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:

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

1. Name of proposed project, if applicable: **321G road construction**

2. Name of applicant: **Weyerhaeuser**

3. Address and phone number of applicant and contact person:
   Kyle Hillery

Weyerhaeuser Company
Vail Forest Area
Rainier, WA 98576

4. Date checklist prepared: **08/08/2020**

5. Agency requesting checklist: **Washington Department of Natural Resources**

6. Proposed timing or schedule (including phasing, if applicable): **August 2020 or September 2020**

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. **Water Modification # PC23100065 shows that the typed stream at the construction site is Fish water. A Landslide polygon is shown in the working area on the DNR mapping tool.**

- Water type modification Form PC-23-10-0065 is available at www.DNR.WA.GOV and at the Region Office. -JCT
- Geotechnical Report is available with FPA #2938020 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. **No**

10. List any government approvals or permits that will be needed for your proposal, if known. **Forest Practices Permit, issued by the Washington DNR**

- FPA #2938020 is available on FPARS and at the Region office. -JCT

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 proposal is to install a temporary pipe in the stream to cross and abandon the existing road beyond the abandonment, then abandon the crossing and slope the banks back and remove waste material off the toe of the feature.**

- FPA#2938020 indicates 5485 feet of Road Construction and 5485 feet of Abandonment, 7 stream crossings and 1040 cubic yards of Spoils. -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.

Lewis County, WA
3-13N-2E

- The proposal is located in 04-13N-02E. -JCT

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____
The proposal is on flat to steep mountainous slopes

b. What is the steepest slope on the site (approximate percent slope)? **80%**

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.
Pheeney-Jonas complex, Pheeney gravelly loam, Schneider Baumgard complex, Wilkeson loam, Vailton silt

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

-Geotechnical Report indicates A Category E Rule Identified Feature' Active Deep Seated Landslide is within the vicinity. Geotechnical Report is available with FPA # 2938020 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.
We will be abandoning approximately 5,485 feet of road and abandoning a Fish stream crossing perminatly

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
We will be abdoning roads and crossing per forest practice rules to control sediment delivery to pulic resources

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **Only existing roads will have surface rock on them in the project area**

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

2. Air

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. **Diesel exhaust from heavy forestry equipment**

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: **None**

3. **Water**

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. - FPA # 2938020 indicates 1 Temporary Fish crossing, 3 Type NP Removals, and 3 Type Ns Removals. - JCT
Kearney creek which flows into the south fork of the Newaukum river

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. **Yes temporary pipe will be installed then removed**

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. **Approximately 1,040 cubic yards of material will be removed from the construction area**

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. **water pumps will divert the water around the construction area until the channel and stream banks are finished**

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

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. **None**

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.
Surface runoff intercepted by forest roads will be captured and dispersed back onto the forest floor by the use of ditches and cross drain culverts, as per forest practice rules

3) Could waste materials enter ground or surface waters? If so, generally describe. **None**

4) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. **None**

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: **None**

4. **Plants**

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

____deciduous tree: alder, maple, aspen, other
__X__evergreen tree: fir, cedar, pine, other
__X__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

- No harvest is indicated in this proposal. -SCT

b. What kind and amount of vegetation will be removed or altered? Trees of merchantable size not designated as riparian buffer or wildlife leave trees

Only the vegetation that is in the stream crossing abandonment will be altered

c. List threatened and endangered species known to be on or near the site. **None** - FPRAM Check Confirms No Conflict with T+E Plant Species. -SCT

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: **N/A – Conifer seedlings will be planted after logging, as per forest practice rules**

e. List all noxious weeds and invasive species known to be on or near the site. **None**

5. **Animals**

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.

