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South Puget Sound Region

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.

¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/Checklist-guidance>

A. Background

[Find help answering background questions²](#)

1. Name of proposed project, if applicable:

1224 -AP

2. Name of applicant:

Weyerhaeuser Timber Holdings Inc

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

PO Box 889 Rainier, WA 98576-0889

360-631-4003

Wes Ward

4. Date checklist prepared:

3/14/2024

5. Agency requesting checklist:

Not applicable

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

This application is for timber harvest and road construction that is planned to begin in April 2024 and is valid for the duration of the attached FPA.

◇ [FPA/N No. 2423880 is available for viewing in DNR's Forest Practices Application Review System \(FPARS\) CKF](#)

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.

◇ A FPA with the WADNR is attached for permission of timber harvest and road construction.

A CMZ analysis is attached as appendix E with the FPA.

There is an attached Geologic memo completed by QE Geologist. The Geo memo addresses the proposed road maintenance through the RIL potential unstable feature.

◇ [FPA/N 2423880 and associated documents are available in FPARS. CKF](#)

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.

FPA#2423869 is a separate permit for road construction that is within the harvest area, but outside of the SEPA proposal area.

◇ [FPA/N 2423880 and associated documents are available in FPARS. CKF](#)

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

◇ Forest Practices Application through the WADNR.

◇ [FPA/N 2423880 and associated documents are available in FPARS. CKF](#)

² <https://ecology.wa.gov/Regulations-Pennits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-A-Background>

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 1224-AP is a project proposing timber harvest and road construction. The harvest management unit (HMU) size is 185ac and has a net harvestable acreage of 142ac. There is a total of 850ft of new road construction proposed. There is a total of approximately 3700ft of road maintenance with 1000ft within a potential unstable area. This SEPA is specifically addressing the 1000ft of road maintenance on a preexisting road within the potential unstable. Road maintenance will include ditch clearing, road grading, road rocking, and right-of-way clearing/cutting within the preexisting road prism.

◇ Unstable features in the proposal include outer edges of meander bends. CKF

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

This project will take place on Weyerhaeuser owned timberlands in Section 25 Township 16N Range 3E. Lat/Long coordinates for middle of HMU is 46.840543, -122.369503. (See attached FPA for HMU extent). ◇ all within Thurston County. CKF

B.Environmental Elements

1. Earth

[Find help answering earth questions³](#)

- a. General description of the site:

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other:

The HMU includes flat sections divided by steep slopes and rock bluffs.

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

◇ 200%

FPA/N 2423880 indicates steepest slope within harvest unit as 90% CKF

³ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-earth>

- 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.**

Soils associated with the HMU are primarily classified as Baldhill very stony sandy loam and Pheeny gravelly loam. Project activities will not remove any soils and keep soil disturbance to a minimum following forest practices rules and BMPs.

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

Within the HMU the indicated RIL Meander Bend has several cut slope failures within the road prism. These failures are due most likely due to shallow soils, steep slopes, and blowdown initiated. The surrounding area is protected with a prescribed RMZ buffer of 200ft and additional unstable slopes buffering above.

- d. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.**

There is no proposed filling or excavation associated within the SEPA area. Grading will occur with onsite road material and road patching will occur where needed with nearby pit rock. There is no additional dirt/fill material being added to the current road prism.

- e. Could erosion occur because of clearing, construction, or use? If so, generally describe.**

Erosion forces are decreased due to the road maintenance and removal of excess material. All waste material will be hauled to an offsite location in a stable area with no chance of delivery.

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

Not Applicable

- g. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.**

Road construction BMPs will be utilized to minimize negative impacts. Ditch will be cleared to properly maintain road drainage. Road will be graded to better weather truck passage. Cut slope failures will be removed to unburden road prism.

2. Air

[Find help answering air questions⁴](#)

- 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 fumes from running equipment

- 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

3. Water

[Find help answering water questions⁵](#)

- a. **Surface:**

[Find help answering surface water questions⁶](#)

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.**

Fish associated large type A wetland along the south end of the HMU. Wetland is connect and can drain into Powell Creek, which downstream flows into the Nisqually river. The Nisqually river is along the north unit boundary. There is one non-fish seasonal stream that flows into the Nisqually. See Weyerhaeuser water type map and WADNR water type map.

