Forest Practices Application/Notification
Office Checklist Page 1

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

### Resource Review
- Unstable Slopes (Risk: Highway, Water: ____________)
- Soils Map (Highly Erodible & Very Unstable)
- SLPS TAB
- 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/Document

### Associated Scanned Documents
- Conversion Option Harvest Plan
- FPHP Plans & Specifications
- Qualified Expert Report; Type:
- Natural Regeneration Plan
- Shoreline Permit
- Marbled Murrelet Form
- FPBM Appendix(s)
- Small Landowner RMAP Checklist
- CMZ Assessment Form

### EARR Tax Credit
- [ ] Yes
- [ ] No

### Additional Comments:
- Resubmitted of 2816963

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**FPA/N #:** 2816968

**Received Date:** 5-27-19

**WDFW Concurrence Due Date:**

**WDFW Concurrence Review Completed:**

**Comments Due Date:** 6-2-19

**Decision Due Date:** 6-22-19

**FP Forester:** Sky 30

**Shutdown Zone:** 658

**RMAP #:** R28000091

### FPA/N Classification: [ ] II [ ] III [ ] IVG [ ] IVS

<table>
<thead>
<tr>
<th>Landowner Name:</th>
<th>Wey Co</th>
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</thead>
</table>

| WR A: | Skohomish |

| WR A: |

| WR A: |

<table>
<thead>
<tr>
<th>Legal Description:</th>
</tr>
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<tbody>
<tr>
<td>Hms 8-28-95</td>
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| County: Skohomish |

<table>
<thead>
<tr>
<th>Activity Type:</th>
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<tbody>
<tr>
<td>Harvest 14 ac</td>
</tr>
<tr>
<td>Spray 6 ac</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Project Name:</th>
</tr>
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<tbody>
<tr>
<td>No Excuses Roads (C)</td>
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</table>

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

| WAU: |

| WAU: |

| Stream Crossing(s): 16 |

| Road Construction 10, 305 ft |

| Abandonment 103 ft |

| Spoils 103 ft |

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**Biomass [ ] FFFP [ ] 20-acre exempt [ ]**

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**ASSOCIATED NON-SCANNED DOCUMENTS – On file with the FPA/N at the Region office.**

- Large Landowner Road Maintenance and Abandonment Plan

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**ASSOCIATED SCANNED DOCUMENTS**

- Conversion Option Harvest Plan
- FPHP Plans & Specifications
- Qualified Expert Report; Type:
- Natural Regeneration Plan
- Shoreline Permit
- Marbled Murrelet Form
- FPBM Appendix(s)
- Small Landowner RMAP Checklist
- CMZ Assessment Form

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**EARR Tax Credit**

- [ ] Yes
- [ ] No

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**ADDITIONAL COMMENTS:**

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**Form completed by:**

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October, 2016 Version
### Forest Practices Application/Notification
#### Western Washington

**Project Name:** No Excuses Roads, MU 13552

**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:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(360) 424-2014</td>
<td><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:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wes Worden</td>
<td>(509) 387-0321</td>
<td><a href="mailto:wes.worden@weyerhaeuser.com">wes.worden@weyerhaeuser.com</a></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

   **RECEIVED NW REGION**

   MAY 23 2019

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

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☐ 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 Coach 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>
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<tbody>
<tr>
<td></td>
<td></td>
<td>28N</td>
<td>9</td>
<td>E</td>
<td>Snohomish</td>
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</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.
### Crossings Table

<table>
<thead>
<tr>
<th>Crossing Identifier (letter, number)</th>
<th>Water Type (S, W, Ns, N)</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**, punching/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, if S only)</th>
<th>Stream Gradient (%) (F and S only)</th>
<th>Is this an RMAP Project?</th>
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<tbody>
<tr>
<td>see</td>
<td>attached</td>
<td>list</td>
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</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>
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<tr>
<td>Cable Yarding</td>
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<td></td>
<td></td>
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<tr>
<td>LWD Placement/Removal</td>
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<tr>
<td>Beaver Dam Removal</td>
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<tr>
<td>Felling and Bucking</td>
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<tr>
<td>Other (describe in Question 28)</td>
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</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>
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</thead>
<tbody>
<tr>
<td></td>
<td>Length (feet)</td>
<td>Steepest Side-slope (%)</td>
</tr>
<tr>
<td>Mainline</td>
<td>4500</td>
<td>50</td>
</tr>
<tr>
<td>Spur 1/Spur2</td>
<td>350/500</td>
<td>50</td>
</tr>
<tr>
<td>Spur 3/Spur 3A/Spur 3B</td>
<td>1350/1500/550</td>
<td>25</td>
</tr>
<tr>
<td>Spur 4/Spur 5/Spur 5A</td>
<td>200/1000/400</td>
<td>40</td>
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</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>
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</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, Forested)</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>
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</thead>
<tbody>
<tr>
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</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 (Y or N)</th>
<th>Harvest Method (rubber tired skidder, tracked skidder, dozer, shovel, full suspension cable, leading end 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>Right-of-Way</td>
<td>N</td>
<td>shovel</td>
<td>14</td>
<td>250</td>
<td>100</td>
<td>~60</td>
<td></td>
</tr>
</tbody>
</table>
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>
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</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>
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</thead>
<tbody>
<tr>
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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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
27. How are the following currently marked on the ground? (Flagging color, paint color, road, fence, etc.)

