**Forest Practices Application/Notification**  
**Office Checklist Page 1**  
**Northwest Region**

<table>
<thead>
<tr>
<th>FPA/N CLASSIFICATION:</th>
<th>Biomass [ ]</th>
<th>FFFPP [ ]</th>
<th>20-acre exempt [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Landowner Name:</td>
<td>DNR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Name:</td>
<td>Olney Patches</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WRIA:</td>
<td>Snohomish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAU:</td>
<td></td>
<td>Olney Creek</td>
<td></td>
</tr>
<tr>
<td>WRIA:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAU:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Legal Description:</td>
<td>10-28-8E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>County:</td>
<td>Snohomish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity Type:</td>
<td>Harvest 2.9 ac</td>
<td>Spray ac</td>
<td>Stream Crossing(s)</td>
</tr>
<tr>
<td></td>
<td>Road</td>
<td>Road</td>
<td>Rock Pit ac</td>
</tr>
<tr>
<td></td>
<td>Construction ft</td>
<td>Abandonment ft</td>
<td>Spoils cy</td>
</tr>
</tbody>
</table>

**ALTERNATIVE PRESCRIPTIONS**
- [ ] Alternate Plan
- [ ] Ten-Year Forest Management Plan
- [ ] Columbia River Gorge National Scenic Area
- [ ] Watershed Analysis: ________________________________

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

**ASSOCIATED NON-SCANNED DOCUMENTS** – On file with the FPA/N at the Region office.
- [ ] 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
- [ ] Habitat Conservation Plan
  - [ ] Landowner Option Plan for Northern Spotted Owl
  - [ ] Cooperative Habitat Enhancement Agreement
- [ ] 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
- [ ] Hardwood Conversion Form
- [ ] Wetland Mitigation Plan
- [ ] Water Protocol Surveys
- [ ] Modification Form#
  - [ ] Water Classification Worksheet
  - [ ] Shade Documentation (Stream Shade Assessment Worksheet)
  - [ ] Watershed Analysis Worksheet
  - [ ] DFC Printout
  - [ ] Slope Stability Informational Form

EARR Tax Credit [x] Yes [ ] No

**ADDITIONAL COMMENTS:**

---

Form completed by [Signature]

October, 2016 Version
For DNR Region Office Use Only

<table>
<thead>
<tr>
<th>FPA/N#</th>
<th>2816604</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>NW</td>
</tr>
<tr>
<td>Received Date</td>
<td>8-20-2018</td>
</tr>
</tbody>
</table>

Forest Practices Application/Notification
Western Washington

PLEASE USE THE INSTRUCTIONS TO COMPLETE THIS APPLICATION. TYPE OR PRINT IN INK.

1. Landowner, Timber Owner and Operator

<table>
<thead>
<tr>
<th>Legal Name of LANDOWNER</th>
<th>Legal Name of TIMBER OWNER (if different than Landowner)</th>
<th>Legal Name of OPERATOR (if different than Landowner)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></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 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 98284</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. Contact Person

<table>
<thead>
<tr>
<th>Contact Person:</th>
<th>Phone (360) 856-3500</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laurie Bergvall</td>
<td><a href="mailto:laurie.bergvall@dnr.wa.gov">laurie.bergvall@dnr.wa.gov</a></td>
<td></td>
</tr>
</tbody>
</table>

3. Landownership information: See instructions

   a. ☒ No ☐ Yes Are you a small forest landowner per RCW 76.09.450?
      If yes, continue to b.

   b. ☐ No ☐ Yes Is your entire proposed harvest area on a single contiguous ownership consisting of one or more parcel?

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

5. 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 on file at the Region office. **See Attached HCP**

6/1/2016
6. 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>12</td>
<td>28</td>
<td>08</td>
<td>E</td>
<td></td>
<td>Snohomish</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. When are you planning to begin work on the proposed activity? In 2+ weeks

8. Is the taxpayer eligible for the EARR Tax Credit?
   □ No ☒ Yes

9. 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 [See FPA Narrative]

10. Do you have a DNR approved Road Maintenance and Abandonment Plan (RMAP)?
    a. □ No ☒ Yes List the RMAP number: R2800010L
       If no, continue to b.
    b. □ No □ Yes Is a Checklist RMAP required (see instructions)?

11. Are there potentially unstable slopes or landforms in the area of your forest practices activity?
    ☒ No □ Yes – attach Slope Stability Informational Form. If applicable, attach geotechnical report, the SEPA Environmental Checklist, HCP, or Watershed Analysis prescriptions.

