**Forest Practices Application/Notification**

**Office Checklist Page 1**

**Northwest Region**

<table>
<thead>
<tr>
<th>FPA/N CLASSIFICATION:</th>
<th>Biomass [ ]</th>
<th>FFFPP [ ]</th>
<th>20-acre exempt [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Landowner Name:</th>
<th>Project Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wey Co</td>
<td>Adversarial</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WRRA:</th>
<th>WAU:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Somatic</td>
<td>Upper Wallace River</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Legal Description:</th>
<th>County:</th>
</tr>
</thead>
<tbody>
<tr>
<td>22-28-9E</td>
<td>Somatic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Activity Type:</th>
<th>Road Construction</th>
<th>Road Abandonment</th>
<th>Stream Crossing(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harvest 77 ac</td>
<td>16,120 ft</td>
<td>150 ft</td>
<td>4</td>
</tr>
<tr>
<td>Spray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Road</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock Pit 500 ac</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ALTERNATIVE PRESCRIPTIONS**

- [ ] Alternate Plan
- [ ] Ten-Year Forest Management Plan
- [ ] Columbia River Gorge National Scenic Area
- [ ] Watershed Analysis: __________

**RESOURCES REVIEW**

- Unstable Slopes (Risk: Highway, Water; __________)
- Soils Map (Highly Erodible & Very Unstable)
- LEPSTAB
- Landslide Hazard Zonation
- Landslide Inventory Polygon
- Rain-on-Snow and Outside Approved WA
- Hydric Soils
- Wetland [ ] Forested, [ ] A, [ ] B
- In WMZ of [ ] A, or [ ] B Wetland
- In RMZ/ELZ of Type [ ] S, [ ] F, [ ] N water
- Water Verification

**ASSOCIATED NON-SCANNED DOCUMENTS**

- [ ] SEPA Checklist/Documents
- [ ] Cooperative Habitat Enhancement Agreement
- [ ] Landowner Option Plan for Northern Spotted Owl
- [ ] Habitat Conservation Plan
- [ ] Potential Avalanche Area
- [ ] Bull Trout Overlay
- [ ] HCP Bull Trout Population
- [ ] Bald Eagle nest or roost within 660 feet
- [ ] Group A or B Water Supply
- [ ] Hatchery (Name: __________)
- [ ] Even-Aged Harvest greater than 120 Acres
- [ ] Ground-based Equipment on Slopes greater than 40%
- [ ] Road Construction on Slopes greater than 65%
- [ ] Saltwater Islands (Name: __________)
- [ ] In or Over Typed Water
- [ ] Volume greater than 5 mbf per acre

**ASSOCIATED SCANNED DOCUMENTS**

- [ ] Conversion Option Harvest Plan
- [ ] FPHP Plans & Specifications
- [ ] Qualified Expert Report; Type: Geo-Tech
- [ ] Natural Regeneration Plan
- [ ] Shoreline Permit
- [ ] Marbled Murrelet Form
- [ ] FPBM Appendix(s)
- [ ] Small Landowner RMAP Checklist
- [ ] CMZ Assessment Form
- [ ] Hardwood Conversion Form
- [ ] Wetland Mitigation Plan
- [ ] Water Protocol Surveys
- [ ] Modification Form#
- [ ] Water Classification Worksheet
- [ ] Shade Documentation (Stream Shade Assessment Worksheet)
- [ ] Watershed Analysis Worksheet
- [ ] DFC Printout
- [ ] Slope Stability Informational Form

**EARR Tax Credit**

- [ ] Yes [ ] No

**ADDITIONAL COMMENTS:**

Form completed by __________

October, 2016 Version
# Forest Practices Application/Notification

## Western Washington

**Project Name:** Adversarial, MU 15143

**For DNR Region Office Use Only**
- **FPA/N #:** 2817083
- **Region:** NW
- **Received Date:** 7/23/2019

**PLEASE USE THE INSTRUCTIONS TO COMPLETE THIS APPLICATION.**

### 1. Landowner, Timber Owner and Operator

<table>
<thead>
<tr>
<th>Legal Name of LANDOWNER</th>
<th>Legal Name of TIMBER OWNER</th>
<th>Legal Name of OPERATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weyerhaeuser Company</td>
<td>Same as Landowner</td>
<td>Same as Landowner</td>
</tr>
<tr>
<td></td>
<td>Weyerhaeuser NR</td>
<td>Weyerhaeuser NR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address:</th>
<th>Mailing Address:</th>
<th>Mailing Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 Metcalf Street, Building F-5E</td>
<td>500 Metcalf Street, Building F-5E</td>
<td>500 Metcalf Street, Building F-5E</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City, State, Zip:</th>
<th>City, State, Zip:</th>
<th>City, State, Zip:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedro-Woolley, WA 98284</td>
<td>Sedro-Woolley, WA 98284</td>
<td>Sedro-Woolley, WA 98284</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phone: (360) 424-2014</th>
<th>Phone: (360) 424-2014</th>
<th>Phone: (360) 424-2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email: <a href="mailto:wes.worden@weyerhaeuser.com">wes.worden@weyerhaeuser.com</a></td>
<td>Email: <a href="mailto:wes.worden@weyerhaeuser.com">wes.worden@weyerhaeuser.com</a></td>
<td>Email: <a href="mailto:wes.worden@weyerhaeuser.com">wes.worden@weyerhaeuser.com</a></td>
</tr>
</tbody>
</table>

### 2. Contact Person

<table>
<thead>
<tr>
<th>Contact Person:</th>
<th>Phone: (509) 387-0321</th>
<th>Email: <a href="mailto:wes.worden@weyerhaeuser.com">wes.worden@weyerhaeuser.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wes Worden</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 3. Are you converting the land to non-forestry use within 3 years of harvest?

- ☑️ No  ☐ Yes  
  If yes, include your SEPA checklist and SEPA determination (if applicable) and county clearing and grading permit (if applicable).

### 4. If you are harvesting timber, enter the Forest Tax Number of the Timber Owner:

- 800070834

  **Contact the Department of Revenue at 1-800-548-8829 for tax reporting information or to obtain a number.**

### 5. Are you eligible for EARR Tax Credit?  ☑️ Yes  ☐ No

- ☑️ Yes  ☐ No  
  If yes, Check all that apply. If no, skip to Question 6.

- ☐ My entire proposed harvest area is on a single contiguous ownership consisting of one or more parcels.

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10/1/2018  Page 1 of 9  Western Washington
☐ My proposed forest practices activities are within an area covered by an approved Forest Stewardship Plan or Forest Management Plan developed in cooperation with DNR.

☐ I received technical assistance from a DNR small forest landowner Stewardship and Technical Assistance Forester in preparing this FPA/N.

☐ I have participated in a Washington State University Extension Service and/or DNR-sponsored Forest Stewardship Coached Planning course.

☐ I have attended a Washington State University Extension Service and/or DNR-sponsored Family Forest Owner Field Day.

