**Forest Practices Application/Notification**

**Office Checklist Page 1**
Northwest Region

<table>
<thead>
<tr>
<th>FPA/N CLASSIFICATION:</th>
<th>[ ] II [ ] III [ ] IVG [ ] IVS</th>
<th>Biomass [ ] FFFPP [ ] 20-acre exempt [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landowner Name:</td>
<td>DNR</td>
<td>Project Name:</td>
</tr>
</tbody>
</table>

| WRIA:                  | Skykomish                      | WAU:                                    |
| WRIA:                  |                                  | WAU:                                    |
| Legal Description:     | 8.9.18-27-10E                   | WAU:                                    |
| County:                | Skykomish                      |                                          |

| Activity Type:         | Harvest 84.2 ac                | Stream Crossing(s):                     |
|                       | Spray ac                      |                                          |
|                       | Road 5056 ft                   | Rock Pit 2.5 ac                         |
|                       | Construction 1871 ft           | Spoils 1000 cy                          |

**ALTERNATIVE PRESCRIPTIONS ADDITIONAL COMMENTS:**

- [ ] Alternate Plan
- [ ] Ten-Year Forest Management Plan
- [ ] Columbia River Gorge National Scenic Area
- [ ] Watershed Analysis: ________________
- [ ] Landowner Option Plan for Northern Spotted Owl
- [ ] Cooperative Habitat Enhancement Agreement

**RESOURCE REVIEW**

- [ ] Unstable Slopes (Risk: Highway, Water, ___)
- [ ] Soils Map (Highly Erodible & Very Unstable)
- [ ] Landslide Inventory Polygon
- [ ] Potential Avalanche Areas
- [ ] High Avalanche Hazard Area
- [ ] 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
- [ ] 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 NON-SCANNED DOCUMENTS**

- [ ] SEPA Checklist/Documents
- [ ] Large Landowner Road Maintenance and Abandonment Plan

**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
- [ ] 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

**ADDITIONAL COMMENTS:**

Form completed by ________________

FPA/N #: 28 173 58
Received Date: 2-25-2020
WDFW Concurrency Due Date: ___________
WDFW Concurrency Review Completed: ___________
Comments Due Date: 3-10-2020
Decision Due Date: 3-26-2020
FP Forester: Sky 3a
Shutdown Zone: ___________
RMAP #: 28 88000 1000
Forest Practices Application/Notification  
Western Washington

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>Department of Natural Resources</td>
<td>☒ Same as Landowner</td>
<td>☒ Same as Landowner</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address:</th>
<th>Mailing Address:</th>
<th>Mailing Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>919 N. Township Street</td>
<td></td>
<td></td>
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</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></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Phone: (360) 856-3500</th>
<th>Phone:</th>
<th>Phone:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email:</td>
<td>Email:</td>
<td>Email:</td>
</tr>
</tbody>
</table>

2. Contact Person

<table>
<thead>
<tr>
<th>Contact Person:</th>
<th>Phone: (360) 856-3500</th>
<th>Email: <a href="mailto:tim.stapleton@dnr.wa.gov">tim.stapleton@dnr.wa.gov</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tim Stapleton</td>
<td></td>
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</tbody>
</table>

3. Are you converting any portion of 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:

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

a. Are you eligible for EARR Tax Credit?  ☐ No  ☒ Yes
5. Are you a small forest landowner per RCW 76.09.450? See instructions
   ☒No  ☐Yes  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.
   ☐ 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.  See HCP

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>27</td>
<td>10</td>
<td>E</td>
<td>Secret</td>
<td>SNOHOMISH</td>
</tr>
<tr>
<td>9</td>
<td>27</td>
<td>10</td>
<td>E</td>
<td>Secret</td>
<td>SNOHOMISH</td>
</tr>
<tr>
<td>18</td>
<td>27</td>
<td>10</td>
<td>E</td>
<td>Secret</td>
<td>SNOHOMISH</td>
</tr>
</tbody>
</table>

   *Does not include legal description for pre-haul maintenance; it is not a Forest Practices activity.

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.  See FPA Narrative

9. Do you have a DNR approved Road Maintenance and Abandonment Plan (RMAP)?
   ☐No  ☒Yes  Enter your RMAP number: R2800010L
   ☐No  ☒Yes  Is this FPA/N for work that is included in this approved RMAP?

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. □ Yes □ No 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. □ Yes □ No Constructing, replacing, or repairing a bridge at or below the bankfull width of unconfined streams in Type S or F Water(s)?
   c. □ Yes □ No 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? □ Yes □ No
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, Np, 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, 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 aim, 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 RMAP Project?</th>
</tr>
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<tbody>
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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>
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<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>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**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></td>
<td>5,056</td>
<td>30</td>
</tr>
</tbody>
</table>