12. Are there potentially unstable slopes or landforms around the area of your forest practices activity?
    ☒ No □ Yes – attach Slope Stability Informational Form. If applicable, attach geotechnical report, HCP, or Watershed Analysis prescriptions.

13. Is this forest practice application/notification (answer every question):
    a. ☒ No □ Yes Within city limits or inside an urban growth area? If yes, see instructions for additional required documents.
    b. ☒ No □ Yes For road work that is included in an approved Road Maintenance and Abandonment Plan (RMAP)?
    c. ☒ 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.
    d. ☒ No □ Yes Within 500 feet of a public park? Park name: __________________________
    e. ☒ 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.
    f. □ No ☒ Yes Within 200’ 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.
    g. ☒ 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.

6/1/2016 Western Washington
h. ☐ No ☒ Yes  An Alternate Plan? If yes, include a copy.

i. ☐ No ☒ Yes  Within 50 miles of saltwater and do 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.

***** If not working in or over typed waters, skip to Question 18 *****

You are required to verify Type Np and Ns water types within 200 feet of your proposed forest practices activities prior to submitting a Forest Practices Application / Notification. Use the Additional Information section, additional pages, 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.

Prior to answering Questions 14-17 in this section please refer to the Forest Practices Application Instructions and Forest Practices Board Manual Section 5.

14. Are you proposing any of the following projects NOT permitted by current HPAs from WDFW?
   a. ☐ No ☒ Yes  Installing, replacing, or repairing a culvert at or below the bankfull width of Type S or F water(s) that exceeds a five percent gradient?
   b. ☐ No ☒ Yes  Constructing, replacing, or repairing a bridge at or below the bankfull width of unconfined streams in Type S or F water(s)?
   c. ☐ No ☒ Yes  Placing fill material within the 100-year flood level of unconfined streams in Type S or F water(s)?

15. Have you consulted with DNR and/or WDFW about the proposed hydraulic project(s) in or over Type S or F water? ☐ No ☒ Yes  Does Not Apply

16. If installing, replacing, removing, or maintaining structures in or over any typed water, complete the table below. Type S and F waters require detailed plan information. Provide plan details in Question 31 or attach plan to the FPA/N. Provide crossing locations and identifiers on your Activity Map. A detailed plan with profiles may also be required for more complex hydraulic projects in Type N Waters per WAC 222-24-042(2).

| Crossing Identifier (letter and/or number) | Water Type (S, F, N, Ps) | *Existing HPA Number (if applicable) | HPA Expiration Date (if applicable) | Planned Activity (install, remove, structure maintenance) | Structure (culvert, bridge, bank, other) | Proposed Size (dimensions of structure) | Culvert Design Method (N-slope, Stream Sim, Hydraulic, Other) | Channel Bed Width (ft) (F and S only) | Stream Gradient (%) (F and S only) | RMAP Project (Y or N) | FFPP Project (Y or N) |
|-------------------------------------------|--------------------------|--------------------------------------|-------------------------------------|----------------------------------------------------------|-----------------------------------|--------------------------------------|---------------------------------|-------------------------------|-----------------|-----------------|--------------|--------------|
|                                           |                          |                                      |                                     |                                                          |                                    |                                      |                                 |                               |                 |                 |              |              |
|                                           |                          |                                      |                                     |                                                          |                                    |                                      |                                 |                               |                 |                 |              |              |
|                                           |                          |                                      |                                     |                                                          |                                    |                                      |                                 |                               |                 |                 |              |              |
|                                           |                          |                                      |                                     |                                                          |                                    |                                      |                                 |                               |                 |                 |              |              |
|                                           |                          |                                      |                                     |                                                          |                                    |                                      |                                 |                               |                 |                 |              |              |

*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).

** Forfs and equipment crossings on Type S and F Waters may result in an unauthorized incidental take of certain endangered or threatened fish species. For more information, see 'Background for the State's Incidental Take Permits for certain endangered and threatened fish species' following Question 24 of the FPA/N Instructions.
17. If conducting any of the following activities in or over typed water, complete the table below. Some activities will require identifiers on the Activity map and/or more information in Question 31. 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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suspending Cables</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cable Yarding</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LWD Placement/Removal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beaver Dam Removal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Felling and Bucking</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other (describe in Question 31)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

** Fords and equipment crossings on Type S and F Waters may result in an unauthorized incidental take of certain endangered or threatened fish species. For more information, see 'Background for the State's Incidental Take Permits for certain endangered and threatened fish species' following Question 24 of the FPA/N Instructions.