6. Are you substituting prescriptions from an approved state or federal conservation agreement or Watershed Analysis?
   ☐ No ☐ Yes Write ‘HCP’ or ‘Using Prescriptions’ in tables that apply. Attach or reference prescriptions and/or crosswalks for approved state or federal conservation agreements or Watershed Analysis on file at the Region office.

7. What is the legal description of your forest practices?

<table>
<thead>
<tr>
<th>Section</th>
<th>Township</th>
<th>Range</th>
<th>E/W</th>
<th>Tax Parcel Number</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>28N</td>
<td>9</td>
<td>E</td>
<td></td>
<td>Snohomish</td>
</tr>
</tbody>
</table>

8. Have you reviewed this forest practices activity area to determine whether it may involve historic sites and/or Native American cultural resources? Read the instructions before answering this question.
   ☐ No ☐ Yes If you made any contacts, please provide information in Question 28.

9. Do you have a DNR approved Road Maintenance and Abandonment Plan (RMAP)?
   a. ☐ No ☐ Yes If no, skip to c.,
      If yes, enter your RMAP number: R28000009L, continue to b.
   b. ☐ No ☐ Yes Is this Forest Practices Application/Notification for work that is included in this approved RMAP?
   c. ☐ No ☐ Yes Is a Checklist RMAP required (see instructions)?

10. Are there potentially unstable slopes or landforms in or around the area of your forest practices activity?
    ☐ No ☐ Yes If yes, attach Appendix D. Slope Stability Informational Form and map of areas reviewed for and locations of unstable slopes and landforms found. If applicable, attach a geotechnical letter, memo, or report, Watershed Analysis prescriptions, and/or a SEPA Environmental Checklist.

11. Is this Forest Practices Application/Notification (answer every question):
    a. ☐ No ☐ Yes A request for a multi-year permit? If yes, length requested: ☐ 4 years or ☐ 5 years. Not everyone qualifies for a multi-year permit. See instructions for details.
    b. ☐ No ☐ Yes An Alternate Plan? If yes, include a template or detailed plan. See instructions for details.
c. ☒No ☐Yes For a funded Forest Family Fish Passage Program project?

d. ☒No ☐Yes Within an urban growth area? If yes, see instructions for additional required documents.

e. ☒No ☐Yes Within a public park? If yes, include SEPA Environmental Checklist or SEPA Determination, except for harvest/salvage of less than 5,000 board feet within a developed public park.

Park name: ________________________________________________________________

f. ☒No ☐Yes Within 500 feet of a public park? Park name: ________________________________

g. ☒No ☐Yes In an approved Conversion Option Harvest Plan (COHP) from the local government? If yes, include a copy. This only applies to proposals within urban growth areas.

h. ☒No ☐Yes Within 200 feet of the Ordinary High Water Mark (OHWM) or floodway of Type S Water? If yes, check with the county or city to determine whether a substantial development permit is required under the local shorelines master plan.

i. ☐No ☒Yes Within 50 miles of saltwater AND you own more than 500 acres of forest land in Washington State? If yes, include Marbled Murrelet Form or attach/reference HCP prescriptions.

j. ☒No ☐Yes In or directly adjacent to a potential Channel Migration Zone (CMZ)? If yes, include CMZ Assessment Form. Attach/reference applicable HCP and/or Watershed Analysis prescriptions.

You are required to verify all waters within 200 feet of your proposed forest practices activities prior to submitting a Forest Practices Application / Notification. Use the Water Type Classification Worksheet and/or a Water Type Modification form to explain how you verified water types. See Water Typing Requirements in the instructions.

* * * * * If not working in or over typed Waters, skip to Question 16 * * * * *

Prior to answering Questions 12-15 in this section please refer to the Forest Practices Application Instructions and Forest Practices Board Manual Section 5.

12. Are you proposing any of the following projects NOT permitted by current HPAs from WDFW?

a. ☒No ☐Yes Installing, replacing, or repairing a culvert at or below the bankfull width of Type S or F Water(s) that exceeds a five percent gradient?

b. ☒No ☐Yes Constructing, replacing, or repairing a bridge at or below the bankfull width of unconfined streams in Type S or F Water(s)?

c. ☒No ☐Yes Placing fill material within the 100-year flood level of unconfined streams in Type S or F Water(s)?

13. Have you consulted with DNR and/or WDFW about the proposed hydraulic project(s) in or over Type S or F Water? ☒No ☐Yes

14. If installing, replacing, removing, or maintaining structures in or over any typed Water, complete the table below. Provide crossing locations and identifiers on your Activity Map. Provide plan details in Question 28 or attach plan to the FPA/N. Type S and F Waters require detailed plan information. Complex hydraulic projects in Type N Waters may also be required per WAC 222-24-042(2). See instructions for detailed plan requirements.
<table>
<thead>
<tr>
<th>Crossing Identifier (letter, number)</th>
<th>Water Type (S, F, Ns, Np)</th>
<th>Existing HPA Number (if applicable)</th>
<th>HPA Expiration Date (if applicable)</th>
<th>Planned Activity (install, replace, remove, temporary, structure maintenance)</th>
<th>Structure (bridge, ford/equipment crossing**, puncheon/fill, arch, pipe arch, round culvert, other)</th>
<th>Proposed Size (width x length)</th>
<th>Culvert Design Method (no-slope, stream-sim, hydraulic, other) (F and S only)</th>
<th>Channel Bed Width (ft)</th>
<th>Stream Gradient (% (F and S only)</th>
<th>Is this an RMA Project?</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Np</td>
<td></td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>24&quot; x 30'</td>
<td></td>
<td></td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>B</td>
<td>Np</td>
<td></td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>24&quot; x 30'</td>
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<td>No</td>
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<td>C</td>
<td>Np</td>
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<td></td>
<td>install</td>
<td>round culvert</td>
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<td></td>
<td>No</td>
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<tr>
<td>D</td>
<td>Np</td>
<td></td>
<td></td>
<td>temporary</td>
<td>round culvert</td>
<td>60&quot; x 40'</td>
<td></td>
<td></td>
<td></td>
<td>No</td>
</tr>
</tbody>
</table>

*Existing HPAs issued by WDFW will be complied and enforced by WDFW until expiration. Plan details are not required for hydraulic projects permitted with an existing HPA (see instructions).

**Fords and/or equipment crossings on Type S and F Waters may result in an unauthorized incidental take of certain threatened or endangered fish species. For more information, see ‘Background for the State’s Incidental Take Permits for certain threatened and endangered fish species’ following Question 22 of the FPA/N Instructions.