See FPA Narrative
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>DF-67 8+53</td>
<td>500</td>
<td>DF-30052-0101</td>
<td>0</td>
<td>0.5</td>
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<tr>
<td>DF-67 17+20</td>
<td>500</td>
<td>DF-65</td>
<td>1.0</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td>DF-6704</td>
<td>1.0</td>
<td>0</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>See Aquatics Addendum</td>
<td></td>
<td></td>
<td></td>
<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 (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 (m³)</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>Ground/Cable</td>
<td>84.2</td>
<td>1,565</td>
<td>--</td>
<td>93</td>
<td>88</td>
</tr>
</tbody>
</table>
```

*Includes approximately 14.0 acres of RMZ/WMZ thinning and 0.8 acres ROW.*
20. Reforestation. Check all that apply:

☒ Planting. Tree Species: Douglas-fir, western redcedar, Pacific silver fir

☐ 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
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>
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</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>

See Aquatics Addendum

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 (foot)</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

See Aquatics Addendum
27. How are the following currently marked on the ground? *(Flagging color, paint color, road, fence, etc.)*

- Harvest/Salvage Boundaries: See FPA Narrative
- Clumped Wildlife Reserve Trees/Green Recruitment Trees: See FPA Narrative
- Right-of-Way Limits/Road Centerlines: See FPA Narrative
- Stream Crossing Work: See FPA Narrative
- Riparian Management Zone Boundaries and Leave/Take Trees: See FPA Narrative
- Channel Migration Zone: See FPA Narrative
- Wetland Management Zone Boundaries and Leave/Take Trees: See FPA Narrative

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.

See attached FPA Narrative.
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 any portion of 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 360 586-3077.
  - 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* (If different than landowner)</th>
<th>Signature of Legal OPERATOR (If different than landowner)</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Signature]</td>
<td>[Signature]</td>
<td>[Signature]</td>
</tr>
<tr>
<td>John B. Moon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date: 1/22/2020</td>
<td></td>
<td></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.
FPA Narrative

This proposed activity is being conducted on lands covered by the Department’s multi-species HCP. These planned activities are consistent with our approved HCP dated September 1997 and associated Incidental Take Permits. See the attached HCP checklist for habitats and species both covered by our HCP agreement and specifically addressed with this proposal. Additionally, attached are DNR proprietary HCP/FPA substitute Addendums for Aquatic Resources, Northern Spotted Owl and Marbled Murrelets. This proposal also complies with the letter of agreement dated February 23, 2007 between DNR state lands and the US Fish and Wildlife Service.

Question #14:
Further information relating to this question:
In order to achieve adequate deflection, cables may be suspended over type 3, 4 and 5 streams. If yarding occurs over type 5 streams, lead end of logs will be suspended over streams. Equipment for ground-based operations will cross type 5 streams at designated crossings. Type 5 stream crossings by ground-based equipment shall be as close to perpendicular as possible and may require log cribbing, culvert installation, or other approved methods to be in place to protect channels and banks. Timber will be fallen and yarded away from all streams when possible.

Question #16:
Any roads to be built then abandoned (also known as temporary road) that are listed in the table for this Question, are “optional construction roads”. Of the length listed in the table, zero feet up to the entire length listed may be built. For further information please see the road plan associated with the timber sale, on file at the Northwest Region Office.

<table>
<thead>
<tr>
<th>Road Identifier (Name, Number)</th>
<th>Road Construction</th>
<th>Abandonment Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Length (feet)</td>
<td>Steepest Side-slope (%)</td>
</tr>
<tr>
<td>DF-65</td>
<td>951</td>
<td>15</td>
</tr>
<tr>
<td>DF-66</td>
<td>268</td>
<td>5</td>
</tr>
<tr>
<td>DF-67</td>
<td>3374</td>
<td>30</td>
</tr>
<tr>
<td>DF-6702</td>
<td>463</td>
<td>20</td>
</tr>
</tbody>
</table>

Question #19:
Ground-based equipment operations will be limited to sustained slopes 35% or less. Self-leveling equipment may be used on sustained slopes 50% or less. In addition, tethered equipment may be utilized on this proposal, with the approval of the Contract Administrator.

*Approximately 2.5 acres of additional VRH area could be added to Unit 1A VRH. The additional area has been reclassified under DNR’s Marbled Murrelet Long-Term Conservation Strategy. While the Marbled Murrelet Long-Term Conservation Strategy is in effect the additional area will be available for VRH and will likely be added to the Extravehicular VRH VDT timber sale.
Question #27:
Activity Map – Leave Tree locations depicted are approximate. Leave trees may be exchanged or traded to locations other than mapped on the Activity Maps to facilitate operational feasibility, except those areas as shown as non-tradeable on the Activity Map.

Salvage Boundaries: N/A
Clumped Wildlife Reserve Trees/Green Recruitment Trees: Blue paint and yellow “Leave Tree Area” tags.
Right-of-Way Limits/Road Centerlines: Centerlines marked with orange flagging, ROW limits marked with orange ROW tags.
Stream Crossing Work: To be flagged by operator, then approved by State lands Contract Administrator.
Channel Migration Zone: N/A

Additional Q.16 Road Abandonment
Per the FPA Instructions:
A written plan that shows how the road will be left to:
*Control erosion
*Maintain water movement within wetlands and other natural drainages, and
*Prevent four-wheeled highway vehicles from entering the point of closure.

The following will be accomplished as applicable to meet the on-site conditions during the course of road abandonment work:

* Remove all ditch relief culverts. The resulting slopes will be 1:1 or flatter. Place and compact the removed fill material in a location that will not erode into any typed waters or wetlands.
* Remove all culverts in natural drainages. The resulting slopes will be 1 ½ :1 or flatter. Strive to match the existing native stream bank gradient. The natural streambed width will be re-established. Place and compact the removed fill material in a location that will not erode into any typed waters or wetlands.
* Transport all removed culverts off site.
* Construct non-drivable waterbars at natural drainage points and at a spacing that will produce a vertical drop of no more than 20 feet between waterbars and with a maximum horizontal spacing of 400 feet.
* Skew waterbars at least 30 degrees from perpendicular to the road centerline on roads in excess of 3 percent grade.
* Key waterbars into the cut-slope to intercept the ditch. Waterbars will be outsloped to provide positive drainage. Outlets will be on stable locations.
* Inslope or outslope the road as appropriate.
* Remove bridges and other structures as applicable.
* Pull back unstable fill that has potential of failing and entering any typed waters or wetlands. Place and compact removed material in a stable location.
* Remove berms except as designed.
* Block the road by constructing an aggressive barrier of dense interlocked large woody debris (logs, stumps, root wads, etc.) so that four wheel highway vehicles cannot pass the point of abandonment. Typical barrier dimensions are 10 feet high by 20 feet deep, spanning the entire road prism from top of cutslope to toe of fillslope. Long term effectiveness is the primary objective. If necessary construct a vehicular turn-around near the point of abandonment.
* Apply grass seed to all exposed soils resulting from the abandonment work.
* May provide a protective cover for seed if revegetation occurs between July 1 and March 31. The protective cover may consist of dispersed straw, jute matting, or clear plastic sheets.
<table>
<thead>
<tr>
<th>Stream Segment Identifier or Wetland Identifier</th>
<th>Water Type or Wetland “forested or open water”</th>
<th>Site Class FP Base Map / Other source</th>
<th>Stream Width (feet) or Wetland Size</th>
<th>Is there a CMZ? Yes or No</th>
<th>Thinning RMZ/WMZ? Yes or No</th>
<th>Total Width of RMZ/WMZ FP width / Actual width (feet)</th>
<th>Wind Buffer? Yes, No (for T-3, 2, 1) or N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer Creek</td>
<td>3</td>
<td></td>
<td>&gt;4 feet</td>
<td>No</td>
<td>Yes</td>
<td>140/133</td>
<td>No</td>
</tr>
<tr>
<td>B</td>
<td>4</td>
<td>II</td>
<td>&gt;2 feet</td>
<td>No</td>
<td>No</td>
<td>100</td>
<td>50/100</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
<td>II</td>
<td>&gt;2 feet</td>
<td>No</td>
<td>Yes</td>
<td>50/100</td>
<td>N/A</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
<td>II</td>
<td>&gt;2 feet</td>
<td>No</td>
<td>Yes</td>
<td>50/100</td>
<td>N/A</td>
</tr>
<tr>
<td>E</td>