Harvest/Salvage Boundaries: approximately 30' on each side of the orange flagged centerline and old grades

Clumped Wildlife Reserve Trees/Green Recruitment Trees: Not applicable

Right-of-Way Limits/Road Centerlines: orange flagged centerline or old road grades

Stream Crossing Work: orange centerline/old grade junction with stream crossing

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

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.

No Excuses Roads" MU 13552

Culvert sizes were determined as follows using the following methods from the DNR Board Manual:

Method A:
Crossings A,B,C,D,E,K,L,M: 1' wide x 3" deep
Crossings G,O,P,Q: 2' wide x 3" deep

Method C (see included calculations and basin maps)
Crossing H & I

Np4 and Np4a are waters pirated down an old road grade from Np3 that originates on WA DNR lands. I am seeking permission to correct this problem. The proposed fix would be to walk an excavator on the old grade (Spur 1) to the point of pirating. The natural Np drainage channel would be shaped to keep water from pirating down the old grade. Water bars would be added as an additional measure to keep the water in the natural drainage. This would eliminate streams Np4 and Np4a and crossing I. If this were not agreed to prior to approval of this application I would submit an amendment eliminating crossing I afterwards.

Water is also pirated from Np10 down the "mainline". This will be corrected (Np 10 water will stay in the Np10 drainage as mapped).

Typed waters will be disconnected from ditch lines with 18" intercept culverts and/or rocked sumps and rocked ditch lines where there is insufficient distance to make a cross-drain culvert effective. The ditch line between stream crossings A and G will be rocked (not enough room here to install cross-drain intercept culverts or sumps).
29. We acknowledge the following:

- The information on this application/notification is true.
- We understand this proposed forest practice is subject to:
  - The Forest Practices Act and Rules AND
  - 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:
  - Conversion of land to non-forestry use.
  - Harvesting within the maximum RMZ on a 20-acre exempt parcel that was acquired after June 5, 2006.
  - Equipment Crossings/Fords in or over Type S and F Waters.
- Inadvertent Discovery – Chapters 27.44, 27.53, 68.50 and 68.60 RCW
  - 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 360 588-3077.
  - 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>Print Name: Wes Worden</td>
<td>Print Name: Wes Worden</td>
<td>Print Name: Wes Worden</td>
</tr>
<tr>
<td>Date: 5/21/19</td>
<td>Date: 5/21/19</td>
<td>Date: 5/21/19</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.
<table>
<thead>
<tr>
<th>Crossing Identifier (letter and/or number)</th>
<th>Water Type</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) (F and S only)</th>
<th>Stream Gradient (%)(F and S only)</th>
<th>Is this an RMAP Project?</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Ns</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>18&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>B</td>
<td>Ns</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>18&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>C</td>
<td>Ns</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>18&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>D</td>
<td>Ns</td>
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<td>install</td>
<td>round culvert</td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>E</td>
<td>Ns</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>18&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>G</td>
<td>Np</td>
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<td>install</td>
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<td>24&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>H</td>
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<td>No</td>
<td>No</td>
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<td>I</td>
<td>Np</td>
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<td>No</td>
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<td>J</td>
<td>Ns</td>
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<td>36&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>K</td>
<td>Ns</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>18&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>L</td>
<td>Ns</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>18&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>M</td>
<td>Ns</td>
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<td>18&quot; x 40'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>O</td>
<td>Np</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>24&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>P</td>
<td>Np</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>24&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Q</td>
<td>Np</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>24&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>R</td>
<td>untyped (X)</td>
<td></td>
<td>install</td>
<td>round culvert</td>
<td>18&quot; x 30'</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>
Water pirated from this point down old grade to the West.
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?
   ☑ Aerial Photo, ☑ LiDAR, ☑ 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:

      Yes. DNR Slope stab shows many areas of potential slope instability that were not found to be unstable on the ground.