15. If conducting any of the following activities in or over typed Water(s), complete the table below. Some activities will require identifiers on the Activity Map and/or more information in Question 28. See instructions.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Type S Water</th>
<th>Type F Water</th>
<th>Type Np Water</th>
<th>Type Ns Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment Crossing**</td>
<td>PROVIDE DETAILS IN QUESTION 14</td>
<td>×</td>
<td>×</td>
<td></td>
</tr>
<tr>
<td>Suspending Cables</td>
<td>×</td>
<td>×</td>
<td>×</td>
<td></td>
</tr>
<tr>
<td>Cable Yarding</td>
<td>×</td>
<td>×</td>
<td>×</td>
<td></td>
</tr>
<tr>
<td>LWD Placement/Removal</td>
<td>×</td>
<td>×</td>
<td>×</td>
<td></td>
</tr>
<tr>
<td>Beaver Dam Removal</td>
<td>×</td>
<td>×</td>
<td>×</td>
<td></td>
</tr>
<tr>
<td>Felling and Bucking</td>
<td>×</td>
<td>×</td>
<td>×</td>
<td></td>
</tr>
<tr>
<td>Other (describe in question 28)</td>
<td>×</td>
<td>×</td>
<td>×</td>
<td></td>
</tr>
</tbody>
</table>

*Existing HPAs issued by WDFW will be complied and enforced by WDFW until expiration. Plan details are not required for hydraulic projects permitted with an existing HPA (see instructions).

**Fords and/or equipment crossings on Type S and F Waters must be identified in Question 14.

16. If constructing or abandoning forest roads, complete the table below. Show the road locations and identifiers on the Activity Map. Include abandonment plans for all temporary roads and abandonment projects.

<table>
<thead>
<tr>
<th>Road Identifier (name, number)</th>
<th>Road Construction</th>
<th>Road Abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Length (feet)</td>
<td>Steepest Side-slope (%)</td>
</tr>
<tr>
<td>9220</td>
<td>2150</td>
<td>65</td>
</tr>
<tr>
<td>9210</td>
<td>5300</td>
<td>80</td>
</tr>
<tr>
<td>9210-A</td>
<td>600</td>
<td>80</td>
</tr>
<tr>
<td>9215</td>
<td>1100</td>
<td>60</td>
</tr>
</tbody>
</table>
17. If depositing spoils and/or expanding or developing a rock pit for forestry use, complete the table below. Show locations and identifiers on the Activity Map.

<table>
<thead>
<tr>
<th>Spoil Area Identifier (letter, number)</th>
<th>Amount of Spoils Deposited (cubic yards)</th>
<th>Rock Pit Identifier (name, number or letter)</th>
<th>Acres of New Rock Pit Developed</th>
<th>Acres of Existing Rock Pit Expanded</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP1</td>
<td>500</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

18. If operating within 200 feet of a wetland that is not associated with Type S or F Water, complete the table below. Wetlands associated with Type S or F water should be listed in Question 25. Show the boundaries of each wetland, along with its identifier, and Wetland Management Zones on the Activity Map. See instructions for information.

<table>
<thead>
<tr>
<th>Wetland Identifier (letter, number)</th>
<th>Wetland Type (A, B, Forsted)</th>
<th>Planned Activities in Wetland</th>
<th>Planned Activities in Maximum Width WMZ</th>
<th>Total Wetland Acres</th>
<th>How many Acres will be drained?</th>
<th>How many Acres will be filled?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*** If not harvesting or salvaging timber, skip to Question 27 ***

19. If harvesting or salvaging timber, complete the table below. Show all harvest areas and unit numbers on the Activity Map. For even-aged harvest units, also show surrounding stand information on the Activity Map.

<table>
<thead>
<tr>
<th>Unit Number</th>
<th>Harvest Type (Even-aged, Uneven-aged, Salvage, Right-of-Way)</th>
<th>Biomass Harvest (Yr or N)</th>
<th>Harvest Method (rubber tired skidder, tracked skidder, dozer, shovel, full suspension cable, leading and suspension cable, helicopter, cable assist/tethered logging, animal, chipper, forwarder, slash bundler)</th>
<th>Acres to be Harvested</th>
<th>Volume to be Harvested (mbf)</th>
<th>Biomass Volume to be Harvested (tonnage)</th>
<th>Volume to be Harvested (%)</th>
<th>Steepest Slope in Harvest Unit (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Even-aged</td>
<td>N</td>
<td>shovel, leading and susp cable, cable assist/tethered logging</td>
<td>76</td>
<td>2040</td>
<td>99</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>2</td>
<td>Right-of-Way</td>
<td>N</td>
<td>shovel</td>
<td>1</td>
<td>10</td>
<td>100</td>
<td>85</td>
<td>85</td>
</tr>
</tbody>
</table>

10/1/2018  Page 5 of 9  Western Washington
20. Reforestation. Check all that apply:

☑ Planting. Tree Species: conifer

☐ Natural. Include a Natural Regeneration Plan

☐ Not required because of one or more of the following:

☐ I am converting some or all of this land to non-forest land in the next 3 years or lands are exempted under WAC 222-34-050.

☐ Individual dead, dying, down, or wind-thrown trees will be salvaged.

☐ Trees are removed under a thinning program reasonably expected to maximize the long-term productivity of commercial timber.

☐ I am leaving at least 100 vigorous, undamaged, and well-distributed saplings or merchantable trees per acre.

☐ An average of 190 tree seedlings per acre are established on the harvest area and my harvest will not damage them.

☑ Road right-of-way or rock pit development harvest only.

* * Do you own MORE than 80 acres of forest land in Washington? If yes, skip to Question 25 * *

21. Are you using the exempt 20-acre parcel riparian management zone (RMZ) rule (WAC 222-30-023) on Type S, F, or Np Waters?

☐ No  Skip to Question 25.

☐ Yes  Continue to Question 22. See instructions for qualifications and information.

22. Choose the answer below that best fits your situation. Show all RMZs on the Activity Map.

☐ a. ALL of the following apply to me and my land: (If no, answer b.)

- Between June 5, 2006 and today's date I have always owned less than 80 acres of forest land in Washington.

- Between June 5, 2006 and today's date this parcel has always been 20 acres or less of contiguous ownership. See RCW 76.09.020 for definition of 'contiguous'.

- Between June 5, 2006 and today's date this parcel has always been owned by me or someone else that has owned less than 80 acres of forest land in Washington.

☐ b. ONE OR MORE of the following apply to me and/or my land (check all that apply):

If any of the statements below apply AND you use the exempt 20-acre parcel RMZ rule, you are NOT authorized under the State's Incidental Take Permits (see explanation in FPA instructions under Question 22).

☐ Between June 5, 2006 and today's date I have owned more than 80 acres of forest land in Washington.

☐ Between June 5, 2006 and today's date this parcel has been a part of more than 20 acres of contiguous ownership. See RCW 76.09.020 for definition of 'contiguous'.