<td>5</td>
<td>II</td>
<td>&lt;2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone</td>
<td>N/A</td>
</tr>
<tr>
<td>G</td>
<td>5</td>
<td>II</td>
<td>&lt;2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone</td>
<td>N/A</td>
</tr>
<tr>
<td>H</td>
<td>5</td>
<td>II</td>
<td>&lt;2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone</td>
<td>N/A</td>
</tr>
<tr>
<td>I</td>
<td>5</td>
<td>II</td>
<td>&lt;2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone</td>
<td>N/A</td>
</tr>
<tr>
<td>J</td>
<td>5</td>
<td>II</td>
<td>&lt;2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone</td>
<td>N/A</td>
</tr>
<tr>
<td>W1</td>
<td>Open</td>
<td>II</td>
<td>&gt;1 acre</td>
<td>N/A</td>
<td>Yes</td>
<td>0/133</td>
<td>N/A</td>
</tr>
</tbody>
</table>

2817358
Landowner representatives requested a pre-application review of the proposed one unit “Extravehicular” timber sale. An existing off road trail starting in section 9 from end of current road adjacent to a talus field to a new recreation overlook in section 8 will be used for this timber sale. The north boundary for this proposed harvest unit runs along Deer Creek. RMZ buffer was spot checked. An Inner Gorge was identified and bounded out of the proposed harvest unit by the applicant along the NW portion of the unit boundary.

Tailholds over a Type F water (Deer Creek) may be required. The majority of this sale will be cable yarded. In order to achieve proper deflection it is very likely that the purchaser will have to suspend cable over Deer Creek. There will not be any yarding of logs over the stream. All trees to be felled for the tailhold within the core zone will be left on site.

Decisions Made:

There were no specific resource concerns observed within the proposed harvest units during the site visit. RMZs were spot checked and appeared to be correctly flagged. Inner gorge was correctly bounded out. No other RILs were identified during the office or field review.

Any trees to be felled to make room for tailholds within the core zone are to be directed toward the creek.
Appendix D. Slope Stability Informational Form

Complete and attach this form to your FPA/N if you indicated you are working in or around potential unstable slopes or landforms. Instructions for this appendix is located in in the Forest Practices Application/Notification Instructions document. 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.

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  [x] GIS  [x] Field Review  [x] Other, describe:
   1:100,000-scale geologic maps. Forest Practices landslide inventory and landslide hazard zonation are not available for this area.

   b. Did any of the features identified during the preliminary screening (1.a.) not exist when you performed a field review?  
      - [ ] No, go to Question 2.a.  [x] Yes, describe:

      The State Lands geologist identified low-confidence deep seated landslide topography during the remote review in and around Unit 1b VDT. She did not observe evidence of deep-seated landsliding during her field review.

2. a. Are you conducting forest practices activities in or over potentially unstable slopes or landforms?
   - [x] Inner Gorge  
   - [ ] Groundwater recharge areas for glacial deep-seated landslides
   - [ ] Bedrock Hollow  
   - [ ] Convergent Headwall  
   - [ ] Outer edges of meander bends
   - [ ] Toe of deep-seated landslide with slopes ≥ 65%
   - [ ] Category E - see instructions and describe below (i.e.: Active deep-seated landslides and others)
   - [ ] Other, describe:

   The inner gorge is approximately 10 - 15 feet tall. It is mostly vegetated. Cable may be hung over the inner gorge to reach cable yarding tailholds. No trees are proposed to be cut in the inner gorge. No trees will be yarded over the inner gorge.

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

3. a. Are you conducting forest practices activities around potentially unstable slopes or landforms?
   - [x] Inner Gorge  
   - [ ] Groundwater recharge areas for glacial deep-seated landslides
   - [ ] Bedrock Hollow  
   - [ ] Convergent Headwall  
   - [ ] Outer edges of meander bends
   - [ ] Toe of deep-seated landslide with slopes ≥ 65%
   - [ ] Category E - see instructions and describe below (i.e.: Active deep-seated landslides and others)
   - [ ] Other, describe:

   b. What activities may occur around potentially unstable slopes or landforms? Check all that apply:
      - [x] Timber harvest  
      - [ ] Road construction  
      - [x] Suspending cables  
      - [x] Yarding  
      - [x] Tailholds
4. a. Were any features identified in Question 3.a. excluded from your forest practices activity?
   ☐ No, go 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.):
   The inner gorge is bound out two tree crown widths from the slope break with white timber sale boundary tags.

5. Are there areas of public use located in or around the area of your proposed forest practices activity?
   ☐ No, go to Question 6  ☐ Yes, check all that apply and show locations on the map in Question 7.
   ☐ Public Road(s)  ☐ Utilities  ☒ Designated Recreation Area(s)  ☐ Occupied Structure(s)
   ☒ Other, describe:
   DNR managed land is open to formal and informal, dispersed recreation. Deer Flats Main Line is used for motorized and non-motorized recreation. Other trail systems exist around the area.

6. Complete the table below with date(s) and person(s) that conducted field review(s):

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Title/Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/24/2019</td>
<td>Jennifer Parker</td>
<td>State Lands Geologist</td>
</tr>
<tr>
<td>09/24/2019</td>
<td>Daniel Hohl</td>
<td>State Pre-Sales Forester</td>
</tr>
<tr>
<td>09/24/2019</td>
<td>Sam Woodson</td>
<td>State Pre-Sales Forester</td>
</tr>
<tr>
<td>09/24/2019</td>
<td>Tyson Whitehead</td>
<td>State Pre-Sales Forester</td>
</tr>
</tbody>
</table>

7. Attach a map that shows the following:
   - Show all areas reviewed.
   - Show locations of unstable slopes and landforms that were identified as described in Question 2.a. and 3.a. above.
   - Show 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 instructions for example map.
Forest Practices Application/Notification Addendum
DNR Proprietary HCP, WAC Replacement Summary for Aquatic Resources, 2008
Five West-side Planning Units, Excluding the OESF

Please refer to the DNR Proprietary HCP Substitution Agreement for Aquatic Resources, 2008. Please check all HCP prescriptions and/or activities, which are relevant to this proposal and describe the management prescriptions and final stand composition at the end of this checklist.

NOTE: When assessing hydrologic maturity for each sub-basin inside the rain-on-snow zone, DNR staff will use the most updated data layer delineating Watershed Administrative Units as designated by Forest Practices.

Assessing Hydrologic Maturity in the Rain-On-Snow (ROS) Zone (Refer to item A in the Agreement Memo). If the activity lies within the ROS zone and subbasin will be managed for ROS, fill out the following table. If within ROS zone, but subbasin will not be managed for ROS, describe why in additional information section below.

<table>
<thead>
<tr>
<th>1. SUB-BASIN NAME</th>
<th>2. TOTAL ROS ACRES (DNR) WITHIN SUB-BASIN</th>
<th>3. HYDRO MATURE TARGET ACRES (2/3 of Column 2)</th>
<th>4. CURRENT DNR SUB-BASIN ACRES IN HYDRO MATURE FOREST IN ROS</th>
<th>5. ACRES OF HYDRO MATURE FOREST TO BE REMOVED</th>
<th>6. SURPLUS (+) OR DEFICIT (-) ACRES AFTER ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skykomish River Sub-basin 1</td>
<td>1028.2</td>
<td>685.5</td>
<td>800.6</td>
<td>64.7</td>
<td>+50.4</td>
</tr>
<tr>
<td>Lower NF Skykomish Sub-basin 2</td>
<td>443.4</td>
<td>295.6</td>
<td>385.2</td>
<td>5.5</td>
<td>+84.1</td>
</tr>
</tbody>
</table>

Wetlands Protection, road construction within wetlands or wetland buffers, requires mitigation. (Refer to item B in the Agreement Memo). If this activity will include road construction within a wetland or WMZ, describe the type of wetland, potential loss of wetland function and how and where the loss of function will be mitigated.

Harvesting within Forested Wetlands. (Refer to items C & E in the Agreement Memo). Describe the remaining stand characteristics within the wetland and map any forested wetlands greater than 3 acres.

Wetland Management Zones. (Refer to item D in the Agreement Memo). Describe the site index and WMZ width. If harvesting within the WMZ, describe the remaining stand characteristics within the WMZ.

Riparian Management Zones for Type 1, 2 and 3 Waters (Refer to item F and Appendix 1 in the Agreement Memo). Describe the site index, RMZ width and if a wind buffer was applied. Describe if the RMZ begins from the outer edge of a CMZ or 100-year floodplain and how they were typed.

Riparian Management Zones for Type 4 and 5 Waters (Refer to item G and Appendix 1 in the Agreement Memo). Describe any special protection for Type 5 waters.