18. If constructing or abandoning forest roads, complete the table below. Show the road locations and identifiers on the Activity Map. Include abandonment plans for 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></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

19. If depositing spoils and/or expanding or developing a rock pit for forestry use, complete the table below. Show locations and identifiers on the Activity Map.

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

20. If operating in or within 200 feet of a wetland, complete the table below. Show the boundaries of each wetland, along with its identifier, and WMZ on the Activity Map. See instructions for information.

<table>
<thead>
<tr>
<th>Wetland Identifier (number, letter)</th>
<th>Wetland Type (A, B, or Forested)</th>
<th>Planned Activities in Wetland</th>
<th>Planned Activities in Maximum Width WMZ</th>
<th>Total Wetland Area (acres)</th>
<th>How many acres will be drained?</th>
<th>How many acres will be filled?</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1</td>
<td>Forested</td>
<td>None</td>
<td>Harvest</td>
<td>&gt;1 acre</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

***** If not harvesting or salvaging timber, skip to Question 29 *****

6/1/2016  Page 4 of 8  Western Washington
21. 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/N)</th>
<th>Harvest Method (Rubber Tired Skidder, Tracked Skidder, Dozer, Shovel, Full Suspension Cable, Lead-end Suspension Cable, Helicopter, Animal, Chipper-forwarder, Slash Bundler)</th>
<th>Acres to be Harvested</th>
<th>Volume to be Harvested (m³)</th>
<th>Volume to be Harvested (biomass tonnage)</th>
<th>Volume to be Harvested (%)</th>
<th>Steepest Slope in Harvest (%)</th>
</tr>
</thead>
</table>

See FPA Narrative

22. Reforestation. Check the appropriate box(es).

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

☐ 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 it.

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

*** If you own MORE than 80 forested acres in Washington, skip to Question 27 ***

23. Are you using the exempt 20-acre parcel riparian management zone (RMZ) rule on type S, F, or Np waters?

☐ No If no, continue to Question 27.

☐ Yes If yes, continue to Question 24. See instructions for qualifications and information.

24. 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 forestland 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 forestland in Washington.
b. **ONE OR MORE** of the following apply to me and/or my land (check all that apply):

- I currently own more than 80 acres of forestland in Washington.
- Between June 5, 2006 and today's date I have owned more than 80 acres of forestland in Washington.
- Between June 5, 2006 and today's date this parcel has been a part of more than 20 acres of contiguous ownership. See RCW 76.09.020 for definition of 'contiguous'.
- Between June 5, 2006 and today's date this parcel has been owned by someone that has owned more than 80 forested acres in Washington.

If any of the statements in (b) above apply AND you use the 20-acre exempt RMZ rule, you are NOT authorized under the State's Incidental Take Permits (see explanation in FPA instructions under Questions 24).

25. **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 how stream shade was determined to be met, using the '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>Maximum RMZ Width (feet)</th>
<th>Are you harvesting within the maximum RMZ? (Y or N)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

26. **Are you harvesting within 29 feet of a Type Np water on a 20-acre exempt parcel?**

- **No** Continue to Question 29.
- **Yes** See instructions and describe leave tree strategy in Question 31. Then continue to Question 29.

27. **If harvesting within 200 feet of any of Type S or F water, complete the table below. Include 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 how stream shade was determined to be met, using the 'Stream Shade Assessment Worksheet' if necessary.

<table>
<thead>
<tr>
<th>Stream Segment Identifier (letter)</th>
<th>Water Type (S or F)</th>
<th>Site Class (I - V)</th>
<th>Stream Width (feet)</th>
<th>Is there a CMZ? (Y/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>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[See Aquatics Addendum]
28. If harvesting within 50 feet of Type Np water, complete the table(s) below. Show RMZs and stream segment identifiers on the Activity Map.

<table>
<thead>
<tr>
<th>Stream Segment Identifier (letter)</th>
<th>Total Stream Length in Harvest Unit (feet)</th>
<th>Length of No-Harvest, 50-foot Buffers in Harvest Unit (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stream Segment Identifier (letter)</th>
<th>Total Stream Length in Harvest Unit (feet)</th>
<th>Length of No-Harvest, 50-foot Buffers in Harvest Unit (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

29. How are the following marked on the ground? (Flagging, paint, road, fence, etc.)

- Harvest Boundaries: Sultan Basin Road, young stand break, trees painted with double pink band
- Clumped Wildlife Reserve Trees/Green Recruitment Trees: N/A
- Right-of-way limits/road centerlines: N/A
- Stream Crossing Work: N/A
- Riparian Management Zone Boundaries and Leave/Take Trees: trees painted with double pink band
- Channel Migration Zone: blue flagging
- Wetland Management Zone Boundaries and Leave/Take Trees: trees painted with double pink band

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

☑ No □ Yes If yes, include your SEPA Determination and/or SEPA checklist.