☐ Between June 5, 2006 and today's date this parcel has been owned by someone that has owned more than 80 forested acres in Washington.
23. If harvesting within 115 feet of a Type S or F Water on an exempt 20-acre parcel, complete the table below. Show RMZs and stream segment identifiers on the Activity Map. If you are harvesting within 75 feet or within the maximum RMZ (whichever is less), stream shade must be assessed and met following harvest. Describe in Question 28 how stream shade was determined to be met, using the 'Appendix F. Stream Shade Assessment Worksheet' if necessary.

<table>
<thead>
<tr>
<th>Stream Segment Identifier (letter)</th>
<th>Water Type (S, F)</th>
<th>Segment Length (feet)</th>
<th>Bankfull Width (feet)</th>
<th>RMZ Maximum Width (feet)</th>
<th>Are you harvesting within the maximum RMZ? (Y or N)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

24. Are you harvesting within 29 feet of a Type Np Water on an exempt 20-acre parcel?

☐ No  Skip to Question 27.

☐ Yes  See instructions and describe leave tree strategy in Question 28. Then skip to Question 27.

25. If harvesting within 200 feet of any Type S or F Water or periodically inundated areas of their associated wetlands, complete the table below. Include Desired Future Condition (DFC) for all inner zone harvests unless you have an HCP prescription. Show RMZs, CMZs, and stream segment identifiers on the Activity Map. If you are harvesting within 75 feet or within the maximum RMZ, whichever is less, stream shade must be assessed and met following harvest. Describe in Question 28 how stream shade was determined to be met or use the 'Appendix F. Stream Shade Assessment Worksheet' if necessary.

<table>
<thead>
<tr>
<th>Stream Segment Identifier (letter)</th>
<th>Water Type (S, F)</th>
<th>Site Class (I - V)</th>
<th>Stream Width (feet)</th>
<th>Is there a CMZ? (Y or N)</th>
<th>RMZ Harvest Code(s) (see instructions)</th>
<th>DFC Run Number</th>
<th>Total width of RMZ (feet)</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

26. If harvesting within 50 feet of Type Np Water, complete the table(s) below. Show RMZs and stream segment identifiers on the Activity Map.

<table>
<thead>
<tr>
<th>Stream Segment Identifier (letter)</th>
<th>Total Stream Length in Harvest Unit (feet)</th>
<th>Length of No-Harvest, 50-foot Buffers in Harvest Unit (feet)</th>
<th>Stream Segment Identifier (letter)</th>
<th>Total Stream Length in Harvest Unit (feet)</th>
<th>Length of No-Harvest, 50-foot Buffers in Harvest Unit (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Np5</td>
<td>3415</td>
<td>2800</td>
<td>Np5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Np10-12</td>
<td>2300</td>
<td>1500</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
27. How are the following currently marked on the ground? (Flegging color, paint color, road, fence, etc.)

Harvest/Salvage Boundaries: Unit 1=30' each side from old grade centerline, unit 2 pink flagging

Clumped Wildlife Reserve Trees/Green Recruitment Trees: Within RMZs, Unstable, and Wildlife Tree Areas as mapped (pink flagging)

Right-of-Way Limits/Road Centerlines: existing grade

Stream Crossing Work: Junction of old grade with streams

Riparian Management Zone Boundaries and Leave/Take Trees: pink flagging

Channel Migration Zone: Not applicable

Wetland Management Zone Boundaries and Leave/Take Trees: Not applicable

28. Additional Information (attach additional pages if necessary): For hydraulic projects in or over Type S, F, or complex N Water(s) see instructions for required plan information. If applicable, include mitigation measures from a geotechnical memo, letter, or report.

The proposed road construction includes two inner gorge crossings (Crossings C and D) and thus is expected to meet Class IV Special designation for the forest practice application. See included Geotech report written by Ted Turner, Qualified Expert Geologist with regards to reconstruction of the 9210 and 9220 Roads. Specifically the first 700 feet of proposed reconstruction of 9210 and inner gorge crossings C and D of Np5. As per recommendations of the report the following measures will be implemented:

Site 1 and where the existing road prism needs to be widened: move road into the cutslope to attain a safe road width. End-haul spoils to spoils site SP1. Place a rock berm on the outside edge of the road to prevent ravel delivery to Np1. Rock berm will consist of 1-3 man size rip rap.

Site 2: End-haul cut slope ravel to spoils site SP1.

Sites 3 & 4 (Crossings C & D): Install shot rock, dipped crossing fills across the Np stream and associated bedrock inner gorges. Shot rock will use 12' size rock with smaller sizes intermixed for proper locking together. Crossing D will be temporary and will not be left over winter. It will be installed between May 1st and removed by October 31st of the same year. Due to the temporary nature of this crossing the armoring will be minimized since the culvert will be removed before the winter season and thus less disturbance to the crossing will occur during install and removal. See included SEPA Enviromental Worklist.

For road construction spoils will not be sidecast where side slopes exceed 60%.

Crossings A and B will have rip rap rock buttressing on the cut slopes where those seeps come out of the cut bank. Any additional seeps located during construction between crossings A and C will also have rip rap buttressing and culverts installed as necessary.

Equipment crossings of Np10 and Ns1: Stream channels and banks will be protected with logs and/or slash. Upon completion of use of crossing this material will be removed from channel.
29. We acknowledge the following:
   • The information on this application/notice is true.
   • We understand this proposed forest practice is subject to:
     o The Forest Practices Act and Rules AND
     o All other federal, state or local regulations.
   • Compliance with the Forest Practices Act and Rules does not ensure compliance with the Endangered Species Act or other federal, state or local laws.
   • If we said that we would not convert the land to non-forestry use, the county or city may deny development permits on this parcel for the next 6 years.
   • The following may result in an unauthorized incidental take of certain endangered or threatened fish species:
     o Conversion of land to non-forestry use.
     o Harvesting within the maximum RMZ on a 20-acre exempt parcel that was acquired after June 5, 2006.
     o Equipment Crossings/Fords in or over Type S and F Waters.
   • Inadvertent Discovery – Chapters 27.44, 27.53, 68.50 and 68.60 RCW
     o If you find or suspect you have found an archaeological object or Native American cairn, grave, or glyptic record, immediately cease disturbance activity, protect the area and promptly contact the Department of Archaeology and Historic Preservation at 360 586-3077.
     o If you find or suspect you have found human skeletal remains, immediately cease disturbance activity, protect the area, and contact the County Coroner or Medical Examiner and local law enforcement as soon as possible. Failure to report human remains is a misdemeanor.

The landowner understands that by signing and submitting this FPA, he/she is authorizing the Department of Natural Resources to enter the property in order to review the proposal, inspect harvest operations, and monitor compliance for up to three years after its expiration date. RCW 76.09.150

<table>
<thead>
<tr>
<th>Signature of Legal LANDOWNER</th>
<th>Signature of Legal TIMBER OWNER*</th>
<th>Signature of Legal OPERATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Signature]</td>
<td>[Signature]</td>
<td>[Signature]</td>
</tr>
<tr>
<td>Print Name: Wes Worden</td>
<td>Print Name: Wes Worden</td>
<td>Print Name: Wes Worden</td>
</tr>
<tr>
<td>Date: 7/17/19</td>
<td>Date: 7/17/19</td>
<td>Date: 7/17/19</td>
</tr>
</tbody>
</table>

*NOTE: If you are a "Perpetual Timber Rights Owner," and are submitting this without the Landowner's Signature, provide written evidence the landowner has been notified.