Harvesting or Salvaging within Type 1, 2, 3 and 4 Riparian Management Zones. (Refer to item F-J and Appendix 3 in the Agreement Memo). If harvesting, describe the general HCP Riparian Forest Restoration Strategy management scenario under which the proposal’s riparian stand will be managed. Describe stand treatment including removals, down wood and snag recruitment and type of activities. Describe post-harvest stand; how it meets the management parameters of the general management scenario, what species composition and diameter classes will remain, trees per acre, basal area, relative density. If salvaging, describe how you will be meeting the RDFC conditions, what you will retain and removals and other salvage/restoration conditions described within the Ecosystem Services Section approved site specific restoration plan (and/or attach plan).

Please provide any requested additional information below. If varying from standard HCP guidance, attach concurrence/variance approval from Land Management Division and/or Federal Services and discuss below (e.g. research).

Wetland Management Zones:
Wetland buffers were calculated using the 100 year site index buffer for Western Hemlock on the specific site they are located. Portions of the buffers are bound out of this proposal other portions will be thinned.

Riparian Management Zones Type 1, 2 and 3 Waters:
All stream buffers were calculated using the 100-year site index buffer for Western Hemlock on the specific site they are located. Portions of the buffers are bound out of this proposal, other portions will be thinned. Wind buffers were not applied to the RMZ’s due to the location and large area of forest that is left untreated or thinned around the buffer.

Riparian Management Zones Type 4 and 5 Waters:
All trees are to be felled and yarded perpendicular to and away from type 5 streams where feasible.

Harvesting or Salvaging within Type 1, 2, 3, and 4 Riparian Management Zones: Portions of Unit will be thinned using a variable density thinning technique. All prescriptions were designed to accelerate stands to the RDFC targets and meet RDFC requirements.

See attached table.
Forest Practices Application/Notification Addendum  
DNR Proprietary HCP, WAC Replacement Summary for Aquatic Resources, 2008  
Five West-side Planning Units, Excluding the OESF

<table>
<thead>
<tr>
<th>Stream Segment Identifier or Wetland Identifier</th>
<th>Water Type or Wetland “forested or open water”</th>
<th>Site Class FP Base Map / Other source</th>
<th>Stream Width (feet) or Wetland Size</th>
<th>Is there a CMZ? Yes or No</th>
<th>Thinning RMZ/WMZ? Yes or No</th>
<th>Total Width of RMZ/WMZ FP width / Actual width (feet)</th>
<th>Wind Buffer? Yes, No (for T-3, 2, 1) or N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deer Creek</td>
<td>3</td>
<td>II</td>
<td>&gt;4 feet</td>
<td>No</td>
<td>Yes</td>
<td>90 and/or 10/133</td>
<td>No</td>
</tr>
<tr>
<td>B</td>
<td>4</td>
<td>II</td>
<td>&gt;2 feet</td>
<td>No</td>
<td>No</td>
<td>50/100</td>
<td>N/A</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
<td>II</td>
<td>&gt;2 feet</td>
<td>No</td>
<td>Yes</td>
<td>50/100</td>
<td>N/A</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
<td>II</td>
<td>&gt;2 feet</td>
<td>No</td>
<td>Yes</td>
<td>50/100</td>
<td>N/A</td>
</tr>
<tr>
<td>E</td>
<td>5</td>
<td>II</td>
<td>&lt; 2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone.</td>
<td>N/A</td>
</tr>
<tr>
<td>G</td>
<td>5</td>
<td>II</td>
<td>&lt; 2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone.</td>
<td>N/A</td>
</tr>
<tr>
<td>H</td>
<td>5</td>
<td>II</td>
<td>&lt; 2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone.</td>
<td>N/A</td>
</tr>
<tr>
<td>I</td>
<td>5</td>
<td>II</td>
<td>&lt; 2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone.</td>
<td>N/A</td>
</tr>
<tr>
<td>J</td>
<td>5</td>
<td>II</td>
<td>&lt; 2 feet</td>
<td>No</td>
<td>N/A</td>
<td>0/30-foot equipment limitation zone.</td>
<td>N/A</td>
</tr>
<tr>
<td>W1</td>
<td>Open</td>
<td>II</td>
<td>&gt;1 acre</td>
<td>N/A</td>
<td>Yes</td>
<td>0/133</td>
<td>N/A</td>
</tr>
</tbody>
</table>
DNR Trust Forestland HCP Water Typing Key
ADDITIONAL INSTRUCTIONS FOR COMPLETING THE FOREST PRACTICE APPLICATION

STREAM(S) ID  Deer Creek  DATE  11/12/2019

Within your road construction and harvest area, you need to physically review these streams on the ground to determine if they meet the criteria of Type 3 water. Refer to DNR Trust Forestland HCP Water Typing System to determine Type 1 and 2 waters.

1. Were any fish observed in the stream segment, or are fish known to use this stream segment?  
   _____ Yes. Type 3 stream.  
   X _____ No. Go to question # 2.

2. Has the stream been surveyed?  
   _____ Yes. Attach the survey data to the Application/Notification.  
   _____ Fish found. Type 3 stream.  
   _____ No fish. Is the average width of the stream segment two feet (2') or wider between the ordinary high water marks?  
   _____ Yes. Type 4 stream.  
   _____ No. Type 5 stream.

X _____ No. Go to question # 3.

3. Is the average width of the stream segment two feet (2') or wider between the ordinary high water marks?  
   X _____ Yes. Go to question # 4.  
   _____ No. Type 5 Stream.

4. Is the gradient of the stream segment 16% or less?  
   (Example: 16' fall in elevation over 100 feet of stream = 16/100=.16 or 16%).  
   X ____ Yes. Type 3 stream.  
   _____ No. Go to question # 5.

5. Is the average gradient of the stream segment greater than 16% and less than or equal to 20%?  
   _____ Yes. Go to question # 6.  
   _____ No.. Type 4 stream.

6. Is the contributing basin (watershed) size to the stream segment greater than 50 acres?  
   Yes. Type 3 stream.  
   _____ No. . Type 4 stream.

Definitions:

Stream Width: To determine the Ordinary High Water Mark (OHWM) of the stream(s), observe the break between the water influence zone and upland vegetation on the stream bank; this is usually the spring high water mark. Then measure stream width between the OHWMs on either side of the stream at 50 feet intervals along the stream bank for a minimum distance of 500 feet. This determines the average width of the stream. For further information see page M-11 of the board manual.

Stream Gradient: The gradient of a stream is defined as the inclination or rate of fall of a stream bed, expressed as a percentage. The average gradient of a stream is determined by calculating the inclination of individual sub-reaches over a minimum distance of 500 feet along a stream or to a point where distinct gradient changes occur. For further information see page M-14 of the board manual (only use the method for field measurements; do not use the mapping method).

Note: Streams with widths of twenty feet (20') or greater or lakes, ponds, or impoundments having a surface area of 1 acre or greater at seasonal low water, may be type 2 waters.
DNR Trust Forestland HCP Water Typing Key
ADDENDUM TO INSTRUCTIONS FOR COMPLETING THE FOREST PRACTICE APPLICATION

STREAM(S) ID __________ B.C.D ___________ DATE 11/12/2019

Within your road construction and harvest area, you need to physically review these streams on the ground to determine if they meet the criteria of Type 3 water. Refer to DNR Trust Forestland HCP Water Typing System to determine Type 1 and 2 waters.

1. Were any fish observed in the stream segment, or are fish known to use this stream segment?
   _____ Yes. Type 3 stream.
   X _____ No. Go to question # 2.

2. Has the stream been surveyed?
   _____ Yes. Attach the survey data to the Application/Notification.
       _____ Fish found. Type 3 stream.
       _____ No fish. Is the average width of the stream segment two feet (2') or wider between the ordinary high water marks?
       _____ Yes. Type 4 stream.
       _____ No. Type 5 stream.
   X _____ No. Go to question # 3.

3. Is the average width of the stream segment two feet (2') or wider between the ordinary high water marks?
   X _____ Yes. Go to question # 4.
   _____ No. Type 5 Stream.

4. Is the gradient of the stream segment 16% or less?
   (Example: 16' fall in elevation over 100 feet of stream = 16/100 = .16 or 16%).
   _____ Yes. Type 3 stream.
   X _____ No. Go to question # 5.

5. Is the average gradient of the stream segment greater than 16% and less than or equal to 20%?
   _____ Yes. Go to question # 6.
   X _____ No. Type 4 stream.

6. Is the contributing basin (watershed) size to the stream segment greater than 50 acres?
   _____ Yes. Type 3 stream.
   _____ No. Type 4 stream.

Definitions:

Stream Width: To determine the Ordinary High Water Mark (OHWM) of the stream(s), observe the break between the water influence zone and upland vegetation on the stream bank; this is usually the spring high water mark. Then measure stream width between the OHWMs on either side of the stream at 50 feet intervals along the stream bank for a minimum distance of 500 feet. This determines the average width of the stream. For further information see page M-11 of the board manual.

Stream Gradient: The gradient of a stream is defined as the inclination or rate of fall of a stream bed, expressed as a percentage. The average gradient of a stream is determined by calculating the inclination of individual sub-reaches over a minimum distance of 500 feet along a stream or to a point where distinct gradient changes occur. For further information see page M-14 of the board manual (only use the method for field measurements; do not use the mapping method).

Note: Streams with widths of twenty feet (20') or greater or lakes, ponds, or impoundments having a surface area of 1 acre or greater at seasonal low water, may be Type 2 waters.