2. a. Are you conducting forest practices activities in or over potentially unstable slopes or landforms? Check all that apply:
   ☐ Inner Gorge ☐ Groundwater recharge areas for glacial deep-seated landslides
   ☐ Bedrock Hollow ☐ Convergent Headwall ☐ 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 in or over potentially unstable slopes or landforms? Check all that apply:
   ☑ Timber harvest ☐ Road construction ☐ Suspending cables ☐ Yarding ☐ Tailholds

3. a. Are you conducting forest practices activities around potentially unstable slopes or landforms? Check all that apply:
   ☑ Inner Gorge ☐ Groundwater recharge areas for glacial deep-seated landslides
   ☑ Bedrock Hollow ☐ Convergent Headwall ☐ 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:
   ☑ Timber harvest ☑ Road construction ☐ Suspending cables ☐ Yarding ☐ Tailholds

   2816968
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):

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):  September 2018

   Person(s) that conducted field review(s):
<table>
<thead>
<tr>
<th>Name</th>
<th>Title/position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wes Worden</td>
<td>Forest Engineering Specialist</td>
</tr>
<tr>
<td>Tony Fox</td>
<td>Consulting Forester</td>
</tr>
</tbody>
</table>

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.
Appendix A. Water Type Classification Worksheet
Western Washington

<table>
<thead>
<tr>
<th>Stream/Segment ID: Np1,2,3,4*</th>
<th>Stream/Segment ID: Np4a*.6,22</th>
<th>Stream/Segment ID: Np5,7,8-21,23-26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date(s) Observed: Summer 2018</td>
<td>Date(s) Observed: Summer 2018</td>
<td>Date(s) Observed: Summer 2018</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)]

<table>
<thead>
<tr>
<th>No. Continue</th>
<th>No. Continue</th>
<th>No. Continue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes. Attach documentation or approved WTMF number.</td>
<td>Yes. Attach documentation or approved WTMF number.</td>
<td>Yes. Attach documentation or approved WTMF number.</td>
</tr>
</tbody>
</table>

| ☑ Fish found. Type F water. Stop. | ☑ Fish found. Type F water. Stop. | ☑ Fish found. Type F water. Stop. |

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

| ☑ Yes. Type F water. Stop. | ☑ Yes. Type F water. Stop. | ☑ Yes. Type F water. Stop. |

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

| ☑ Yes. Type F water. Stop. | ☑ Yes. Type F water. Stop. | ☑ Yes. Type F water. Stop. |

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. | ☑ Yes. Type F water. Stop. | ☑ Yes. Type F water. Stop. |

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. | ☑ Yes. Type F water. Stop. | ☑ Yes. Type F water. Stop. |

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?


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

| ☑ Yes, Type Ns water. | ☑ Yes, Type Ns water. | ☑ Yes, Type Ns water. |
| No, non-typed water. | No, non-typed 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: Np1,2,3,4
  - channel/flow continued beyond property ownership
- Stream/Segment ID: Np4a,6,22
  - channel connects to another Np stream upslope
- Stream/Segment ID: Np3
  - walked channel to end of flow and channel (PIP on map)

Appendix A: WW 10/1/2018
### Appendix A. Water Type Classification Worksheet

Western Washington

<table>
<thead>
<tr>
<th>Stream/Segment ID: Ns1-Ns10</th>
<th>Stream/Segment ID: X1</th>
<th>Stream/Segment ID: __________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date(s) Observed: summer 2018</td>
<td>Date(s) Observed: Summer 2018</td>
<td>Date(s) Observed: F__________</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)(iii)]

- [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.

- [□] 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.

- [□] 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.

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

- [□] Yes. Type F water. Stop.
- [□] 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.

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

- [□] Yes. Type F water. Stop.
- [□] 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.

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

- [□] Yes. Type F water. Stop.
- [□] 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.

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

- [□] Yes. Type F water. Stop.
- [□] 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.

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

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

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

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

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

- [□] Yes. Type Np water. Go to 9
- [□] 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.

