

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [\[help\]](#)

1. Name of proposed project, if applicable: "11N04E094"
2. Name of applicant: *ORM Timber Op Co II LLC.*
3. Address and phone number of applicant and contact person: *321 MAURIN RD. SUITE C. CHEHALIS, WA CONTACT: Colton Cooley 360-623-5305*

- 4. Date checklist prepared 9/15/20
- 5. Agency requesting checklist: *Department of Natural Resources*
- 6. Proposed timing or schedule (including phasing, if applicable): Year 2021
- 7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. *A fall 2021 aerial herbicide application and winter 2022 reforestation will occur.*

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. *A geotechnical report was prepared by Pali Consulting*

- Geotechnical report is available with FPA #2938213 on FPARS and at the region office. -JCT

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. *There are no pending applications affecting this proposal area.*

10. List any government approvals or permits that will be needed for your proposal, if known. *A Forest Practice Application will be needed.*

- FPA #2938213 is available on FPARS and at the region office.

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 project entails commercial timber harvesting. The approximate net area proposed for harvested is 60 acres.*

- FPA #2938213 indicates 60 acres of even aged harvest and salvage (Totaling approximately 1200 MBF). JCT

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. *Access to the proposal area is via a private logging road entrance off of Hwy 12 east of Morton. Legal Description section 11 Township 11N Range 04E W.M. Assessors tax parcel I.D: 026379000000.*

- The proposal is located in Lewis County. JCT

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth [\[help\]](#)

a. General description of the site: [\[help\]](#)

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

- b. What is the steepest slope on the site (approximate percent slope)? *80 Percent* -The Geotechnical report with FPA #2938213 indicates the steepest slope is 110%. JCT
- 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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. *The following soils have been mapped within the site by professional soil scientists: Natural Resources Conservation Service (NRCS) (Web Soil Survey accessed October, 2019). The predominant soils in the unit are the Hoffstad- rock outcrop complex which account for 65%of the unit. The second most common soil mapped within the harvest unit is Holfstadt very gravelly sandy loam making up 25% of the unit. Domell sandy loam and rock outcrop make up the remainder of the unit. Reference the attached geotechnical report for further descriptions.*
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *Yes, inner gorge slopes comprise most of the edges of the harvest unit, Two potential deep seated landslides are also located in the harvest unit. Reference attached geotechnical report for more detail and description of the unstable features.* - Geotechnical report is available with FPA#2938213 on FPARS and at the region office. JCT
- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. *None, All roads are existing in harvest unit.*
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. *According to state soil information cited in the attached geotechnical report erosion potential ranges from medium to high throughout the proposal area. Surface erosion and mass wasting avoidance and minimization strategies are outlined in the geotechnical report.* -Geotechnical report is available with FPA#2938213 on FPARS and at the region office. JCT
- 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: *Exposed mineral soils that exhibit the potential for erosion will be covered with logging slash/straw/hay and or seed. Cross drains and ditchouts along the haul route will also be maintained to control the velocity and volume of water flow to further minimize erosion potential. Harvesting trees on potentially unstable slopes that have potential to deliver to waters of the state will be avoided.*
- i. **2. Air** [\[help\]](#)
- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. *Fuel emissions from vehicles, logging trucks, and logging equipment will occur during harvest operations. Dust may occur from vehicles traveling roads. No emissions will be associated with the site after completion of the project.*
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *None known*
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: *Equipment and automobiles will comply with relevant emission standards applicable to the equipment, use, and location in which used.*

3. **Water** [\[help\]](#)

a. Surface Water:

- 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. *Perennial and non-perennial streams are located near and within the proposal area. These streams flow into Indian Creek which flows into Riffe Lake Reservoir.*
- 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. *Harvesting will occur within 200 feet of most streams identified within the project area. Log processing, handling, loading, and hauling may also occur within 200 feet of identified streams. In addition, cable wire and logs may be suspended over some of the identified streams. Reference the activity map from the Forest Practice Application for more description and detail.*
- 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*