Please make a copy of this FPA/N for your records. If this FPA/N contains a hydraulic project requiring WDFW concurrence review, it will not be available online for public review until after the WDFW concurrence review period.
## Appendix A. Water Type Classification Worksheet

**Western Washington**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date(s) Observed: Sept 2018</td>
<td>Date(s) Observed: Sept 2018</td>
<td>Date(s) Observed: Sept 2018</td>
</tr>
</tbody>
</table>

1. Did you determine fish use as described in the Forest Practices Board Manual Section 12? Or, does the stream have waiver characteristics? *(See WAC 222-16-021(3)(b)(ii))*

<table>
<thead>
<tr>
<th>☒ No. Continue</th>
<th>☐ Yes. Attach documentation or approved WTMF number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Fish found.</td>
<td>☐ Type F water. Stop.</td>
</tr>
<tr>
<td>☐ No fish. Continue.</td>
<td>☐ No Continue.</td>
</tr>
</tbody>
</table>

2. Were fish observed or are fish known to use the stream any time of the year?

<table>
<thead>
<tr>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
</tr>
</thead>
</table>

3. Is there an impoundment (ponded water) upstream of the assessed segment that is greater than 0.5 acres?

<table>
<thead>
<tr>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
</tr>
</thead>
</table>

4. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is two feet or greater? AND, is the average stream gradient less than or equal to 1%?

<table>
<thead>
<tr>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
</tr>
</thead>
</table>

5. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is two feet or greater? AND, is the average stream gradient between 16% and 20%? AND, is the contributing basin to the stream greater than 50 acres?

<table>
<thead>
<tr>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
<th>☐ Yes. Type F water. Stop.</th>
</tr>
</thead>
</table>

6. Does the stream segment contain water at all times during a normal rainfall year?

|------------------|------------------|------------------|

7. Is the stream segment downstream of a perennial source of water?

<table>
<thead>
<tr>
<th>☐ Yes. Type Np water. Go to 9</th>
<th>☐ Yes. Type Np water. Go to 9</th>
<th>☐ Yes. Type Np water. Go to 9</th>
</tr>
</thead>
</table>

8. Is the stream physically connected by an above-ground channel to Type S, F, or Np water?

<table>
<thead>
<tr>
<th>☐ Yes, Type Ns water.</th>
<th>☐ Yes, Type Ns water.</th>
<th>☐ Yes, Type Ns water.</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ No, non-typed water.</td>
<td>☐ No, non-typed water.</td>
<td>☐ No, non-typed water.</td>
</tr>
</tbody>
</table>

9. Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Walked to the end of channel and flow</td>
<td>channel/flow continued beyond harvest unit</td>
<td>Channel connects into another Np segment</td>
</tr>
</tbody>
</table>
# Appendix A. Water Type Classification Worksheet

**Western Washington**

<table>
<thead>
<tr>
<th>Stream/Segment ID: <em>Ns1</em></th>
<th>Stream/Segment ID:</th>
<th>Stream/Segment ID:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date(s) Observed: <em>Sept 2018</em></td>
<td>Date(s) Observed:</td>
<td>Date(s) Observed:</td>
</tr>
</tbody>
</table>

1. **Did you determine fish use as described in the Forest Practices Board Manual Section 13? Or, does the stream have waiver characteristics? [See WAC 222-16-031(3)(b)(ii)]**

   - [X] No. Continue
   - [ ] Yes. Attach documentation or approved WTMF number.
   - [ ] Fish found. Type F water. Stop.
   - [ ] No fish. Continue.
   - [ ] Yes. Meets waiver criteria. Continue to 6.

2. **Were fish observed or are fish known to use the stream any time of the year?**

   - [ ] Yes. Type F water. Stop.
   - [X] No. Continue.

3. **Is there an impoundment (ponded water) upstream of the assessed segment that is greater than 0.5 acres?**

   - [ ] Yes. Type F water. Stop.
   - [X] No. Continue.

4. **Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is two feet or greater? AND, is the average stream gradient less than or equal to 16%?**

   - [ ] Yes. Type F water. Stop.
   - [X] No. Continue.

5. **Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is two feet or greater? AND, is the average stream gradient between 16% and 20%? AND, is the contributing basin to the stream greater than 50 acres?**

   - [ ] Yes. Type F water. Stop.
   - [X] No. Continue.

6. **Does the stream segment contain water at all times during a normal rainfall year?**

   - [ ] Yes. Type Np water. Go to 9.
   - [X] No. Continue.

7. **Is the stream segment downstream of a perennial source of water?**

   - [ ] Yes. Type Np water. Go to 9.
   - [X] No. Continue.

8. **Is the stream physically connected by an above-ground channel to Type S, F, or Np water?**

   - [X] Yes, Type Ns water.
   - [ ] No, non-typed water.

9. **Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).**

   Stream/Segment ID: ________ Stream/Segment ID: ________ Stream/Segment ID: ________
Appendix D. Slope Stability Informational Form

Complete and attach this form to your FPA/N if you answered ‘Yes’ to FPA Question 10. Refer to WAC 222-16-050(1) (d) and Forest Practices Board Manual Section 16—Guidelines for Evaluating Potentially Unstable Slopes for definitions and descriptions of potentially unstable slopes or landforms. Instructions for Appendix D. is located in the Forest Practices Application/Notification Instruction document.

1. a. What preliminary screening tools were used to identify unstable slopes or landform features in and/or around your proposal?
   - [x] Aerial Photo, [x] LiDAR, [x] Landslide Inventory, [□] Landslide Hazard Zones, [□] GIS,
   [□] Other, describe:

b. Did any of the features identified during the preliminary screening (1.a.) not exist when you performed a field review? If yes, describe:

   Potential deep-seated landslide was detected on hillshade (associated with 9210 road switchbacks). Features are subtle on hillshade and locally indistinct in the field. There are no indicators of recent or historic movement. Feature supports old growth stumps with no apparent deformation. See 2a below.