1-14-08

2 8 1 7 3 5 8
DNR Trust Forestland HCP Water Typing Key
ADDENDUM TO INSTRUCTIONS FOR COMPLETING THE FOREST PRACTICE APPLICATION

STREAM(S) ID: E, G, H, I, J

DATE: 11/12/2019

Within your road construction and harvest area, you need to physically review these streams on the ground to determine if they meet the criteria of Type 3 water. Refer to DNR Trust Forestland HCP Water Typing System to determine Type 1 and 2 waters.

1. Were any fish observed in the stream segment, or are fish known to use this stream segment?
   ______ Yes. Type 3 stream.
   X____ No. Go to question # 2.

2. Has the stream been surveyed?
   ______ Yes. Attach the survey data to the Application/Notification.
     ______ Fish found. Type 3 stream.
     ______ No fish. Is the average width of the stream segment two feet (2') or wider between the ordinary high water marks?
       ______ Yes. Type 4 stream.
       ______ No. Type 5 stream.
       X____ No. Go to question # 3.

3. Is the average width of the stream segment two feet (2') or wider between the ordinary high water marks?
   ______ Yes. Go to question # 4.
   X____ No. Type 5 Stream.

4. Is the gradient of the stream segment 16% or less?
   (Example: 16' fall in elevation over 100 feet of stream = 16/100 = .16 or 16%).
   ______ Yes. Type 3 stream.
   ______ No. Go to question # 5.

5. Is the average gradient of the stream segment greater than 16% and less than or equal to 20%?
   ______ Yes. Go to question # 6.
   ______ No. Type 4 stream.

6. Is the contributing basin (watershed) size to the stream segment greater than 50 acres?
   ______ Yes. Type 3 stream.
   ______ No. Type 4 stream.

Definitions:

Stream Width: To determine the Ordinary High Water Mark (OHWM) of the stream(s), observe the break between the water influence zone and upland vegetation on the stream bank; this is usually the spring high water mark. Then measure stream width between the OHWMs on either side of the stream at 50 feet intervals along the stream bank for a minimum distance of 500 feet. This determines the average width of the stream. For further information see page M-11 of the board manual.

Stream Gradient: The gradient of a stream is defined as the inclination or rate of fall of a stream bed, expressed as a percentage. The average gradient of a stream is determined by calculating the inclination of individual sub-reaches over a minimum distance of 500 feet along a stream or to a point where distinct gradient changes occur. For further information see page M-14 of the board manual (only use the method for field measurements; do not use the mapping method).

Note: Streams with widths of twenty feet (20') or greater or lakes, ponds, or impoundments having a surface area of 1 acre or greater at seasonal low water, may be type 2 waters.

1-14-08
1. Is the Forest Practice activity within a NRF Management Area?
   ☑ Yes, Go to #2.
   ☐ No, Go to #6.

2. Is the Forest Practice activity within a designated 500-acre Nest Patch?
   ☐ Yes, Harvesting within a nest patch is inconsistent with HCP without consultation, refer to Substitution Agreement, Section I.A. Stop Proposed Activity or document in Question #17 the specifics of proposal and Forest Resources Division concurrence if intending to proceed. Maintenance of existing roads is permitted, describe road maintenance activity in Question #17. If able to proceed, go to #3.
   ☑ No, Go to #3.

3. Is the Forest Practice activity within 0.7 miles of a spotted owl nest site (status 1 or 2)?
   ☐ Yes, Apply timing restrictions; refer to Substitution Agreement, Section I. Go to #4.
   ☑ No, Go to #4.

4. Is the SOMU where the Forest Practice activity is located above the target amount of 50% NRF habitat?
   ☐ Yes, Proceed with the activity, ensuring that habitat within the SOMU will not fall below the target amount of 50% and no more than 5% of sub-mature or better habitat within the SOMU is harvested within two years. Please describe in Question #17; if the activity will be harvesting habitat or non-habitat, whether it is an enhancement activity or even-age harvest and how many acres or percentage of NRF habitat will remain within the SOMU after harvest. Go to #16.
   ☑ No, Go to #5.

5. Is the Forest Practice activity within suitable sub-mature habitat or better or “next best”? 
   ☐ Yes, Ensure NRF habitat remains after completion of the harvest activity or that the activity will not increase the length of time for the target amount to reach a suitable habitat condition. Please describe in Question #17, type of activity, how habitat will be maintained or next best stands enhanced and what the final stand condition will be. Go to #16.
   ☑ No, Ensure that target amount of habitat within the SOMU will not take longer to achieve after activity. Please describe in Question #17 how management activity will maintain and/or achieve the NRF target amount. Go to #16.

6. Is the Forest Practice activity within a Dispersal or DFC Management Area?
   ☐ Yes, Go to #7.
   ☐ No, Go to #10.

7. Is the Forest Practice activity within 0.7 miles of a spotted owl nest site (status 1 or 2)?
   ☐ Yes, Apply timing restrictions; refer to Substitution Agreement, Section I. Go to #8.
   ☐ No, Go to #8.

8. Is the SOMU where the Forest Practice activity is located, above the target amount of 50% dispersal habitat?
   ☐ Yes, Proceed with the activity, ensuring that habitat within the SOMU will not fall
below the target amount of 50%. Please describe in Question #17; if the activity will be harvesting habitat or non-habitat, whether it is an enhancement activity or even-age harvest and how many acres or percentage of dispersal habitat will remain within the SOMU after harvest. Go to #16.

☐ No, Go to #9.

9. Is the Forest Practice activity within suitable dispersal habitat or better or “next best”?
   ☐ Yes, Ensure dispersal habitat remains after completion of the harvest activity or that the activity will not increase the length of time for the target amount to reach a suitable habitat condition. Please describe in Question #17, type of activity, how habitat will be maintained or next best stands enhanced and what the final stand condition will be. Go to #16.
   ☐ No, Ensure that target amount of habitat within the SOMU will not take longer to achieve after activity. Please describe in Question #17 how management activity will maintain and/or achieve the dispersal target amount. Go to #16.

10. Is the Forest Practice activity located within the OESF?
   ☐ Yes, Go to #11.
   ☐ No, Go to #16.

11. Is the Forest Practice Activity within Young Forest Habitat, Old Forest Habitat, or a Pathways Management Candidate Stand?
   ☐ Yes, Go to #12.
   ☐ No, Proceed with the activity, Please describe in Question #17; whether it is an enhancement activity or even-age harvest and how many acres. Describe percentage of suitable habitat will remain within the SOMU after harvest. Go to #16.

12. Is the Forest Practice activity in a SOMU in the maintenance and enhancement phase?
   ☐ Yes, Activity can proceed if it ensures commitments to OESF Forest Land Plan as described within the Substitution Agreement, Section II and that habitat within the SOMU will not fall below the target amount. For Old Forest Habitat both the 20% Old Forest and 40% Young Forest and Better thresholds must be maintained. Active and Passive Pathways Management Candidate Stands are available if thresholds are maintained. Please describe in Question #17 how management activity will maintain habitat thresholds and how any candidate stands will be managed in accordance with the pathway prescription. Go to #16.
   ☐ No, Go to #13.

13. Is the Forest Practice activity in Old Forest Habitat in a SOMU that is in the Restoration Phase?
   ☐ Yes, No harvesting of Old Forest Habitat is allowed during the Restoration Phase.
   ☐ No, Go to #14.

14. Is the Forest Practice activity a regeneration harvest of Young Forest Habitat in a SOMU that is in the Restoration Phase?
   ☐ Yes, No regeneration harvest of Young Forest Habitat in a SOMU during the Restoration Phase without consultation with the HCP and Scientific Consultation Section. Describe in #17 how many acres or percentage of suitable habitat will remain within the SOMU after harvest. Document the reasons for harvest of young forest habitat and provide documentation of approval. Go to #16.
   ☐ No, Go to #15.
15. Is the Forest Practice activity in an Active or Passive Pathways Management Candidate Stand in a SOMU that is in the Restoration Phase?

☐ Yes, No harvesting of Passive Pathways Management Candidate Stand is allowed during the Restoration Phase. Active Pathways Management Candidate Stands can only have thinning activities. Please describe in Question #17 how management activity will maintain habitat thresholds or how thinning activities will enhance habitat. Describe in #17 how many acres or percentage of suitable habitat will remain within the SOMU after harvest.

☐ No, Proceed with the activity, if commitments to the OESF Forest Land Plan as described within the Substitution Agreement and the SOMU are maintained and habitat does not fall below the minimum threshold. Please describe in Question #17 how management activity will maintain habitat thresholds or how thinning activities will enhance habitat. Describe in #17 how many acres or percentage of suitable habitat will remain within the SOMU after harvest. Go to #16.