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

- [□] 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: __________
Figure 3.4 Nomograph for calculating sizes for round corrugated metal culvert pipe on Type N Waters.
Washington State Hydrology
USGS Regression Equations
Region 2

SR __________________________ Date ____________
Project No Excuses Crossing I
Made By Wes Worden

Equations:

\[ Q_{2yr} = 0.090 \times A^{0.877} \times (MAP)^{1.51} \]  
(Standard Error = 56%)

\[ Q_{10yr} = 0.129 \times A^{0.868} \times (V\!\!A\!P)^{1.57} \]  
(Standard Error = 53%)

\[ Q_{25yr} = 0.148 \times A^{0.864} \times (MAP)^{1.99} \]  
(Standard Error = 53%)

\[ Q_{50yr} = 0.161 \times A^{0.862} \times (MAP)^{1.61} \]  
(Standard Error = 53%)

\[ Q_{100yr} = 0.174 \times A^{0.861} \times (MAP)^{1.62} \]  
(Standard Error = 54%)

Legend

\( Q \) = Flow (cfs)

\( A \) = Drainage Basin Area (miles\(^2\))

\( MAP \) = Mean Annual Precipitation (inches)

Limits

\( 0.08 \text{ miles}^2 \leq A \leq 3,020 \text{ miles}^2 \)

\( 23 \text{ in} \leq MAP \leq 170 \text{ in} \)

<table>
<thead>
<tr>
<th>Description of Area</th>
<th>Return Frequency</th>
<th>( A )</th>
<th>( MAP )</th>
<th>( Q )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace Existing Pipe</td>
<td>100</td>
<td>0.07</td>
<td>135</td>
<td>49.8</td>
</tr>
</tbody>
</table>

Drainage Basin Area: 45 Acres = 0.0703125 miles\(^2\)

2816968
StreamStats Report

Region ID: WA
Workspace ID: WA20104090037:2706000
Clicked Point (Latitude, Longitude):
47 92846, 121 69462

Basin Characteristics

Parameter Code | Parameter Description | Value | Unit
--- | --- | --- | ---
DRNAREA | Area that drains to a point on a stream | 0.4 | square miles
PRECPR1910 | Basin average mean annual precipitation for 1991 to 2010 from PRISM | 135 | inches

Peak Flow Statistics Parameters

Peak Flow Statistics Flow Report

Parameter Code | Parameter Description | Value | Units | Min Limit | Max Limit
--- | --- | --- | --- | --- | ---
DRNAREA | Drainage Area | 0.4 | square miles | 0.98 | 2610
PRECPR1910 | Mean Annual Precip PRISM 1991 2010 | 135 | inches | 33.2 | 168

Peak Flow Statistics Flow Report

Statistic | Value | Unit | Pll | Plu | SEp
--- | --- | --- | --- | --- | ---
2 Year Peak Flood | 69 | ft / s | 34.4 | 128 | 43.2
5 Year Peak Flood | 104 | ft / s | 50.7 | 214 | 44.4
10 Year Peak Flood | 136 | ft / s | 60.8 | 263 | 45.6
25 Year Peak Flood | 153 | ft / s | 70.6 | 333 | 48.1
50 Year Peak Flood | 172 | ft / s | 76.8 | 384 | 50.5
100 Year Peak Flood | 192 | ft / s | 84.2 | 438 | 51.8
200 Year Peak Flood | 211 | ft / s | 85.1 | 501 | 54.2
500 Year Peak Flood | 237 | ft / s | 95.7 | 581 | 57.7

Peak Flow Statistics Citations


USGS Data Disclamier: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which they 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 USGS or any other persons provide warranty to any party using, the data or results herein. 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 USGS or any other persons provide warranty to any party using, the data or results herein.

USGS Software Disclaimer: This software has been approved for release by the U.S. Geological Survey (USGS). Although the software has been subjected to rigorous review, the USGS reserves the right to update the software as needed pursuant to further analysis and review. No warranty, expressed or implied, is made by the USGS or the U.S. Government as to the functionality of the software and related material nor shall the fact of release constitute any such warranty. Furthermore, the software is released on condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.

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: 4.3.0
Figure 3.4 Nomograph for calculating sizes for round corrugated metal culvert pipe on Type N Waters.
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>□ Occupancy</td>
<td>□ Presence</td>
<td>□ No Detections</td>
<td>□ Occupancy</td>
<td>□ Presence</td>
<td>□ No Detections</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Occupancy</td>
<td>□ Presence</td>
<td>□ No Detections</td>
<td>□ Occupancy</td>
<td>□ Presence</td>
<td>□ No Detections</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Occupancy</td>
<td>□ Presence</td>
<td>□ No Detections</td>
<td>□ Occupancy</td>
<td>□ Presence</td>
<td>□ No Detections</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation:

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

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 leave 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 ☐ 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 a 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>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. ☐ No ☒ 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) _______ 1 ☐ Within the Unit ☒ Within 300 feet of the Unit

Description:
There are some scattered 32"+Doug-fir, western redcedar, and hemlock up to about 45" DBH in the cliffy slopes to the west of the proposed right-of-way.