-FPA#2938213 is available with on FPARS and at the region office. JCT

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? 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*

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. *Runoff from roads will be diverted via relief culverts and dispursed into native forest vegetation.*

2) Could waste materials enter ground or surface waters? If so, generally describe. *Waste materials could only enter the ground or surface water in the event of a fuel spill. Spill kits are required for all machines on site.*

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. *The proposal does not alter or otherwise affect drainage patterns in the vicinity of the site.*

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: *Runoff from roads will be diverted via relief culverts and dispersed into native forest vegetation.*

4. Plants [\[help\]](#)

a. Check the types of vegetation found on the site: [\[help\]](#)

- deciduous tree: alder, maple, aspen, other
 evergreen tree: fir, cedar, pine, other **Western hemlock**
 shrubs
 grass
 pasture
 crop or grain
 Orchards, vineyards or other permanent crops.
 wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
 water plants: water lily, eelgrass, milfoil, other
 other types of vegetation

- FPA #2938213 indicates 60 acres of even-aged harvest and salvage removing approximately 1200 MBF of timber volume. -JCT

b. What kind and amount of vegetation will be removed or altered? *Approximately 1,200MBF of conifer and deciduous tree species will be removed. Some sword ferns, and other low-lying brush species may also be removed or altered during harvesting activities. Most branches from the trees removed will remain on site.*

c. List threatened and endangered species known to be on or near the site. *None known* [FPRAM confirms no conflict with T + E plant species. -JCT](#)

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: *Reforestation of the area will occur winter/spring of 2021. Tree species will include Douglas fir. Department of Natural Resource Forest Practice Rule requirements for density will be met or exceeded.*

e. List all noxious weeds and invasive species known to be on or near the site. *Scotch Broom is present on the site.*

5. Animals [\[help\]](#)

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [\[help\]](#)

Examples include:

birds: hawk, heron, eagle, songbirds, other:
 mammals: deer, bear, elk, beaver, other:
 fish: bass, salmon, trout, herring, shellfish, other _____

-FPRAM check confirms no conflict with eagles. - JCT

- b. b. List any threatened and endangered species known to be on or near the site. *None known* -FPRAM check confirms no conflict with T + E animal species. -JCT
- c. Is the site part of a migration route? If so, explain. *The site is in the Pacific flyway.* No conflicts are anticipated. - JCT
- c. d. Proposed measures to preserve or enhance wildlife, if any: *The Project will comply with Washington State Forest Practice Rules and is a covered activity under the State of Washington's Forest Practice Habitat Conservation Plan. See Forest Practice Application for specific measures.* -FPA#2938213 is available with on FPARS and at the region office. - JCT
- e. List any invasive animal species known to be on or near the site. *None known*

6. Energy and Natural Resources [\[help\]](#)

- 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. *Fossil fuels will be used for yarding, manufacturing, and transporting logs as well as for transporting workers to and from the project site*
- 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: *Carpooling to the job site may occur.*

7. Environmental Health [\[help\]](#)

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur because of this proposal? If so, describe. *There is some risk of fire and fuel spills as a result of this proposal.* -Any hazardous or toxic spill that occurs or contamination that is discovered will be reported to the Dept. of Ecology. -JCT
- 1) Describe any known or possible contamination at the site from present or past uses. *None known*
 - 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. *None known*
 - 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. *None known*
 - 4) Describe special emergency services that might be required. *In the event of a worker accident at the site air-lift or ambulance transportation may be required.*

- 5) Proposed measures to reduce or control environmental health hazards, if any:
Fire: During Fire season the contractor is required to have a 500 gallon pump tank on-site when required by the department of natural resources. The contractor will comply with all Department of Natural Resources' Industrial Fire Precaution Level limitations and restrictions. In addition, the contractor will comply with all state labor and industrial requirements. All of Pope Resources'/Olympic Resource Management's contractors are also required to have spill containment kits on-site during operations at all times.

b. Noise [\[help\]](#)