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.**

Timber harvest is proposed within 200ft of the fish wetlands. The fish wetland is on siteclass IV and has a width greater than 10ft so the full RMZ width is 110ft. An

⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-8-Environmental-elements/Environmental-elements-Air>

⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-8-Environmental-elements/Environmental-elements-3-Water>

⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-8-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Surface-water>

alternate plan is attached describing the proposal to decrease the RMZ buffer in a section and increase in another section to offset harvested timber.

The Nisqually river will have a 200ft buffer with Timber harvest adjacent to it. Approximately 1500ft of road maintenance on a preexisting road will occur within 200ft of the Nisqually river.

FPA/N 2423880 shows five additional type non-fish seasonal waters located within 200' of the proposal. CKF

- 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.**

Not Applicable

- 4. Will the proposal require surface water withdrawals or diversions? Give a 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:

[Find help answering ground water questions⁷](#)

- 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 a 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 (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

⁷ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Groundwater>

c. **Water Runoff (including stormwater):**

1. Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Not applicable

2. Could waste materials enter ground or surface waters? If so, generally describe.

Not applicable

3. Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No

- d. **Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:**

Logging and road construction BMPs will be implemented to maintain soil integrity and minimize disturbance. Road maintenance will improve drainage and decrease potential for sediment delivery.

4. Plants

[Find help answering plants questions](#)

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

deciduous tree: **alder**, **maple**, aspen, other

evergreen tree: **fir**, **cedar**, pine, other

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

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

Merchantable timber, either conifer or hardwood, will be harvest and replanted with conifer. Net harvestable acres is 142ac.

FPA/N 242880 indicates approximately 2,854 mbf of timber and 250 tons of biomass will be removed. CKF

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

Not applicable

Forest Practices Risk Assessment Mapping (FPRAM) tool confirms no conflicts with T&E plant species. CKF

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

Not applicable

- e. **List all noxious weeds and invasive species known to be on or near the site.**

None

5. Animals

[Find help answering animal questions⁸](#)

- a. **List any birds and other animals that have been observed on or near the site or are known to be on or near the site.**

Examples include:

- **Birds:** hawk, heron, eagle, songbirds, other:
- **Mammals:** deer, bear, elk, beaver, other:
- **Fish:** bass, salmon, trout, herring, shellfish, other:

- b. **List any threatened and endangered species known to be on or near the site.**

None FPRAM review confirms no conflicts with T&E animal species. CKF

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

This unit is within the extent of the Pacific flyway.

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

Replanting conifer and leaving environmental buffers.

- e. **List any invasive animal species known to be on or near the site.**

None

6. Energy and natural resources

[Find help answering energy and natural resource questions⁹](#)

- 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

⁸ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-5-Animals>

⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-6-Energy-natural-resou>

- 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

[Health Find help with answering environmental health questions](#)¹⁰

- 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.**

1. **Describe any known or possible contamination at the site from present or past uses.**

Equipment used may be a point for spills. Oil or fuel leaks will be contained immediately and cleanup will remove waste material. Spill kits will be required on site.

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.**

None

4. **Describe special emergency services that might be required.**

Emergency services will only be needed if serious injury occurs. If an environmental incident occurs, proper regulatory agency will be notified for guidance. Harvest setting maps will include emergency route out of timberlands.

5. **Proposed measures to reduce or control environmental health hazards, if any.**

Mandatory environmental buffers have been prescribed according to forest practices rules.

¹⁰ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-7-Environmental-health>

b. Noise

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

Natural forest noises exist, but no external sources of noise are known.

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)?**

Road construction, logging, and trucking will have noises associated with operations. Gas and Diesel engines are used and emit loud noise when running.

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

None

8. Land and shoreline use

[Find help answering land and shoreline use questions](#)¹¹

- 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 site and all adjacent properties are classified as timberlands.