16. Is the Forest Practice activity located within a Status 1 or 2 spotted owl management circle based on the WDFW database?

☐ Yes, Apply harvest timing restrictions to activities within the best 70-acre core around the site center; refer to Substitution Agreement, Section III. Include location of best 70-acre core on Forest Practices Map. Go to #17.

☐ No, Go to #17.

17. Provide any additional information or details requested from previous questions on the following lines. If no additional information is required, simply state “not applicable” below. Otherwise, include the SOMU name(s) when necessary if activity is within NRF or dispersal management areas or OESF and how habitat will be maintained or enhanced, etc. If varying from standard HCP guidance, attach concurrence/variance approval from Land Management Division and/or Federal Services and discuss below.

End checklist.

Approximately all 84.2 acres of the proposal is located in the North Fork Skykomish SOMU NRF Management Area under a “non-habitat” classification. VRH harvest is proposed on approximately 70.2 acres of the non-habitat classified land. Variable density thinning (thinning from below) are proposed on approximately 14.0 acres of the non-habitat classified land inside RMZ, WMZ, and talus field buffers. Additional forest activities included road building. Forest management activities do not deviate from standard HCP guidance. There is a minor amount of harvest proposed in a NSO nest patch buffer. Forest Resources Division was consulted by the region biologist.
Forest Practices Application/Notification Addendum
State Trust Lands Habitat Conservation Plan (HCP) Addendum Implementation Checklist
for the Marbled Murrelet, 2019
OESF, Columbia, South Coast, South Puget, North Puget, and Straits HCP Planning Units


1. Is the proposed Forest Practices activity within an occupied site?
   □ Yes, the proposal is inconsistent with the MM LTCS. Stop the proposed activity or document in Question #6 specifics of how the proposal follows MM LTCS guidance, as outlined in the Memorandum dated 12/04/2019, and provide approval from the Forest Resources Division.
   ☒ Not within an occupied site. Go to Question #2.

2. Is the proposed activity within an occupied site buffer?
   □ Yes, must follow MM LTCS guidance, as outlined in the Memorandum dated 12/04/2019, for the type for forest practices activity and document compliance with MM LTCS guidance in Question #6. If inconsistent with the MM LTCS, stop the proposed activity.
   ☒ Not within outer occupied site buffer. Go to Question #3.

3. Is the proposed activity within a special habitat area (SHA)?
   □ Yes, must follow MM LTCS guidance, as outlined in the Memorandum dated 12/04/2019, for the type for forest practices activity and document compliance with MM LTCS guidance in Question #6. If inconsistent with the MM LTCS, stop the proposed activity.
   ☒ Not within an SHA. Go to Question #4.

4. Is the proposed activity in marbled murrelet habitat within long-term forest cover?
   □ Yes, must follow MM LTCS guidance, as outlined in the Memorandum dated 12/04/2019, for the type of forest practices activity and document compliance with MM LTCS guidance in Question #6. If inconsistent with the MM LTCS, stop the proposed activity.
   ☒ Not within marbled murrelet habitat within long-term forest cover. Go to Question #5.

5. Is the proposed activity in marbled murrelet habitat that is identified for metering in the first decade of the implementation of the MM LTCS?
   □ Yes, must follow MM LTCS metering guidance, as outlined in the Memorandum dated 12/04/2019, for the type for forest practices activity. Document compliance with MM LTCS metering guidance in Question #6. If inconsistent with MM LTCS metering guidance, stop the proposed activity.
   ☒ Not within marbled murrelet habitat within long-term forest cover.

6. If directed to provide further documentation from any of the above questions, provide that information here.
   Additional information relevant to the proposal may also be added in this section. Also attach any documentation of consultations with the Forest Resources Division.

Updated Dec. 4, 2019
October 23, 2019

TO: Allen Estep, Assistant Division Manager, Forest Resources Division
THROUGH: Laurie Bergvall, State Lands Assistant, NW Region
FROM: Lisa Egtvedt, Wildlife Biologist, NW Region
RE: Proposed Implementation of the Draft Cave Procedure for the Extravehicular Timber Sale

SUMMARY:
There is one small cave in Unit 1 of the proposed Extravehicular Timber Sale, in Section 9 of Township 27 North, Range 10 East (see Figure 1, below). This feature is located near the edge of a non-forested talus field that will receive a 100-foot timber buffer. Physical characteristics of this feature categorize it as a “low value” cave under the Draft Cave Procedure. This memo is submitted to the Forest Resources Division for approval to implement the Draft Cave Procedure.

INTRODUCTION:
During a field assessment of the proposed Extravehicular Timber Sale, Lisa Egtvedt (Region Biologist) found an enclosed space within forested talus that is immediately adjacent to non-forested talus. Closer inspection determined that this feature meets the HCP definition of a cave.

ON-SITE OBSERVATIONS / SPECIFIC DETAILS and ALTERNATIVES CONSIDERED:
It was readily apparent that this space does not have the volume that would categorize it as being more than a “low value” cave (which is based on a volume of 20-200 cubic feet, per the Draft Cave Procedure). This feature has a single chamber with a volume of approximately 20-24 cubic feet. Additionally, it has a low ceiling (it is essentially at ground level) and there was no discernible air flow, making it unlikely to be used by bats. No obvious signs of biological use were observed during the field visit, which was conducted on August 1, 2019. It should be noted, however, that numerous pika vocalizations were heard from nearby non-forested talus fields.

Under the Draft Cave Procedure, a 30-foot buffer would be required for the entrance of a low-value cave. A portion of the “buffer” on this cave will include non-forested talus, and the remainder will be nested within a 100-foot forested talus buffer that has been bounded out of the timber sale unit. Therefore, no physical marking of a buffer will be needed for the cave.

Current guidance in the Draft Cave Procedure further recommends avoiding road construction within 150 feet of the entrance to a low-value cave. There is no proposed road construction within this distance for this cave.
CONCLUSION:
It is my recommendation that we implement the Draft Cave Procedure (2010) for the proposed Extravehicular Timber Sale, Unit 1. If you concur with this recommendation, please sign below.

Allen Estep
Assistant Division Manager
Forest Resources Division

Date

Figure 1. Map of location of a cave feature located in Unit 1 of the proposed Extravehicular Timber Sale.
November 6, 2019

TO: Allen Estep, Assistant Division Manager, Forest Resources Division
THROUGH: Tim Stapleton, Acting Region Manager, NW Region
FROM: Lisa Egtved, Wildlife Biologist, NW Region
RE: Extravehicular Timber Sale: Proposed Reopening of Existing Road Grade within Northern Spotted Owl Nest Patch Buffer

OVERVIEW:

The proposed Extravehicular timber sale (Sections 8 & 9 of T27N R10E) is planned to be a variable retention harvest of “non-habitat” that is located within an area designated for management of “Nesting, Roosting, and Foraging” (NRF) habitat for northern spotted owls (NSO). An existing, orphaned road grade is proposed to be reopened (reconstructed) in order to access the eastern portion of the unit for harvesting and yarding. A portion of this grade traverses through the westernmost edge of a designated NSO nest patch buffer that is located immediately to the east of the unit.

An alternative means of access that would avoid traversing through the nest patch buffer was evaluated. The most plausible alternative would be longer, would increase impervious surfaces in the area by requiring more grading and filling, and would potentially require drilling and shooting through bedrock. In other words, a new location for the road would involve higher environmental and economic costs than would the reconstruction of an existing road grade. In addition, reconstruction of this grade will allow for the correction of some minor water piracy, as well as the reconstruction of a ditch and replacement of an old culvert. Finally, reconstruction of an existing grade will keep forested acreage available for forest regeneration.

All efforts will be made to reopen the existing road segment on the edge of the nest patch buffer in a way that will not adversely affect the functions and values of this buffer.

INTRODUCTION:

The proposed Extravehicular timber sale (FY20), is located approximately one mile northeast of the town of Index, four miles east of Gold Bar, and two miles northeast of the confluence of the North Fork and South Fork Skykomish Rivers (Figure 1). The entire sale is within a NRF management area.