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.

Form CO46 (05-14-05) 2 of 2

2816968
<table>
<thead>
<tr>
<th>DATE</th>
<th>DOCUMENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/7/2019</td>
<td>REVISIONS</td>
<td>Replaced pg 2, 4, 5 &amp; map. Added map.</td>
</tr>
</tbody>
</table>
Hi Linda & Steve,

Regarding FPA 2816968 please replace pages 2, 4, and 5 of the application and update the section 8 map. I also have included a map for section 22. This reflects the addition of a short spur (Spur 3C, 250' long) and the development of a pit at its termination point. Also I propose the expansion of an existing pit. Thanks.

Wes Worden
Forest Engineering Specialist
Weyerhaeuser Company
509-387-0321
☐ 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 Forrester 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>8</td>
<td>28N</td>
<td>9</td>
<td>E</td>
<td></td>
<td>Snohomish</td>
</tr>
<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.
<table>
<thead>
<tr>
<th>Crossing Identifier (letter, number)</th>
<th>Water Type (S, F, N, NS)</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, fordequipment crossing**, punccheon/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 (%F and S only)</th>
<th>Stream Gradient (%F and S only)</th>
<th>Is this an RMAP Project?</th>
</tr>
</thead>
<tbody>
<tr>
<td>see</td>
<td>attached</td>
<td>list</td>
<td></td>
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</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>
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<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>x</td>
<td>x</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>Mainline</td>
<td>4500</td>
<td>50</td>
</tr>
<tr>
<td>Spur 1/Spur2/Spur3</td>
<td>350/500/1350</td>
<td>50/50/25</td>
</tr>
<tr>
<td>Spur 3A/3B/3C</td>
<td>500/550/250</td>
<td>25 for all</td>
</tr>
<tr>
<td>Spur4/Spur5/Spur5A</td>
<td>200/1000/400</td>
<td>40 for all</td>
</tr>
</tbody>
</table>

10/1/2018
Page 4 of 9
JUN 07 2019
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></td>
<td></td>
<td>Pit #1</td>
<td>.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pit #2</td>
<td>0.2</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, Forested)</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>
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<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 (Y or N)</th>
<th>Harvest Method (rubber tired skidder, tracked skidder, dozer, shovel, full suspension cable, leading end 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>Right-of-Way</td>
<td>N</td>
<td>shovel</td>
<td>14</td>
<td>250</td>
<td>100</td>
<td>~60</td>
<td></td>
</tr>
</tbody>
</table>
Forest Practices Application/Notification
Notice of Decision

Decision
[ ] Notification  Operations shall not begin before the effective date.
[x] 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  [x] Class III  [ ] Class IVG  [ ] 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  Region:  Northwest
Title:  Skykomish Forest Practice Forester  Date:  6/13/2019
Copies to:  [x] Landowner, Timber Owner and Operator.
Issued in person:  [ ] Landowner  [ ] Timber Owner  [ ] Operator  By:  

Washington State Department of Natural Resources • Notice of Decision • August 5, 2013  Page 1
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.eluho.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:

Office of the Attorney General
Natural Resources Division
1125 Washington Street SE
PO Box 40100
Olympia, WA 98504-0100

Department Of Natural Resources
Northwest Region
And
919 N Township St
Sedro-Woolley WA 98284

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.
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 6/14/2019, 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 # 2816908

L Utgard
(Printed name) (Signature)
<table>
<thead>
<tr>
<th>DATE</th>
<th>DOCUMENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/7/2019</td>
<td>REVISIONS</td>
<td>Replaced pg 2, 4, 5 &amp; map. Added map.</td>
</tr>
<tr>
<td>7/25/19</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: 2816968  Section(s): 6  Township: 28  Range: 9

Original Landowner (Signature): /Name/  Date: 7/25/2019

Original Landowner (Printed): Weyerhaeuser Company

New Operator – Complete this section only if you are:

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

Legal Name of New Operator: (Print)
D & G Enterprises
D & G Enterprises
Phone: 425-330-1073
Email: logmastergeorge@gmail.com

New Operator Signature:  Date: 7/25/19

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)
Mailing Address:
11921 Kellogg Lake Road
PO Box 190
Sultan, WA  98293

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)
Mailing Address:

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: 7/25/19

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