- 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 because 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 project site is working forest lands. This project is on the northern extent of the Weyerhaeuser Vail treefarm and the closest nearby landowners are similar industrial timberland owners. All harvested timberlands will be replanted and kept as forested area. New road construction will be converting forested to logging roads for operational access. There is 850ft of new road construction proposed with this project.

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?**

The project will require normal forest operations including moving heavy equipment on lowboys, large truck traffic (log truck & rock truck). Harvest operations will occur including machine cutting, ground logging, and cable logging. Post harvest silviculture will include herbicide application where permitted.

¹¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use>

- c. **Describe any structures on the site.**
Not applicable
- d. **Will any structures be demolished? If so, what?**
No
- e. **What is the current zoning classification of the site?**
Forested timberlands
- f. **What is the current comprehensive plan designation of the site?**
Not applicable
- g. **If applicable, what is the current shoreline master program designation of the site?**
Thurston County Shoreline Master Program for Nisqually River
- 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?**
Not applicable
- j. **Approximately how many people would the completed project displace?**
Not applicable
- k. **Proposed measures to avoid or reduce displacement impacts, if any.**
Not applicable
- l. **Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.**
Follow standard forest practices rules
- m. **Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:**
Follow standard forest practices rules and BMPs

9. Housing

[Find help answering housing questions](https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-9-Housing)¹²

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

¹² <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-9-Housing>

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

Not applicable

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

Not applicable

10. Aesthetics

[Find help answering aesthetics questions](#)¹³

- a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

Not applicable

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

Clearcut of timberlands will be replanted with conifer and regrow naturally.

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

Not Applicable

11. Light and glare

[Find help answering light and glare questions](#)¹⁴

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

Lights from equipment during operations before daylight

- 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?**

Not applicable

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

Not applicable

12. Recreation

[Find help answering recreation questions](#)

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

Weyerhaeuser recreational permit holders do have access to the treefarm.

¹³ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-10-Aesthetics>

¹⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-11-Light-glare>

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

Recreational access is prohibited in the project area for the duration of active operations.

- 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

[Find help answering historic and cultural preservation questions¹⁵](#)

- 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.**

No FPRAM review confirms no conflicts with cultural or historical sites or resources. CKF

- 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.**

No FPRAM review confirms no conflicts with cultural or archaeological sites or resources. CKF

- 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.**

Not applicable

- 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.**

Not applicable

14. Transportation

[Find help with answering transportation questions¹⁶](#)

- 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.**

The primary entrance to this section of timberlands is off Bald Hill county road and an emergency route will be designated on the harvest setting map.

¹⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-13-Historic-cultural-p>

¹⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-14-Transportation>

- 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?

Not applicable

- c. 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).

Not applicable

- d. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

Not applicable

- e. 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?

It is estimated that 18 log trucks a day may utilize public roads to reach timberlands entrance and visit the project site. The estimate is based on projected volume of harvestable timber and potential production rate of logging crew. Duration of haul related to project is expected to be approximately 31days, depending on crew production.

- f. 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

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

Log truck hauling will be spaced throughout the day.

15. Public services

[Find help answering public service questions¹⁷](#)

- 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.

Not Applicable

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

Not Applicable

¹⁷ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-15-public-services>

16. Utilities

[Find help answering utilities questions¹⁸](#)

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

Not Applicable

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Not Applicable

C. Signature

[Find help about who should sign¹⁹](#)

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.

X 

3/22/24

Type name of signee: Wes Ward

Position and agency/organization: Forest Engineering Specialist, Weyerhaeuser

Date submitted:

D. Supplemental sheet for nonproject actions

[Find help for the nonproject actions worksheet²⁰](#)

Do not use this section 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.

¹⁸ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-16-utilities>

¹⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-C-Signature>

²⁰ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-d-non-project-actions>

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?

The project proposal will have no impact on discharge to water. There will be minimal to no impact to air due to emissions from machinery used on the project. There will be no impact due to toxic or hazardous substances from this project. There will be minimal production of noise due to the project, given the project area is located in remote commercial timberlands.