Immediately adjacent, to the east of the timber sale unit, is an area designated as an NSO nest patch buffer. It should be noted that almost all of the buffer is currently mapped as non-habitat, with only the easternmost part of it mapped as “next best” stands. The “next best” stands continue into the nest patch core, which then transition to sub-mature and high quality habitat further to the east.

An existing orphaned road grade (DF-65) that would provide access to the eastern portion of the proposed harvest includes a segment that, as currently planned, will traverse through the westernmost edge of this nest patch buffer (Figure 2). Reconstruction of this road would minimize yarding distances for ground based yarding over rolling terrain. This road is also anticipated to provide access for a future timber sale located to the north of the Extravehicular proposal.
Figure 1. Vicinity map showing the location of the Extravehicular timber sale. Scale is in feet.

Figure 2. Orphaned road grade segments (highlighted in red circle) within nest patch buffer to be reconstructed. Scale is in feet.
ON-SITE OBSERVATIONS/SPECIFIC DETAILS and ALTERNATIVES CONSIDERED:

The portion of the nest patch buffer that contains this existing road grade is mapped as “non-habitat”, and is comprised of an approximately 51 to 52-year old conifer stand. See Appendix A for photos. The total linear extent of the road segment within the buffer that is proposed for reconstruction is approximately 951 feet (which extends to the location of the label pointer in Figure 2, roughly).

A recent examination of this road segment revealed that it is in relatively good condition. Ingrowth and crown expansion since the last rotation have resulted in an effective right-of-way that is approximately 40 feet wide. Grubbing and/or minor grading will be necessary to bring the road surface into serviceable condition, and removal of some trees (including some mature trees) growing on the road shoulders will likely be required to provide enough space for reconstruction to desired DNR specifications.

The potential disturbance associated with reopening approximately 951 feet of existing grade on the very edge of the nest patch buffer seems relatively minor when compared to the noise and environmental disturbance that would be generated by blasting for new road construction. Additionally, the minimal tree removal that will likely be required for reconstruction should be considered minor compared to the more permanent landscape level impacts associated with construction of a new permanent road grade, even if done to avoid activities within (albeit, on the edge of) the buffer. Finally, the engineer’s road construction cost estimates suggest that the alternative route would likely double the total road construction costs, thus decreasing projected revenue to the trusts.

SUMMARY:

The extent of this proposal that lies within the nest patch buffer is located on the very edge of the buffer, and generally limited to the footprint of an already disturbed area (i.e. an existing road grade and open right-of-way). Vegetation impacts are expected to be minimal. Finally, reopening this road will provide access for a future timber sale planned to the north of the Extravehicular proposal. For these reasons, I recommend that it is not necessary to adjust the nest patch buffer to mitigate impacts of the project as proposed.

CONCLUSION:

If you concur with the proposal and recommendation as described, please sign below.

Allen Estep
Assistant Division Manager, HCP & Scientific Consulting Section
Forest Resources Division

11-8-2019
Date
Appendix A. Photos of orphaned road grade segments within nest patch buffer

Start of reconstruction, coming off of the DF-ML road.
Looking east into the nest patch buffer while standing on the orphaned road grade.
Looking east into the nest patch buffer while standing on the orphaned road grade, near the planned end-of-road.
TO: Allen Estep, Assistant Division Manager, Forest Resources Division
FROM: Lisa Egtvedt, Wildlife Biologist, NW Region
RE: ADDENDUM to Extravehicular Timber Sale: Proposed Reopening of Existing Road Grade within Northern Spotted Owl Nest Patch Buffer

The purpose of this addendum is to clarify the details regarding activities that are proposed for the westernmost edge of a designated NSO nest patch buffer, which is located immediately to the east of the proposed Extravehicular Timber Sale. Please refer to the original memo, dated November 6, 2019, for additional information regarding this proposal.

As addressed in the original memo, approximately 951 feet of an orphaned road grade is proposed for reconstruction. An additional 671 feet of the same road grade is proposed to be used as a yarding/skid trail for the harvest activities that are planned for the timber sale located to the west of this road grade. The total area of impact within the nest patch buffer will be approximately 1.3 acres.
Hi Dan, Thanks for falling trees within the core zone toward the creek, if feasible. As you not, non-market trees should stay on site even if not within the channel. Thanks, Jamie

Habitat Biologist
Region 4/Mill Creek office
Snohomish River and south Island County
425-379-2309
425-231-1832 (cell)

From: Derek Marks <dmarks@tulaliptribes-nsn.gov>
Sent: Wednesday, October 23, 2019 1:05 PM
To: Hohl, Daniel (DNR) <Daniel.Hohl@dnr.wa.gov>; Huang, Steven (DNR) <STEVEN.HUANG@dnr.wa.gov>; Bails, Jamie L (DFW) <Jamie.Bails@dfw.wa.gov>
Subject: RE: Tailhold Over Type F Stream - Extravehicular

Daniel,

I am ok with the proposal. Would definitely prefer that any trees to be felled to make room for tailholds be directed to the creek.

Thanks.

Derek Marks
Tulalip Tribes-Timber Fish & Wildlife Manager
(360) 716-4614
https://nr.tulaliptribes.com/

From: Hohl, Daniel (DNR) <Daniel.Hohl@dnr.wa.gov>
Sent: Wednesday, October 23, 2019 12:56 PM
To: Huang, Steven (DNR) <STEVEN.HUANG@dnr.wa.gov>; Bails, Jamie L (DFW) <Jamie.Bails@dfw.wa.gov>; Derek Marks <dmarks@tulaliptribes-nsn.gov>
Subject: Tailhold Over Type F Stream - Extravehicular

All,

I am reaching out to you to seek concurrence on tailholding over a Type F water (Deer Creek) in the proposed Extravehicular VFH VDT Timber Sale. The majority of this sale will be cable yarded. In order to achieve proper deflection it is very likely that the purchaser will have to suspend cable over Deer Creek. There will not be any yarding of logs over the stream. If the purchaser has to fell trees in
order to suspend cable within the 25ft core zone of the stream (outside of the unit boundaries), the trees will be left where they are felled and will not be added to sale volume.

Steve, in the past when this has been proposed I believe we inquired if WDFW wanted a timing restriction or not. Also, if trees in the 25 ft. zone have be felled, what we have done in the past is to require those trees be felled toward the stream adding large woody debris into the stream channel.

I am including a map of the timber sale with Deer Creek labeled. I don’t think that this requires a field visit. If anyone would like some photos I can hike down to the stream and send some out in the next week or so.

Thank you!

-Dan

Daniel Hohl
Pre-Sales Forester
Northwest Region – Cascade District
Washington Dept. of Natural Resources
Cell: (585) 645-5534
daniel.hohl@dnr.wa.gov
### HCP CHECKLIST

(Used to identify which HCP strategies are actually applied to this proposed management activity, i.e. those that affect the activity.)

Name of Proposed Activity: **EXTRAVEHICULAR**  
Agreement #: 30-098269  
FPA#: ____  
Planning Unit: **North Puge**

Location (provide for activities other than timber sales)  
T_____ N R_____ (E/W; W.M.) Sec____

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<th>Criteria for strategy application</th>
<th>Applicable planning units</th>
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<td>Potentially unstable slopes</td>
<td>Area of proposed activity includes potentially unstable landforms or proposal is modified to</td>
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<td>avoid potentially unstable landforms</td>
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<tr>
<td>WMZ – Unmanaged</td>
<td>Proposed activity is adjacent to an unmanaged WMZ</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td><strong>Northern spotted owl conservation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern spotted owl</td>
<td>Proposed activity is in a NRF or dispersal/DFC management area or a timing restriction area;</td>
<td>W O E</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or adjacent to a 300-acre nest patch core area or a 200-acre buffer area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Marbled murrelet conservation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marbled murrelet</td>
<td>Different thresholds and strategies apply depending on Planning Unit</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td><strong>Uncommon Habitats, Federally listed species and unlisted species conservation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large, structurally unique trees</td>
<td>Proposed final harvest activity retains 2 upland large structurally unique trees, 3 additional</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>upland green trees, and 3 snags, if available (if snags are unavailable, replace with upland</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>green trees), for each acre of final harvest</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balds</td>
