic Region Office.
2. Letter from Dr. Dan Varland, Wildlife Biologist, Rayonier dated June 20, 2004 – on file at DNR Olympic Region Office.
3. Letter from Hamer Environmental dated June 20, 2004 – on file at DNR Olympic Region Office.
4. Forest Practices Application – on file at DNR Olympic Region Office and available via the DNR's FPARS internet reviewer system.
5. Forest Practices Alternate Plan proposal - on file at DNR Olympic Region Office and available via the DNR's FPARS internet reviewer system.
6. Hydraulics Project Approval to be obtained from WDFW.
7. Quilieute Tribal LWD placement project – Quileute Tribal Office.
8. Comments from WDFW on Murrelet impacts – not completed.

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.

1. SEPA Approval.
2. Forest Practices Permit.
3. Hydraulics Project Approval

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.)

This proposal was initiated by the Quileute Tribe as a stream restoration project supported by a grant from the Bureau of Indian Affairs in portions of the Dickey and Middle Fork Dickey Rivers. During the development of the East – West Dickey Watershed Analysis the lack of LWD in these portions of the river were identified as a significant issue. The Quileute Tribe and Rayonier Forest Resources are cooperatively proposing to place LWD at 9 sites in the Dickey and Middle Fork Dickey Rivers. To access this project 1450 feet of old railroad grade will be improved, 575 feet of which bisects a 7.3 acres patch of suitable, unsurveyed Marbled Murrelet habitat. The 575 feet of grade contains 45-50 year old red alder (*Alnus rubra*) which will be removed within a 30 foot wide corridor. Adjacent to the patch of suitable, unsurveyed habitat approximately 6 acres of timber will be harvested. Nine (9) corridors, 30 feet wide will be cut in the sites for transport and placement of LWD. A Forest Practices Alternate Plan is proposed to support the project allowing the harvest of the 9 corridors to access the LWD sites.

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.

SW1/4 SE1/4 of Section 21, Township 30 North, Range 14 West
N1/2 NE1/4 of Section 28, Township 30 North, Range 14 West

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): **Flat**

b. What is the steepest slope on the site (approximate percent slope)?
10%

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.

Solduc-Klone-Calawah – Very deep, well drained and somewhat excessively drained, nearly level to very steep soils; on terraces and terrace escarpments.

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.

1925 cubic yards of fill material will be used to build and rebuild these roads.

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

Cross drains and silt traps will be used to reduce erosion. Silt fencing will be considered for use around operations in the RMZ.

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

Zero

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

Cross drains and silt traps.

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.

Insignificant amounts of engine exhaust from logging equipment and dust from the passage of log trucks.

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 air, if any:

None.

TO BE COMPLETED BY APPLICANT

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 Dickey River and East Fork Dickey River border the west, east and north boundary of this proposed project. Both water types are Type 1. There are no additional streams within the proposed project or on the access road.

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.

Work adjacent to and within 200 feet of the Dickey River and East Fork Dickey River will be performed

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.

Yes, LWD wood will be placed within the floodplain. See FPA map for access corridor locations.

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.

None

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EVALUATION FOR AGENCY USE ONLY

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.
Storm and ditch water will be directed to the forest floor via cross drains.

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:
Cross drains and silt traps will be used to reduce erosion. Silt fencing will be considered for use around operations in the RMZ.

4. **Plants**

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

——— deciduous tree: **Red Alder**

——— evergreen tree: **Douglas-fir, Western Red Cedar, Western Hemlock**

——— shrubs **Huckleberry, Salmonberry**

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

Commercial Timber. 190 MBF. Red alder and Western hemlock, Douglas-fir and Sitka Spruce. Species breakdown and exact volume is considered proprietary information.

Shrubs will be manually controlled during the early re-establishment period of the new coniferous crop to reduce competition.

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:

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: **Songbirds**
mammals: **Deer, bear, elk and beaver.**
fish: **Salmon and trout.**

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.

Unknown.

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

- Rayonier and the Quileute Tribe are of the opinion that this proposal respectfully weighs the protection of one resource (the Marbled Murrelet) and improves the habitat or another equally significant resource (Salmon).
- Proposed measures include placement of LWD in 9 locations of the Dickey and East Fork Dickey rivers to enhance fish habitat.
- Appropriate mitigation of suitable, unsurveyed marbled Murrelet habitat. This will include the use of feller bunchers to facilitate directional falling and limit damage to adjacent timber.
- Consideration will be given to artificial regeneration of the access route. WDFW comments (7/21/04) will be reviewed.

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.

Diesel to operate equipment.

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:

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.

No.

1) Describe special emergency services that might be required.

None.

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

None.

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 a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Logging – less than 85 bda – daylight hours only.

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

- Rayonier will observe the daily timing restrictions for work adjacent to Murrelet habitat as stated in the Forest Practices Rules or as conditioned in the Forest Practices application.
- Mufflers.

8. **Land and shoreline use**

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

b. Has the site been used for agriculture? If so, describe.
No.

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?
Commercial Forest Land.;

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

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

- Forest Practices (except for road construction within 200 feet of bankfull width and bridge crossings) are exempt from Shorelines Permits – Substantial Development.
- See ~~attached~~ letter from Clallam County. on file at Olympic Region office. JC 7/29/04 PER IAN MACIVOR

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:
None needed.

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EVALUATION FOR AGENCY USE ONLY

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

None needed.

9. **Housing**

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

None.

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

None.

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

None needed.

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?

Sale area will be temporarily void of timber until artificial regeneration is established.

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

Reforestation.

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?

No.

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.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

12. **Recreation**

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

Hunting and fishing.

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

No. this proposal will enhance hunting and fishing opportunities and habitat.

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.

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.

There are no public roads serving this site.

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

No. 15 miles.

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).

Rayonier will build and better a total of 1450 feet of private road.

TO BE COMPLETED BY APPLICANT

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.

None.

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 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.

None.

16. **Utilities**

a. Circle utilities currently available at the site: 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.

None.

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: .....

Date Submitted: 7/26/04