- **Proposed measures to avoid or reduce such increases are:**

Project operations will follow best management practices (BMPs) to minimize potential impacts. Regulatory buffers have been prescribed to protect sensitive site features within the HMU.

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

This project is proposing timber harvest through clear-cut method. Upland animals will be temporarily displaced by active operations, but post project area will provide additional feeding areas and will be regrown to possible habitat.

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

Fish streams and associated wetlands have been protected through regulatory buffer prescribed. HMU has been set up to accommodate the necessary leave trees per acre.

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

This project will have no impact on energy and natural resource depletion.

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

None

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?

Weyerhaeuser follows all WA state forest practices rules and engineers harvest units to meet mandatory regulations. This unit has been evaluated and found to have no issues related to T&E species.

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

Project operations will follow all WA forest practices rules and BMPs to reduce potential impacts.

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?

Timber harvest is proposed adjacent to the Nisqually river which is classified as a WA shoreline of statewide significance.

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

A 200ft buffer has been placed on the Nisqually river and additional potential unstable buffer to further protect sensitive areas nearby the Nisqually. Pre and post-harvest maintenance will be conducted to improve road quality and maintain drainage. Post project completion, conifer will be replanted to promote soil stability and nutrient input.

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

There will be no increase demands on public transportation, services, and utilities. Log truck traffic will occur in association with the HMU, however this is normal to the area and is already conducted by Weyerhaeuser and other nearby landowners.

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

None, other than operations production rates.

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

There are no conflicts with local, state, or federal laws.

County: Thurston, WA

Watershed:

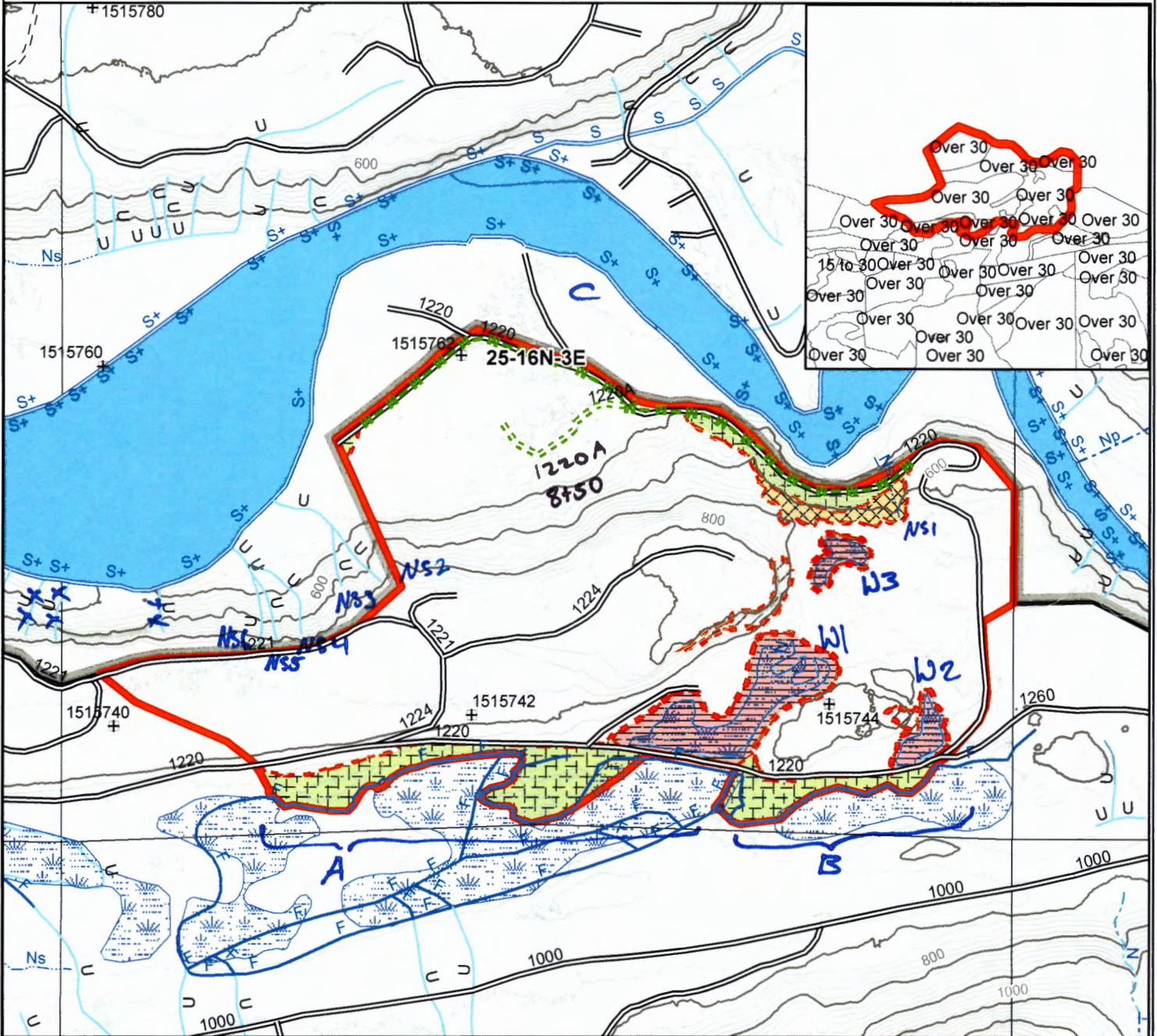


1224-AP (163252)
Vail
Setting FPA Map
25-16N-3E



HPU: 163252
FPA:

Decimal Degrees
Lat 46.840247 N
Long -122.369491 W



- Culvert
- UPPF
- Landing
- Loggers Choice
- Rock Pit
- Tail Tree
- Spoil Area
- Wildlife Tree
- Water System
- Bridge
- DNR Tic
- Tract
- Yarding Direction
- Domestic/Municipal Water Line
- Overhead Utility
- Underground Utility
- Undefined Utility
- Harvest Method**
- Cable
- Ground / Thinning
- Harvestable Forested Wetland
- RMZ
- Unstable
- WTA, LTA, RLA
- CMZ
- WMZ
- Non-Forest
- Wetland Type A or B
- Other
- Engineered Roads**
- New Construction
- M - M Maintenance
- R - R Reconstruction
- L - L Loggers Choice
- T - T Temporary
- X - X Abandon
- Existing Roads**
- Street/Highway
- Paved
- Gravel
- Dirt
- Undrivable

Acres	
Net Harvestable	142
Road Acres	
Timbered R/W	
Existing R/W	10.3
New R/W	1.2

Notify Engineer if survey corner is disturbed

Comments

AUD: 100765549
Org: 122

Creator: WARDW
Printed 3/21/2024

0 200 400 600 Feet
1 inch = 833 feet

County: Thurston, WA

Watershed:



1224-AP (163252)