<td>Proposed activity is on or adjacent to a bald</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Caves</td>
<td>Proposed activity is adjacent to a cave buffer</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Cliffs</td>
<td>Proposed activity is on or adjacent to cliffs greater than 25 feet tall at an elevation of less</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>than 5000 feet or cliffs greater than 150 feet tall</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mineral springs</td>
<td>Proposed activity is within 200 feet of a mineral spring</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Oak woodlands</td>
<td>Proposed activity is in or adjacent to oak woodlands</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Talus</td>
<td>Proposed activity area is within or adjacent to non-forested or forested talus fields or a buffer</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or requires road construction or rock mining through forested or non-forested talus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bats</td>
<td>Area of proposed activity includes myotis bats communal roosts or maternity colonies</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>California wolverine</td>
<td>Proposed activity is within 0.5 miles of an active California wolverine den site located in a</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>spotted owl NRF management area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common loon</td>
<td>Proposed activity is within 500 feet of a common loon nest</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Gray wolf</td>
<td>Proposed activity is within 8 miles of a class 1 gray wolf observation that occurred in the past</td>
<td>W O E</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Harlequin duck</td>
<td>Proposed activity is within 165 feet of a harlequin duck nest</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Northern goshawk</td>
<td>Proposed activity is within 0.55 miles of a northern goshawk nest site located in a NRF</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>management area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oregon silverspot butterfly</td>
<td>Proposed activity is within 0.25 miles of an Oregon silverspot butterfly occurrence</td>
<td>W O</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Pacific fisher</td>
<td>Proposed activity is within 0.5 miles of an active Pacific fisher den site located in a northern</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>spotted owl NRF management area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pileated woodpecker</td>
<td>Area of proposed activity includes known pileated woodpecker nesting sites</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>Vaux’s swift</td>
<td>Area of proposed activity includes Vaux’s swift night roosts</td>
<td>W</td>
<td>☑</td>
<td></td>
</tr>
</tbody>
</table>

W = Westside HCP Planning Units  
O = OESF  
E = Eastside HCP Planning Units

**SIGNATURES**  
Proponent: ___________________________  
Title: ___________________________  
Date: ___________________________

Approved by: ___________________________  
Title: ___________________________  
Date: ___________________________

This checklist is required for the following activities: 1) Timber harvest activities 2) Construction or expansion of footprint of a road, rock pit, recreation site, communication site, leasing site (for example: antenna, wind turbine, etc.), or right-of-way.  
Checklist must be filed with the timber sale packet or sent to implementation.monitoring@dnr.wa.gov  
Revised 12/2013
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

Issued By:____________________ Steven Huang
Title:____________________ Skykomish Forest Practice Forester
Region:____________________ Northwest
Date:____________________ 4/2/2020
Copies to: [X] Landowner, Timber Owner and Operator.
Issued in person: [X] Landowner [ ] Timber Owner [ ] Operator By: UKE
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.elwhg.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
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 ________________, I placed in the United States mail at ________________________, WA, postage paid, a true and accurate copy of this document. Notice of Decision FPA # ________________

(Printed name) (Signature)
Request to Amend
Forest Practices Application/Notification
DNR’s Decision

Decision

☑ Approved This request for an amendment is approved and subject to the conditions listed below

☐ Disapproved This request for an amendment is disapproved for the reasons listed below

Conditions on Approval/Reasons for Disapproval

Apex Information (RCW 76.09.090(3), WAC 222-46-030(4), and WAC 332-08-215(3))

The Landowner, Timber Owner, or Operator has 15 calendar days from the Date of Service to request a Brief Adjudicative Proceeding for this amendment which is a Notice to Comply for an authorized deviation. Appeal requests must:

- Be in writing
- Include signature(s)
- Include the factual basis for the appeal and the issue to be adjudicated
- Sent to the Region Office at Sedro-Woolley
- With a copy sent to the Department of Natural Resources, Forest Practices Division, PO Box 47012, Olympia, WA 98504-7012

Issued By: for: Steven Huang Title: Skykomish Forest Practices Forester

Copies Sent To: Landowner (via US Mail), Timber Owner (via US Mail), Operator (via US Mail), WDFW, ECY, Affected Indian Tribes, LGE, other
### DNR affidavit of mailing:

On this day **8/6/2020**, I placed in the United States mail at **e-mailed to landowner**, WA, postage paid, a true and accurate copy of this Amendment Request Notice of Decision for FPA # **2817538**

L Utgard

(Printed name) (Signature)
## Request to Amend Forest Practices Application/Notification

Use this to request an amendment to an approved Western Washington, Eastern Washington, or Aerial Chemical Applications/Notifications

**TYPE OR PRINT IN INK:**

### 1. Landowner, Timber Owner, and Operator information

<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>Dept. of Natural Resources</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mailing Address:</td>
<td>Mailing Address:</td>
<td>Mailing Address:</td>
</tr>
<tr>
<td>919 N, Township St.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>City, State, Zip</td>
<td>City, State, Zip</td>
<td>City, State, Zip</td>
</tr>
<tr>
<td>Sedro-Woolley, WA 98274</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone (360) 856-3500</td>
<td>Phone ( )</td>
<td>Phone ( )</td>
</tr>
<tr>
<td>Email:</td>
<td>Email:</td>
<td>Email:</td>
</tr>
</tbody>
</table>

### 2. Approved FPA/N Number

2817358

### 3. Describe the proposed amendment to the original FPA/N. You can attach revised pages of an FPA/N, or give specific details. Include a new Activity Map if you are proposing any changes to the original.

Addition of area shown in green on the attached map. This includes the addition of 2.5 acres of VRH and 1.8 acres of the associated RM2 thinning.

A portion of this request was referenced in the original Forest Practices Narrative for the application:

"Approximately 2.5 acres of additional VRH area could be added to Unit 1A VRH. The additional area has been reclassified under DNR's Marbled Murrelet Long-Term Conservation Strategy. While the Marbled Murrelet Long-Term Conservation Strategy is in effect the additional area will be available for VRH and will likely be added to the Extravehicular VRH VDT timber sale."

### 4. I affirm that the information contained herein is true, and understand that this proposed forest practice is subject to the Forest Practices Act and Rules, as well as 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. I understand this amendment is a request for a Notice to Comply for an authorized deviation as described in WAC 222-20-060.

### 5. **Annette Mussman**

Landowner's Signature: ____________________________ Date: 8/6/2020

QQ-46W (Revised 12/22/06)
<table>
<thead>
<tr>
<th>DATE</th>
<th>DOCUMENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/24/2020</td>
<td>Transfer Form</td>
<td>Change of timber owner &amp; operator</td>
</tr>
<tr>
<td></td>
<td></td>
<td></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: 2817358
Section(s): 8-9-18
Township: 27N
Range: 10E

Original Landowner (Signature): [Signature]
Original Landowner (Printed): Courtney Coleman
Date: 9/18/2020

New Operator – Complete this section only if you are:

- [ ] Changing an operator for:
- [ ] Adding an operator for:

- [ ] Timber harvest
- [ ] Aerial spray
- [ ] Road construction
- [ ] Aerial spray

Legal Name of New Operator: (Print) SIERRA PACIFIC INDUSTRIES
Phone: 360-424-7619
Email:

New Operator Signature: [Signature]
Date: 9/18/2020

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:

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

Legal Name of Timber Owner: (Print)
SIERRA PACIFIC INDUSTRIES
Phone: 360-424-7619
Email:

Forest Tax Reporting Account Number: (Contact Dept. of Revenue at: 1-800-548-8829)
800 059 489

New Timber Owner Signature: [Signature]
Date: 9/18/2020

X Received by: L Utgard 9-24-2020
(DNR Forest Practices Staff Signature) 11/01/2017