- FPRAM Check Confirms No Conflict with Eagles. -SCT

Examples include:

birds: hawk, heron, eagle, songbirds, other: **Hawk, eagle, songbirds**
mammals: deer, bear, elk, beaver, other: **Deer, elk,bear**
fish: bass, salmon, trout, herring, shellfish, other: **Trout, Salmon**

b. List any threatened and endangered species known to be on or near the site. **None** FPRAM Check Confirms No conflict with T+E Species. -SCT

c. Is the site part of a migration route? If so, explain. **No** - Washington state is considered part of the pacific flyway; However, No conflicts are anticipated as a Result of this Proposal. -SCT

e. Proposed measures to preserve or enhance wildlife, if any: **Standard forest practice rules**

f. List any invasive animal species known to be on or near the site. **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. **None**

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. **None**

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. **Hydraulic oil leak from heavy equipment**

- 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**

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**

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. **Diesel fuel, hydraulic oil**

4) Describe special emergency services that might be required. **Fire fighting equipment, ambulance**

5) Proposed measures to reduce or control environmental health hazards, if any: **Spill kits, fire fighting equipment**

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. **Normal heavy equipment during normal business hours**

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? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. **Current use is commercial forestry, proposal will not affect land use.**

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?
Currently entirely working forest land, none will be converted from forest use.

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: **None**

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

d. Will any structures be demolished? If so, what? **None**

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? **None**

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? **None**

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

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: **After project completion, entire area will be replanted with grass seed for surface erosion**

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: **All part of the same tree farm**

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**

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? **None**

b. What views in the immediate vicinity would be altered or obstructed? **None**

f. 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? **None**

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?
Fishing and hunting

b. Would the proposed project displace any existing recreational uses? If so, describe. **None**

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 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**

FPRAM, USGS Historical map and GLO map check 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**

- FPRAM, USGS Historical map and GLO Map Check confirms No Conflict with Archaeological or Cultural sites or Resources. -JCT

b. 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.
Old maps, GIS data

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.
None

14. **Transportation**

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. **None**

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? **None**

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? **None**

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). **None** - FPA # 2938020 indicates 5485 Feet of Forest Road Construction and 5485 Feet of Forest Road Abandonment and 7 stream Crossings. -JCT

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. **None**

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? **None**

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. **None**

h. 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, public transit, health care, schools, other)? If so, generally describe. **None**

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:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____ **None**

c. 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: Kyle Hillery

Name of signee Kyle Hillery

Position and Agency/Organization Forest Engineer Weyerhaeuser

Date Submitted: 8/7/20

Reviewed by: John Tapley - DNR Forest Practices / John Tapley / JCT

Date: 8/21/2020

D. supplemental sheet for nonproject actions

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

- This proposal is Not a Nonproject Action. -JCT

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? **No increase**

   Proposed measures to avoid or reduce such increases are: **Use best management practices for sediment delivery such as pumps for bypassing the water around the area until the stream is ready**

2. How would the proposal be likely to affect plants, animals, fish, or marine life? **No effect**

   Proposed measures to protect or conserve plants, animals, fish, or marine life are: : **Use best management practices for sediment delivery such as pumps for bypassing the water around the area until the stream is ready**

3. How would the proposal be likely to deplete energy or natural resources? **No effect**

   Proposed measures to protect or conserve energy and natural resources are: **Use best management practices such as matting and minimizing rutting and minimizing sediment delivery to the stream by using water pumps**

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: **minimize trees needing to be cut for the project, wildlife trees, stable stream banks, fish passable water and use of best management practices**