31. 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.

See attached: FPA Narrative, CMZ Assessment Form, and Alternate Plan Form.
32. We acknowledge the following:

- The information on this application/notification is true.
- We understand this proposed forest practice is subject to:
  - The Forest Practices Act and Rules AND
  - All other federal, state or local regulations.
- Compliance with the Forest Practices Act and Rules does not ensure compliance with the Endangered Species Act or other federal, state or local laws.
- If we said that we would not convert the land to non-forestry use, the county or city may deny development permits on this parcel for the next 6 years.
- The following may result in an unauthorized incidental take of certain endangered or threatened fish species:
  - Conversion of land to non-forestry use.
  - Harvesting within the maximum RMZ on a 20-acre exempt parcel that was acquired after June 5, 2006.
  - Equipment Crossings/Fords in or over Type S and F Waters.
- Inadvertent Discovery – Chapters 27.44, 27.53, 68.50 and 68.60 RCW
  - If you find or suspect you have found an archaeological object or Native American cairn, grave, or glyptic record, immediately cease disturbance activity, protect the area and promptly contact the Department of Archaeology and Historic Preservation at 360 586-3077.
  - 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 LANDOWNER</th>
<th>Signature of TIMBER OWNER*</th>
<th>Signature of OPERATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(If different than landowner)</td>
<td>(If different than landowner)</td>
</tr>
<tr>
<td>Print Name:</td>
<td></td>
<td>Print Name:</td>
</tr>
<tr>
<td>LAVELLE PERRAULT</td>
<td></td>
<td>Print Name:</td>
</tr>
<tr>
<td>Date: 7/17/18</td>
<td></td>
<td>Date:</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. 

6/1/2016
Page 8 of 8
Western Washington

2816604
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 #9:
A field review was conducted by a State Lands cultural resource technician on May 9, 2018 and no cultural or historic resources were identified within the proposal area.

If any cultural resources are discovered during forest activity operations, a DNR archaeologist will be notified and will follow the department’s “Cultural Resources Inadvertent Discovery Guidelines” procedure.

Question #21:

<table>
<thead>
<tr>
<th>Unit Number</th>
<th>Harvest Type</th>
<th>Biomass Harvest (Y/N)</th>
<th>Harvest Method</th>
<th>Acres to be Harvested</th>
<th>Volume to be Harvested (mbf)</th>
<th>Volume to be Harvested (biomass tonnage)</th>
<th>Volume to be Harvested (%)</th>
<th>Steepest Slope in Harvest Unit (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Even-aged</td>
<td>N</td>
<td>Ground</td>
<td>0.4</td>
<td>16</td>
<td>--</td>
<td>100</td>
<td>35</td>
</tr>
<tr>
<td>2</td>
<td>Even-aged</td>
<td>N</td>
<td>Ground</td>
<td>0.2</td>
<td>8</td>
<td>--</td>
<td>100</td>
<td>15</td>
</tr>
<tr>
<td>3</td>
<td>Even-aged</td>
<td>N</td>
<td>Ground</td>
<td>1.6</td>
<td>64</td>
<td>--</td>
<td>100</td>
<td>30</td>
</tr>
<tr>
<td>4</td>
<td>Even-aged</td>
<td>N</td>
<td>Ground</td>
<td>0.7</td>
<td>28</td>
<td>--</td>
<td>100</td>
<td>25</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>2.9</strong></td>
<td><strong>116</strong></td>
<td></td>
<td><strong>100</strong></td>
<td><strong>35</strong></td>
</tr>
</tbody>
</table>

Question #31:
See attached memo dated July 3, 2018 from DNR State Lands Forest Resources Division, outlining replacement/mitigation acres for compliance with the State Lands Habitat Conservation Plan.
Although the proposal is within 200 feet of a Type 1 water, it is only timber cutting. A forest practice consisting of timber cutting only is not considered development and does not require an SDP.
Appendix E. CMZ Assessment Form
Township: 28N Range: 08E Section: 12

Complete and attach this informational form to your FPA if you answered “Yes” to FPA question 13. Refer to Forest Practices Board Manual Section 2—Standard Methods for Identifying Bankfull Channel Features and Channel Migration Zones for guidance on evaluating Channel Migration Zones (forms within BM 2 are optional).