2. a. Are you conducting forest practices activities in or over potentially unstable slopes or landforms? Check all that apply:
   - [x] Inner Gorge  [□] Groundwater recharge areas for glacial deep-seated landslides
   - [x] Bedrock Hollow  [□] Convergent Headwall  [x] Toe of deep-seated landslide
   [□] Outer edges of meander bends
   [□] Other (Deep-seated landslides or other features of potentially unstable slopes). Describe:

   Feature noted in 1b: No RIL as landslide activity level is considered relict. Toe is mostly <65% gradient with gentle open slopes below with no streams and therefore no sediment delivery potential. Inner gorge and hollow landforms are excluded from unit where sediment delivery potential is possible.

b. What activities may occur in or over potentially unstable slopes or landforms? Check all that apply:
   - [x] Timber harvest  [x] Road construction  [x] Suspending cables  [x] Yarding  [□] Tailholds

3. a. Are you conducting forest practices activities around potentially unstable slopes or landforms? Check all that apply:
   - [x] Inner Gorge  [□] Groundwater recharge areas for glacial deep-seated landslides
   - [x] Bedrock Hollow  [□] Convergent Headwall  [x] Toe of deep-seated landslide
   [□] Outer edges of meander bends
   [□] Other (Deep-seated landslides or other features of potentially unstable slopes). Describe:

b. What activities may occur around potentially unstable slopes or landforms? Check all that apply:

Revised 10/1/2018
4. a. Were any features identified in question 3.a. excluded from your forest practices activity?
   □ No, skip to question 5.  ✔ Yes, continue to question 4.b.

   b. Describe the field indicators you used to exclude potentially unstable slopes or landforms from your forest practices activity (i.e.: flagging was placed a crown width away from the break in slope of the inner gorge.):

      Flagging was generally placed at the 70% break in slope where inner gorge features or bedrock hollows were identified.

5. Are there areas of public use (which may include, but are not limited to: public roads, utilities, designated recreation areas, occupied structures, etc.) located in or around the area of your proposed forest practices activity?
   ✔ No   □ Yes, Show these locations on the map in question 7.

6. Date(s) of field review(s): Summer 2018, July 2019

   Person(s) that conducted field review(s):  Ted Turner  Geologist
   Name                     Title/position
   Wes Worden               Forest Engineering Specialist
   Name                     Title/position

7. Attach a map that shows the following:
   ▪ All areas reviewed.
   ▪ Locations of unstable slopes and landforms that were identified as described in question 2.a. and 3.a. above.
   ▪ Locations where areas of public use exist as described in question 5 above.

   This map is intended to be developed by the field practitioner. This can be a forest practices activity map, harvest map, or GIS map – See attached example.
PROPOSED NEW ROAD CONSTRUCTION (ORPHANED ROADS)

Date: June 10, 2019  
To: Wes Worden (Weyerhaeuser Western Timberlands, Plain, WA)  
From: Ted Turner (Weyerhaeuser NR Company, Centralia, WA)  
Setting: MU #15143, 9210 and 9220 roads  
STR: Sec. 22 – T28N – R9E  
Watershed: Wallace River  
County: Snohomish

Overview
This report details my interpretation of landslide hazards and associated prescriptions for a portion of your FPA that includes proposed orphaned road work ("new" construction per DNR classification) along the 9210 and 9220 roads. We visited the area on October 22, 2018.

A summary of my observations and recommendations are as follows:
- The portion of the 9210 evaluated here is underlain by Cretaceous-Jurassic-age marine metasedimentary rocks. The 9220 Road is underlain by glacial drift according to published maps; however, abundant bedrock exposures (e.g., along streams) suggest the glacial veneer is very thin to non-existent locally.
- Slopes above the 9210 road are planar to broadly convergent and locally steep, but mostly <60% gradient outside the road prism. Below the road, slopes are steeper above the Np stream and soils are generally well-drained with bedrock seeps (fracture flow) present locally.
- West of the Np stream crossing, minor settling of sidecast fill has occurred and dry ravel from cut slopes has covered the road surface. The road can be moved into the slope where needed to regain width as there are no RILs above the road prism. Colluvial debris covering the road surface will be end-hauled to a stable site.
- The Np crossings will be constructed with shot rock, dipped fills due to the presence of shallow (15-20 ft. deep) bedrock inner gorge landforms. At the 9210 crossing, a few alders and small fir will need to be removed to install the crossing and will have no significant effect on slope stability.
Supporting data and figures
  Setting, topography, prescriptions, and field site locations...................... Figure 1
  Topography, geology, and prescriptions.................................................. Figure 2
  Topography and slope class................................................................. Figure 3
  2018 NAIP imagery.................................................................................. Figure 4

Geomorphic Setting and Prior Work
The orphaned 9210 Road is underlain by Cretaceous-Jurassic-age marine metasedimentary rocks
(KJmm(w) per online geologic map portal). Slopes above the road are planar to broadly
convergent and locally steep, but mostly <60% gradient outside the road prism. Below the road
and above the Np stream, slopes are also primarily planar, but mostly >60% gradient.

The 9220 Np crossing is underlain by glacial drift according to 1:100,000-scale geologic
mapping. However, bedrock outcrops are abundant indicating the glacial veneer is very thin to
absent where streams have incised into the underlying bedrock.

There does not appear to be prior landslide inventory or slope stability hazard mapping
completed for this area either by Watershed Analysis, Landslide Hazard Zonation, or other
surveys.

Field Observations
See Figure 1 for field site locations.

Site 1  9210 Road:
A portion of the road shoulder fill has settled several inches here. This site is
above an Np stream. The cut slope is dry. Above the cut slope, slopes are planar
to broadly convergent, and 50-70% gradient. Moving the road into the slope, to
regain width, will work well here as no RILs are present upslope.
  • Rx: Use standard road construction practices. You may consider
    placement of a rock berm on the outside of the reconstructed road shoulder
to minimize the potential for delivery of dry ravel from the cut bank to the
    Np stream.

Site 2  9210 Road:
This site is northeast of Site 1 and west of the Np stream. Dry ravel from the cut slope
has covered the road surface here. Slopes above the road prism are uniform, mostly
dry, stable, and 50-70% gradient. Between this site and the Np stream, moist soils
were observed locally in the road prism. Below the road, soils are also locally wet due
to seeps (groundwater exfiltration via bedrock fracture flow)
  • Rx: The road can be regraded without the need to realign into the cut slope.
    Colluvial debris from cut slope ravel should be end-hauled. Surface aggregate
    may be reused.
Site 3  9210 Road, Np crossing, bedrock inner gorge:
Bedrock outcrops are abundant along the stream margin ridges and sideslopes. The existing road on either side of the crossing is in good condition with no sign of current or historic slope instability. The crossing is a good candidate for a dipped, shot rock crossing fill to minimize volume and maximize stability. Along the northeast side of crossing, just above the current road surface, are a few <10-inch diameter conifer. There is also one alder in the road and an 8-inch fir above the inner gorge break. These trees will need to be removed to install the new crossing; a deminimis requirement for crossing construction with no significant influence on slope stability.
  - Rx: Install a shot rock, dipped crossing fill across the Np stream and associated bedrock inner gorge.

Site 4  9220 Road, Np crossing, bedrock inner gorge:
The bedrock inner gorge is approximately 15-feet deep with abundant rock outcrops, similar to Site 2.
  - Rx: Install a shot rock, dipped crossing fill across the Np stream and associated bedrock inner gorge.