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: **N/A**

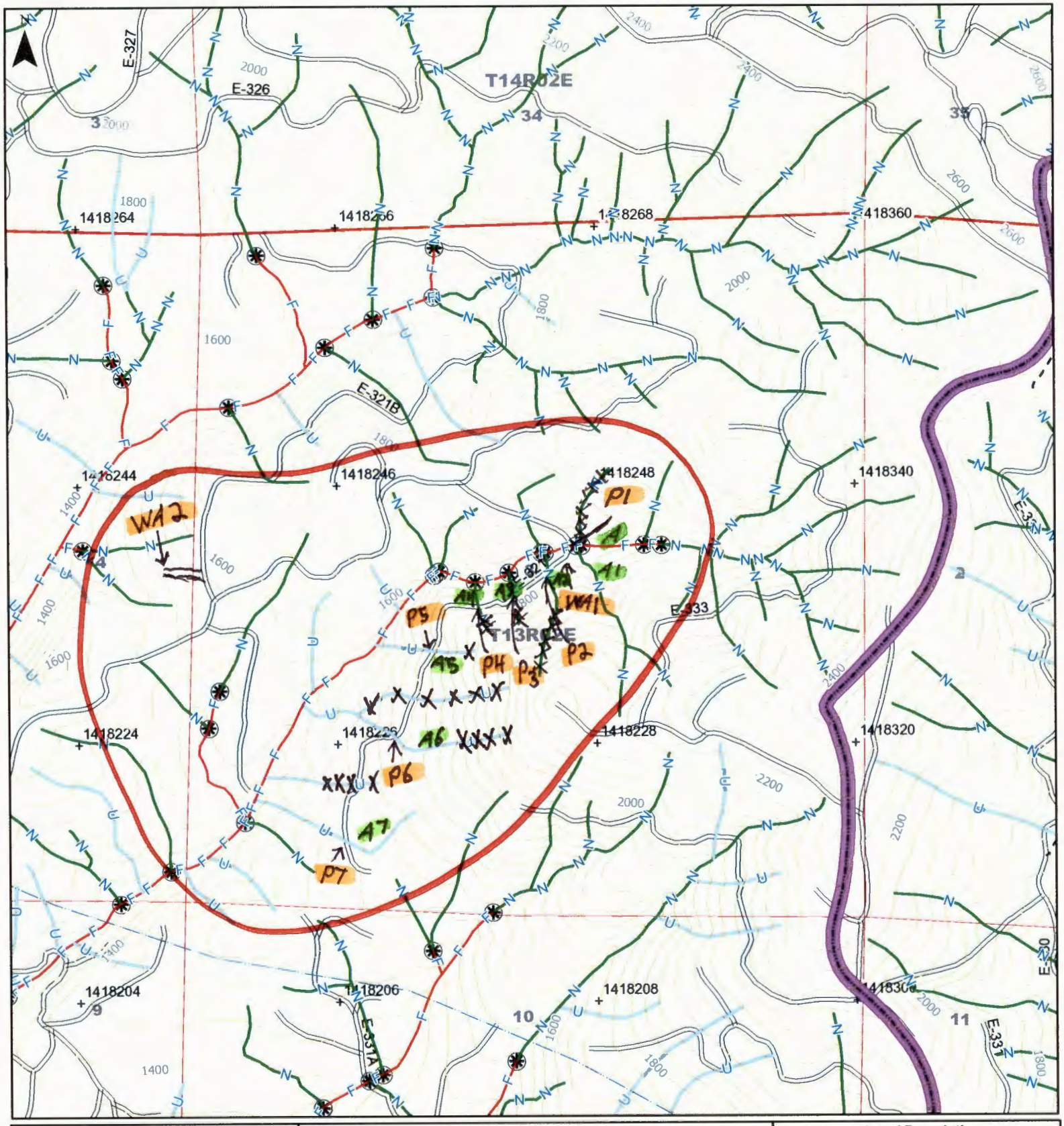
6. How would the proposal be likely to increase demands on transportation or public services and utilities?

   Proposed measures to reduce or respond to such demand(s) are: **N/A**

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

2938020

Forest Practices Activity Map - Application #_____



Map Symbols	Additional Information	Legal Description
~~ Harvest Boundary - - - Road Construction Stream RMZ / WMZ Buffers Rock Pit Landing Waste Area Clumped WRTS/GRTS Existing Structure	= Activity area = Pipes & WA = Streams	S03 T13.0N R02.0E

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES

Extreme care was used during the compilation of this map to ensure its accuracy. However, due to changes in data and the need to rely on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions, and therefore, there are no warranties that accompany this material.

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