Applicant Office Review:
1. Screening tools used: ☒ GIS ☐ Aerial Photo Years: ____________ ☒ LiDAR ☐ USGS Topographic Map ☐ Other (describe);

2. Are you aware of channel movement or did you observe obvious channel movement between aerial photograph years?
   ☒ No, continue with to question 3 ☐ Yes, skip to question 5

3. Evaluate valley confinement using USGS topographic map(s) or aerial photographs.
   ☒ Valley floor is significantly wider than the channel. Channel migration may be occurring.
   ☐ Valley floor is very narrow, obviously less than twice as wide as the channel. If you can clearly see this circumstance on the aerial photographs, it is unlikely that channel migration is occurring.

4. Did you observe any of the following on the aerial photographs?
   ☒ Side Channels ☒ Multiple Channels (Braiding)
   ☒ Large Gravel Bars ☐ Wood Jams
   ☐ Eroding Banks ☐ High Sinuosity or Sharp Channel Bends
   ☐ New Channels Occurring Between Photo Years (Avulsions)

Field Review:
5. Date of field review: 5/9/2018

6. Person(s) that conducted field review: John Moon
   Name
   Unit Forester
   Name
   Title/position
   Name
   Title/position

7. If CMZ is present check the component(s) present in your CMZ delineation.
   ☐ Avulsion hazard area ☐ Erosion hazard area (attach erosion rate calculations)

8. What was the distance of channel walked? What was the length of CMZ boundary delineated?
   Walked: 3,700 feet
   Delineated: 1,550 feet

9. Briefly describe how you determined a CMZ exists, how you delineated the outer edge of the CMZ, and how you marked the outer edge of the CMZ on the ground (flagging color, paint, etc.):
   I used LiDAR mapping to evaluate the location of channels and topographic features along Olney Creek. I then conducted a field review, where I observed that the valley floor is greater than twice the width of the channel along several discontinuous portions of Olney Creek. I also observed gravel bars, woods jams, side channels, and braided channels along portions of the stream. Blue flagging was used to mark the outer edge of the CMZ on the ground.

6/1/2016
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 MATURITY TARGET ACRES (2/3 of Column 2)</th>
<th>4. CURRENT DNR SUB-BASIN ACRES IN HYDRO MATURITY FOREST IN ROS</th>
<th>5. ACRES OF HYDRO MATURITY FOREST TO BE REMOVED</th>
<th>6. SUPRPLUS (+) OR DEFICIT (-) ACRES AFTER ACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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).

See attached Riparian Checklist Table for details regarding water type, site index, and RMZ/WMZ widths for streams and wetlands associated with this proposal. No wind buffers were applied to any streams or wetlands associated with this proposal.

See attached memo dated July 3, 2018 from DNR State Lands Forest Resources Division, outlining replacement/mitigation acres for harvesting within the buffer of Olney Creek and one type 3 stream. The memo details how the harvest operation will be in compliance with the State Lands Habitat Conservation Plan. The memo also provides details covering the stand conditions in the RMZ areas being considered for harvest, and the stands being set aside as replacement/mitigation acres.
<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>A</td>
<td>3</td>
<td>III</td>
<td>&gt;2’</td>
<td>No</td>
<td>No</td>
<td>140/162</td>
<td>No</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>III</td>
<td>&gt;2’</td>
<td>No</td>
<td>No</td>
<td>140/162</td>
<td>No</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
<td>III</td>
<td>&gt;2’</td>
<td>No</td>
<td>No</td>
<td>50/100</td>
<td>N/A</td>
</tr>
<tr>
<td>D</td>
<td>5</td>
<td>III</td>
<td>&lt;2’</td>
<td>No</td>
<td>No</td>
<td>0/30-foot equipment limitation zone.</td>
<td>N/A</td>
</tr>
<tr>
<td>E</td>
<td>5</td>
<td>II</td>
<td>&lt;2’</td>
<td>No</td>
<td>No</td>
<td>0/30-foot equipment limitation zone.</td>
<td>N/A</td>
</tr>
<tr>
<td>Olney Creek</td>
<td>1</td>
<td>III</td>
<td>&gt;20’</td>
<td>Yes</td>
<td>No</td>
<td>140/162**</td>
<td>No</td>
</tr>
<tr>
<td>W1</td>
<td>Forested</td>
<td>II</td>
<td>&gt;1Acre</td>
<td>No</td>
<td>No</td>
<td>0/180*</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**This FPA includes harvesting portions of the Olney Creek RMZ.**

*Variable width averaging 180’*
DNR Trust Forestland HCP Water Typing Key
ADDENDUM TO INSTRUCTIONS FOR COMPLETING THE FOREST PRACTICE APPLICATION

STREAM(S) ID A. B ______________________________ DATE 7/11/18 __________________

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.