Limitations
This report was prepared for Weyerhaeuser Company for use in the determination of potential channel migration hazard and risk. My interpretations are based on a field reconnaissance of the site that was performed in a manner consistent with similar investigations done by other qualified professionals. The areas visited in the field have been identified and the observations indicate surface conditions only at those specific locations.

If, during harvest and road planning, conditions are found which differ significantly from those presented here, alert me at once so that my recommendations can be reviewed and revised, if necessary. I cannot be responsible for construction or forest management activity on other sites which neighbor or adjoin the property referenced in this report.

Ted Turner, R.G., L.E.G.
Department of Natural Resources requirements for addressing WAC222-10-030 (1) (a, b, c)

Date: June 10, 2019
To: Wes Worden (Weyerhaeuser Western Timberlands, Plain, WA)
From: Ted Turner (Weyerhaeuser NR Company, Centralia, WA)
Setting: MU #15143, 9210 and 9229 roads
STR: Sec. 22 – T28N – R9E
Watershed: Wallace River

The following are responses addressing WAC 222-10-030 (1) (a, b, c).
(1) In order to determine whether such forest practices are likely to have a probable significant adverse impact, and therefore require an environmental impact statement, the applicant must submit the following additional information, prepared by a qualified expert. The expert must describe the potentially unstable landforms in and around the application site and analyze:

(a) The likelihood that the proposed forest practices will cause movement of the potentially unstable slopes or landforms, or contribute to further movement of a potentially unstable slope or landforms;

The proposed new construction of the orphaned 9210 and 9229 roads will not occur in RILs (except for Np inner gorge crossings) and will utilize standard practices for road construction. Np crossings will be shot rock, dipped fills; a best management practice design for bedrock inner gorges to minimize fill and maximize crossing stability. No management-related slope instability is anticipated.

(b) The likelihood of delivery of sediment or debris to any public resources or in a manner that would threaten public safety; and

No management-related sediment delivery is anticipated. The likelihood of public safety impacts from the proposed forest practices is low as there are no high public safety risk structures (homes or high traffic public roads) below the unit.

(c) Any possible mitigation for the identified hazards and risks.

RILs associated with the proposed road work are the Np inner gorge crossing. The crossing fill will employ a shot rock, dipped fill – a best management practice design for bedrock inner gorges.

Ted Turner, RG, LEG

[Signature]

[Stamp: State of Washington Licensed Geologist]
StreamStats Report

Region ID: WA
Workspace ID: WAS019071717304387000
Clicked Point (Latitude, Longitude):
47.8994, -121.63844
Time: 2019-07-17 10:31:01 -0700

Basis Characteristics

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<th>Parameter Description</th>
<th>Value</th>
<th>Unit</th>
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<tbody>
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<td>DRRAREA</td>
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<td>square miles</td>
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<tr>
<td>PRECPRIS10</td>
<td>Baseline mean annual precipitation for 1981 to 2010 from PRISM</td>
<td>143</td>
<td>inches</td>
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Peak-Flow Statistics Parameter

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<th>Parameter Name</th>
<th>Value</th>
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<th>Max Limit</th>
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Peak-Flow Statistics Flow Report

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<td>5 Year Peak Flood</td>
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<td>10 Year Peak Flood</td>
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<td>ft³/s</td>
</tr>
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<td>25 Year Peak Flood</td>
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</table>

Peak-Flow Statistics Citations


USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

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USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Application Version: 4.3.8

2817083
5.2 Construction BMPs for Culverts and Bridges
Minimizing the number of water crossings in the following locations will reduce road costs and risks to water quality and other public resources:

- In areas requiring steep road approaches.
- Across braided stream channels.
Marbled Murrelet Form  
Western Washington Forest Practices Application/Notification  

Complete this form only if you are harvesting timber (including salvage) or constructing roads. Do not complete this form if you have an HCP for marbled murrelets. 

Answer every question.

1.  ☒ No ☐ Yes  For this FPA/N, has a protocol survey(s) been completed that includes:
   • Harvest units (and within 300 ft on your ownership), or
   • Salvage units (and within 300 ft on your ownership), or
   • Any area of proposed road construction (and within 300 ft on your ownership)?

   If 'Yes', fill out the table and check the appropriate findings below.

<table>
<thead>
<tr>
<th>Survey ID (Name or Unit #)</th>
<th>Township, Range, &amp; Section</th>
<th>Survey was approved by WDFW (Attach approval letter from WDFW)</th>
<th>Survey was disapproved by WDFW and is being resubmitted with this FPA/N (Explain below)</th>
<th>Survey has been submitted to WDFW and survey approval is unknown (Explain below)</th>
<th>Survey is complete but has not yet been submitted to WDFW (Submit survey with FPA/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
</tr>
<tr>
<td></td>
<td></td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
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<tr>
<td></td>
<td></td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
<td>☐ Occupancy ☐ Presence ☐ No Detections</td>
</tr>
</tbody>
</table>

Explanation:

2.  ☒ No ☐ Yes ☐ Unknown  Will you harvest, salvage, or construct roads within 0.25 miles of an occupied sit?

3.  ☒ No ☐ Yes ☐ Unknown  Will you fly helicopter(s) over or within 0.25 miles of an occupied site?

4.  ☒ No ☐ Yes  Will you harvest live trees in a buffer of an occupied site?

   If Yes, describe the live trees and buffer widths you will leave. NOTE: If you leave less than required in WAC 222-16-080(1) (j) (v) this is a Class IV-Special and an Environmental Checklist is required

Description of managed buffers:

Form QQ46 (05-14-05)  1 of 2
5. No [X] Yes [ ]

Are there nesting platforms within any harvest unit (including salvage and road construction) that are within 300 feet that:

- Are not located within a surveyed area, and;
- Have a minimum of 2 platforms per acre, and;
- Are located within 7 or more acres of contiguous habitat, and;
- Have at least 40% (number not volume) of the dominant and co-dominant trees made up of Douglas-fir, western hemlock, western red cedar, or Sitka spruce?

*If "Yes", complete the table below for those areas.*

<table>
<thead>
<tr>
<th>Name or # (as shown on map) of delineated stands of contiguous habitat</th>
<th>Delineated stand acres</th>
<th>Nesting platforms per acre</th>
<th>Number of trees 32 inches dbh or greater with platforms</th>
<th>Platform Assessment Method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Field Sampling Method, Sample Plot Method, 100% Cruise Method, Inventory Model Method, or Other</td>
</tr>
</tbody>
</table>

6. No [X] Yes [ ]

Are there areas within this forest practice or within 300 feet that:

- Are not surveyed, and:
- Are not listed in question 5, and:
- Have trees that are at least 32 inches dbh

*If "Yes", list the forest practice unit numbers from your activity map. Provide brief description of current stand conditions. Such as tree species composition, stand age (if known), and maximum tree size (dbh).*

Harvest Unit #(s) __________________________ [ ] Within the Unit [ ] Within 300 feet of the Unit

Description:

Harvest Unit #(s) __________________________ [ ] Within the Unit [ ] Within 300 feet of the Unit

Description:

Harvest Unit #(s) __________________________ [ ] Within the Unit [ ] Within 300 feet of the Unit

Description:

7. If you answered yes to question 1, 4, or 5, include a map (separate from your map that shows your harvest units and/or road construction) See the instructions for the information required on each map.
<table>
<thead>
<tr>
<th>DATE</th>
<th>DOCUMENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/9/2019</td>
<td>Map &amp; pgs. 4 &amp; 8</td>
<td>Replaced</td>
</tr>
</tbody>
</table>
Hi Linda,

As per the site visit yesterday for FPA 2817083 “Adversarial” please replace the map and pages 4 and 8 of the application. Thanks.