- 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. *Short-term noise will occur from the site as a result of traffic and equipment from approximately 3:30 a.m. to approximately 4:30 p.m.*
- 3) Proposed measures to reduce or control noise impacts, if any: *All heavy equipment and all automobiles have muffler devices.*

8. Land and Shoreline Use [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. *The current use of the site is private forestland. The proposal will not affect current land uses on nearby or adjacent properties.*
- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? *The land has always been used as working forest land. No Forest land of long-term commercial significance will be converted to other uses as a result of the proposal. There is no plan to convert from this tax status.*
- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: *Not known*
- 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? *Forest resource lands*
- f. What is the current comprehensive plan designation of the site? *Forestland*

- g. If applicable, what is the current shoreline master program designation of the site? *Lewis County*
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. *No*
- i. Approximately how many people would reside or work in the completed project? *5-10 people would work at the site while implementing the project. No people will reside or work at the site after the project is completed.*
- j. Approximately how many people would the completed project displace? *After the project is completed the 5-10 people working at the site would move to another job location.*
- k. Proposed measures to avoid or reduce displacement impacts, if any: *None*
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: *Does not apply*
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: *As a forest practice project, the proposal is compatible with nearby forest lands of long term commercial significance.*

9. Housing [\[help\]](#)

- 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: *Does not apply*

10. Aesthetics [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? *None*
- b. What views in the immediate vicinity would be altered or obstructed? *The proposed project may change the existing view of a mature forested landscape to an early successional forest landscape from a few limited perspectives. The change in landscape view is consistent with surrounding land management patterns.*

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

11. Light and Glare [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? *Temporary glare from windshields and other shiny surfaces on equipment could be seen in the late morning and afternoon.*
- b. Could light or glare from the finished project be a safety hazard or interfere with views? *There will be no light or glare from the finished project.*
- 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 [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity? *Pope Resources' lands are open to non-motorized use in this area unless closed by the landowner for logging operations or fire risk.*
- b. Would the proposed project displace any existing recreational uses? If so, describe. *Recreational use would not be allowed in the project area until the project is completed.*
- 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 [\[help\]](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe. *None known*
FPRAM, USGS Historical Map, and GLO Maps confirm no conflict with historical sites or resources. -JCT
- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. *None known*
-FPRAM, USGS Historical Map, and GLO Maps confirm No Conflict with archaeological or cultural sites or resources. JCT
- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. *Consultation with the department of natural resources.*
- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. *In the event cultural and historic resources are found contractors are instructed to immediately stop activity and report to the landowner as well as the appropriate agency depending on what is discovered.*

14. Transportation [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. *Access to the proposal area is via a private logging road entrance off Hwy 12 East of Morton.*
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? *No, it is not served and the nearest distance is unknown.*
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? *Does not apply*
- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). *Some existing roads will have aggregate placed on them to prevent soil erosion and sediment delivery.*
- e. Will the project or proposal 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 or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? *During the implementation of the project approximately 20 vehicular trips per day could occur. Peak volumes are anticipated at the beginning and end of the workday. Most of the truck traffic will be well distributed throughout the day. Estimates were based on the project proponents, records of past production rates and volume of timber to be removed from the project site.*
- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. *No*
- h. Proposed measures to reduce or control transportation impacts, if any: *None*

15. Public Services [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. *No*
- b. Proposed measures to reduce or control direct impacts on public services, if any. *None*

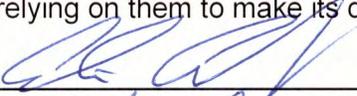
16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site: *No utilities are 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. *No utilities are being proposed for installation at the site.*

C. Signature [\[help\]](#)

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: 

Name of signee Coltan Cobley

Position and Agency/Organization Forest Engineer

Date Submitted: 9/21/2020

Reviewed by : John Tapley - DNR Forest Practices | John Tapley | JCT
Date : 9/24/2020

D. supplemental sheet for nonproject actions [\[help\]](#)

-This proposal is not a Nonproject action. JCT

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.