1-14-08
DNR Trust Forestland HCP Water Typing Key
ADDENDUM TO INSTRUCTIONS FOR COMPLETING THE FOREST PRACTICE APPLICATION

STREAM(S) ID: C
DATE: 7/11/18

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?
   ___ X No. Type 4 stream.
   ___ Yes. Type 5 stream.
   ___ 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 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
DNR Trust Forestland HCP Water Typing Key
ADDENDUM TO INSTRUCTIONS FOR COMPLETING THE FOREST PRACTICE APPLICATION

STREAM(S) ID  D, E

DATE 7/11/18

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
Forest Practices Application/Notification Addendum
DNR Proprietary HCP Implementation Checklist for the
Northern Spotted Owl, 2008 (all HCP planning units & OESF)

Refer to the DNR Proprietary HCP Implementation Agreement for the NSO, 2008.

1. Is the Forest Practice activity within a NRF Management Area?
   - [ ] Yes, Go to #2.
   - [X] No, Go to #6.

2. Is the Forest Practice activity within a designated 500-acre Nest Patch?
   - [ ] Yes, No timber harvest allowed, harvest deferment of Nest Patches, refer to Substitution Agreement, Section I.A. **End Checklist.** Maintenance of existing roads is permitted. Describe road maintenance activity in Question #13.
   - [X] 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.
   - [X] No, Go to #4.

4. Is the SOMU where the Forest Practice activity is located, above the threshold of NRF habitat?
   - [ ] Yes, Proceed with the activity, ensuring that habitat within the SOMU will not fall below the target amount. Please describe in Question #13; 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 #13.
   - [X] No, Go to #5.

5. Is the Forest Practice activity within suitable submature 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 #13, type of activity, how habitat will be maintained or next best stands enhanced and what the final stand condition will be. Go to #13.
   - [X] No, Ensure that target amount of habitat within the SOMU will not take longer to achieve after activity. Please describe in Question #13 how management activity will maintain and/or achieve the NRF target amount. Go to #13.

6. Is the Forest Practice activity within a Dispersal or DFC Management Area?
   - [ ] Yes, Go to #7.
   - [X] 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.
   - [X] No, Go to #8.

8. Is the SOMU where the Forest Practice activity is located, above the threshold of dispersal habitat?
   - [ ] Yes, Proceed with the activity, ensuring that habitat within the SOMU will not fall below the target amount. Please describe in Question #13; 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 #13.
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 #13, type of activity, how
   habitat will be maintained or next best stands enhanced and what the final stand
   condition will be. Go to #13.
   □ No, Ensure that target amount of habitat within the SOMU will not take longer to
   achieve after activity. Please describe in Question #13 how management activity
   will maintain and/or achieve the dispersal target amount. Go to #13.

10. Is the Forest Practice activity located within the OESF?
   □ Yes, Go to #11.
   □ No, Go to #12.

11. Landscape planning has been initiated, but has it been completed?
   □ Yes, Proceed with the activity, ensuring that all commitments of the Landscape Plan
   are fulfilled. Please describe in Question #13; 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 suitable habitat will remain within the
   SOMU after harvest. Go to #12.
   □ No, Proceed with the activity, ensuring that the total amount of habitat harvested since
   HCP implementation will not exceed the allowable amount as described within
   the substitution agreement, Section II. Please describe in Question #13; 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 suitable habitat
   will remain within the SOMU after harvest. Go to #12.

12. 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 #13.
   □ No, Go to #13.

13. 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.

Not Applicable
4. Is the proposed activity located within surveyed and unoccupied Criteria 1 or 2 newly identified habitat, or unsurveyed Criteria 1 that is greater than 0.25 miles from an occupied site and is the activity only for operational access (roads or yarding corridors) through this habitat type?
   □ Yes, proposal is consistent with the current HCP. Timing restrictions are applied when operating within this habitat and remaining habitat is deferred from harvest. Consult with Region biologist/specialist for recommendations on minimizing platform tree removal. Document in Question #6 the type of operational access, but first go to Question #5.
   ☒ No, go to Question #5.