Vail

Setting FPA Map

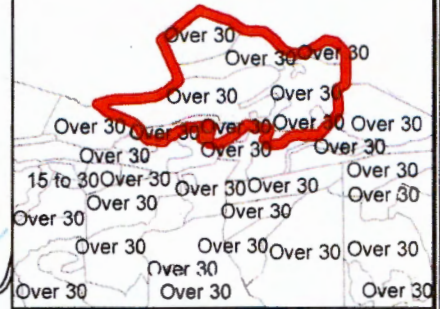
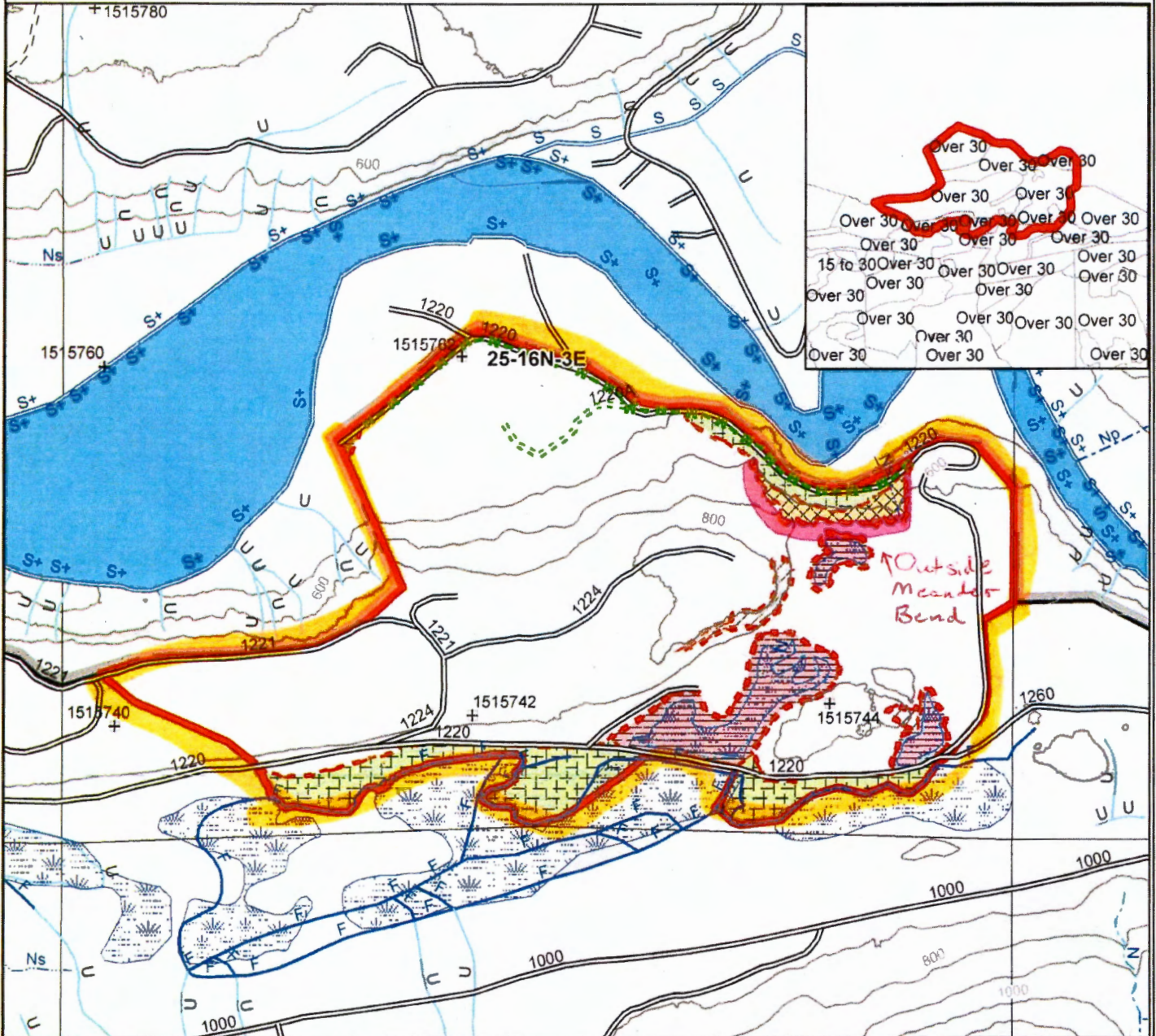
25-16N-3E

HPU: 163252

FPA:

Decimal Degrees
Lat 46.840247 N
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Slope Stability Map



- Culvert
 - UPPF
 - Landing
 - Loggers Choice
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 - Tail Tree
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 - Wildlife Trac
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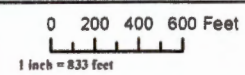
Acres	
Net Harvestable	142
Road Acres	
Timbered R/W	10.3
Existing R/W	1.2
New R/W	1.2

Notify Engineer if survey corner is disturbed

Comments

- Area Reviewed for Slope Stability

- Slope Stability Buffer



AUID: 100765549
Org: 122
Creator: WARDW
Printed 3/21/2024