Wes Worden
Forest Practices Application/Notification
Notice of Decision

Decision
[ ] Notification Operations shall not begin before the effective date.
[ ] Approved This Forest Practices Application is subject to the conditions listed below.
[ ] Disapproved This Forest Practices Application is disapproved for the reasons listed below.
[ ] Closed Applicant has withdrawn FPA/N.

FPA/N Classification
[ ] Class II [ ] Class III [ ] Class IVG [x] Class IVS

Number of Years Granted on Multi-Year Request
[ ] 4 years [ ] 5 years

Conditions on Approval / Reasons for Disapproval
No additional conditions.

FOR YOUR INFORMATION:

Please notify DNR Northwest Region Office (360-856-3500) 48 business hours before commencing timber harvest operations.
Please provide the application number and legal description for your operation.

Issued By: Steven Huang
Title: Skykomish Forest Practice Forester
Copies to: [x] Landowner, Timber Owner and Operator.
Issued in person: [ ] Landowner [ ] Timber Owner [ ] Operator By:

Region: Northwest
Date: 8/19/2019
**Appeal Information**

You have thirty (30) days to appeal this Decision and any related State Environmental Policy Act determinations to the Pollution Control Hearings Board in writing at the following addresses:

**Physical address:** 1111 Israel Rd. SW, Ste 301, Tumwater, WA 98501  
**Mailing address:** P.O. BOX 40903, OLYMPIA, WA 98504-0903  

Information regarding the Pollution Control Hearings Board can be found at: [http://www.elhuco.wa.gov/](http://www.elhuco.wa.gov/)

At the same time you file an appeal with the Pollution Control Hearings Board, also send a copy of the appeal to the Department of Natural Resources' region office and the Office of the Attorney General at the following addresses:

<table>
<thead>
<tr>
<th>Office of the Attorney General</th>
<th>Department Of Natural Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Resources Division</td>
<td>Northwest Region</td>
</tr>
<tr>
<td>1125 Washington Street SE</td>
<td>919 N Township St</td>
</tr>
<tr>
<td>PO Box 40100</td>
<td>Sedro-Woolley WA 98284</td>
</tr>
<tr>
<td>Olympia, WA 98504-0100</td>
<td></td>
</tr>
</tbody>
</table>

**Other Applicable Laws**

Operating as described in this application/notification does not ensure compliance with the Endangered Species Act, or other federal, state, or local laws.

**Transfer of Forest Practices Application/Notification (WAC 222-20-010)**

Use the "Notice of Transfer of Approved Forest Practices Application/Notification" form. This form is available at region offices and on the Forest Practices website: [http://www.dnr.wa.gov/businesspermits/forestpractices](http://www.dnr.wa.gov/businesspermits/forestpractices).

Notify DNR of new Operators within 48 hours.

**Continuing Forest Land Obligations (RCW 76.09.060, RCW 76.09.070, RCW 76.09.390, and WAC 222-20-055)**

Obligations include reforestation, road maintenance and abandonment plans, conversions of forest land to non-forestry use and/or harvest strategies on perennial non-fish habitat (Type Np) waters in Eastern Washington.

Before the sale or transfer of land or perpetual timber rights subject to continuing forest land obligations, the seller must notify the buyer of such an obligation on a form titled "Notice of Continuing Forest Land Obligation". The seller and buyer must both sign the "Notice of Continuing Forest Land Obligation" form and send it to the DNR Region Office for retention. This form is available at DNR region offices.

If the seller fails to notify the buyer about the continuing forest land obligation, the seller must pay the buyer's costs related to continuing forest land obligations, including all legal costs and reasonable attorneys' fees incurred by the buyer in enforcing the continuing forest land obligation against the seller.

Failure by the seller to send the required notice to the DNR at the time of sale will be prima facie evidence in an action by the buyer against the seller for costs related to the continuing forest land obligation prior to sale.

**DNR affidavit of mailing:**

On this day 8-19-19, I placed in the United States mail at Sedro-Woolley, WA, postage paid, a true and accurate copy of this document, Notice of Decision FPA # 2817083.  

L Utgard  
(Signature)
<table>
<thead>
<tr>
<th>DATE</th>
<th>DOCUMENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/1/2020</td>
<td>Transfer Form</td>
<td>Change of Operator</td>
</tr>
</tbody>
</table>
Forest Practices Application/Notification
NOTICE OF TRANSFER

I/we transfer my/our rights, privileges, and obligations under this approved Forest Practices Application or Notification. I/we affirm that the information contained below is true and agree to comply with the rules authorized by the Forest Practices Act and be bound by all conditions on the approved application or notification.

FPA/N Number: 2817083  
Section(s): 27  
Township: 28  
Range: 9

Original Landowner (Signature):  

Original Landowner (Printed): Weyerhaeuser Company  
Date: 5/27/2020

New Operator – Complete this section only if you are:

- [ ] Changing an operator for:  
  - Road construction  
  - Timber harvest  
  - Aerial spray

- [ ] Adding an operator for:  
  - Road construction  
  - Timber harvest  
  - Aerial spray

Legal Name of New Operator: (Print)  
Cascade H & A
Phone: 3260-435-9614
Email: cascade.dale@gmail.com

New Operator Signature:  
Date: 5/27/2020

New Landowner – Complete this section only if you are transferring your FPA to a new landowner

- [ ] No  
- [ ] Yes  
  Are you a small forest landowner per RCW 76.09.450 (if yes, continue to question below)

- [ ] No  
- [ ] Yes  
  Is your entire proposed harvest area on a single contiguous ownership consisting of one or more parcel(s)?

Legal Name of New Landowner: (Print)
Phone:
Email:

New Landowner Signature:  
Date:

New Timber Owner – Complete this section only if you are transferring your timber rights

Legal Name of Timber Owner: (Print)
Phone:
Email:

Forest Tax Reporting Account Number: (Contact Dept. of Revenue at: 1-800-548-8829)
800 070 834

New Timber Owner Signature:  
Date:

Received by:  
Date: 6/1/2020

(DNR Forest Practices Staff Signature)  
11/01/2017