5. Is the proposed harvest activity within ¼ mile of any marbled murrelet occupied site(s), Criteria 3 newly identified habitat or unsurveyed suitable MM habitat?^2^?
   ☒ Yes, consult with Region biologist/specialist for recommendations on buffers and timing restrictions. Go to Question #6 and document type of buffer of occupied site or suitable habitat.
   □ No, proceed with activity; go to Question #6 if any documentation is required.

6. This question or section is for additional information the checklist suggested you provide in previous questions or any additional information you think is relevant to the proposal. If you were able to answer the previous questions without a “Stop Proposed Activity” notification then your proposal is consistent with the HCP and may proceed. Otherwise, more documentation is required here. If varying from current HCP guidance, attach consultation agreement from Forest Resources Division and/or USFWS and discuss below.

Timing restrictions will be applied to Units 1, 2, and 3 that lie within ¼ mile of Criteria 3 newly-identified habitat. Timing restrictions will be implemented for any activity associated with harvesting timber, road building, and rock pit development. The timing restrictions will be in effect from April 1 through August 31, from 1 hour before to 2 hours after official sunrise, and 1 hour before to 1 hour after official sunset.

---

^2^ "Unsurveyed suitable habitat" refers to potential habitat identified per the NPPU 2007 memo that has been field verified as suitable, but not yet surveyed.
July 3, 2018

TO: Allen Estep, Assistant Division Manager, Forest Resources Division
THROUGH: Laurie Bergvall, State Lands Assistant, NW Region
FROM: John Moon, Unit Forester, Cascade District, NW Region
RE: Harvesting isolated patches of the Olney Creek Riparian Management Zone (RMZ) along Sultan Basin Road.

Summary:
There are five small patches of the Olney Creek RMZ along Sultan Basin Road that are in section 12 township 28 N range 8 E. These patches range in size from 0.2 to 1.1 acres. The cumulative acreage of the five small RMZ patches is 2.9 acres. These portions of the Olney Creek RMZ were designated as no-harvest buffer with Unit 2 of the Lugnut timber sale. This timber sale unit was harvested in early 2018. The RMZ patches are situated on the south side of Sultan Basin Road, between the harvest unit and the road. Olney Creek lies on the north side of Sultan Basin Road, opposite the RMZ patches. We are proposing regeneration harvest of these 2.9 acres of the Olney Creek RMZ. Field staff have identified a location approximately 0.5 miles further up Sultan Basin Road to the northeast of the RMZ patches to serve as replacement acres to ensure compliance with the Department’s Habitat Conservation Plan (HCP). See attached map for location of RMZ patches, and mitigation acres.

Background:
Following harvest of Unit 2 of the Lugnut timber sale, staff from the Snohomish County Public Utility District (PUD) approached Department staff regarding removal of these five patches of RMZ along Sultan Basin Road, which is owned by Snohomish County. Department staff determined that equivalent acres with similar stand conditions would need to be set aside as mitigation/replacement acres to ensure compliance with the Department’s HCP. Field staff located an area of approximately 21 acres within 0.5 miles of the RMZ patches to serve as mitigation/replacement acres. After identifying a channel migration zone, two type 3 streams, 1 type 5 stream, and a small less than ¼ acre wetland, the area available for mitigation is 7.8 acres. See attached map. The average buffer width on Olney Creek for the harvest unit was 162’.

Site conditions:
Field staff determined that the five RMZ patches are scattered along approximately 2,900 feet of the Olney Creek RMZ. Olney Creek is a type 1 stream with discontinuous sections of channel migration zone. The average distance between Olney Creek and Sultan Basin Road is 106 feet, with the narrowest distance being 70 feet. The RMZ patches that are being proposed for harvest are approximately 70 years old and are dominated by a single dense canopy of western hemlock and Douglas-fir with small amounts of western red cedar as co-dominants and occasional red alder. There are some isolated openings that have resulted in sporadic western hemlock advanced regeneration. There are few snags and little downed wood found throughout the RMZ patches. At the location of the RMZ patches, Sultan Basin Road bisects the RMZ, impacting the functionality of the RMZ patches. Any down wood in the RMZ patches will not contribute to instream large woody debris, and because the road creates a canopy break, the RMZ patches do not contribute to stream shading. Also, with the RMZ patches opposite the county road from Olney Creek they do not assist in filtering sediment and runoff that may originate from Sultan Basin Road.

The mitigation area lies along approximately 1,100 feet of the Olney Creek RMZ. There is a channel migration zone present along this portion of Olney Creek. The mitigation area is dominated by a main
canopy layer of western hemlock with Douglas-fir emergents, there are lesser amounts of western red cedar, sitka spruce, and big leaf maple. The area is approximately 70 years old and has primarily one canopy layer with large portions of western hemlock advanced regeneration in the under story. This area has a higher density of snags per acre, with a range of decay classes, and a greater volume of downed wood compared to the RMZ patches. The stand conditions in the mitigation area are generally less dense and more structurally complex than the RMZ patches. This area lies between Sultan Basin Road and Olney Creek and will thus serve a more functional role as a buffer between the county road and the creek as compared to the RMZ patches being proposed for harvest.

Conclusion:
It is my recommendation that the patches of RMZ between Unit 2 of the lugnut timber sale and Sultan Basin Road be harvested, with equivalent replacement acres being designated in the area identified on the attached map as potential mitigation area. Please indicate your concurrence with this proposal by signing below.

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

Date

2816604
Forest Practices Application/Notification
Alternate Plan Form

This form provides an outline for preparing an Alternate Plan. Although not required, it will help you prepare your Alternate Plan. Include the completed form with your Forest Practices Application. Refer to Board Manual Section 21 for help in developing your alternate plan, or contact your DNR region office for assistance.

TYPE OR PRINT IN INK:

Landowner information

<table>
<thead>
<tr>
<th>Name of LANDOWNER</th>
<th>Phone: 360-856-3500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Natural Resources</td>
<td>Email:</td>
</tr>
</tbody>
</table>

Contact person information.

<table>
<thead>
<tr>
<th>Contact Person</th>
<th>Phone: 360-856-3500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laurie Bergvall</td>
<td>Email: <a href="mailto:laurie.bergvall@dnr.wa.gov">laurie.bergvall@dnr.wa.gov</a></td>
</tr>
</tbody>
</table>

1. Current conditions and management goals:
   a) List the predominate tree species, average tree height and age; note excessive blowdown, fire damage, root rot or other forest health issues; describe topography.
   b) Describe the resource management goals you wish to achieve through this alternate plan.

a) The stands that are being proposed for harvest are approximately 70 years old and are dominated by a single dense canopy of western hemlock and Douglas-fir with small amounts of western red cedar as co-dominants and occasional red alder and black cottonwood. There are some isolated openings in the canopy that have resulted in sporadic western hemlock advanced regeneration. There are few snags and little downed wood throughout the stands. There is some evidence of root rot in the suppressed western hemlocks, but it is not present at epidemic levels. There is evidence of sporadic blowdown in adjacent stands. The topography is generally flat with the steepest slopes being 35% or less.

b) The goal with this alternate plan is to mitigate the potential risk of windthrow associated with isolated stands of mature timber along Sultan Basin Road.
2. Proposed Management Activities: Describe what activities will be conducted (example: harvest, tree planting, road construction, etc). Describe where, how, and when each activity will be conducted.

NOTE: A representative sample of the proposed alternate plan area must be flagged on the ground for interdisciplinary team review.

Four isolated stands of mature timber will be harvested immediately adjacent to Sultan Basin Road, approximately near milepost 8 in section 12 township 28N range 08E (see attached Forest Practices Activity Map). The timber will be hand and machine felled and yarded to Sultan Basin Road utilizing ground based equipment. Traffic control measures will be in place during felling, yarding, and loading operations. Harvesting operations will be completed within six months of the approval of this Forest Practice Application.

3. Describe how your proposed management activity would affect the alternate plan area
For activities in a riparian area:
   a) Describe the current level of large woody debris, shade, bank stability, sediment filtering and nutrient input.
   b) Explain the short and long term changes in the amount of large woody debris, shade, bank stability, sediment filtering and nutrient input from the current level. Be as specific as possible. See Board Manual Section 21

The stands to be harvested fall within the 162 foot site index buffer of Olney Creek. This buffer is bisected by Sultan Basin Road, a paved county road. The average distance between Sultan Basin Road and the outer edge of bankful width (BFW) and/or channel migration zone (CMZ) of Olney Creek is 106 feet. Olney Creek flows on the north side of the road, parallel to the road, and the harvest units lie on the south side of the road. The average clearing width for Sultan Basin Road is 60 feet. Due to the disconnectivity of the harvest units from the remainder of the stream buffer, it is believed that the removal of these portions of buffer will not have deliterious impacts on the remaining functionality of the stream buffer beyond what is already impacted by the presence of the paved road. This was determined by measuring the closest edge of the harvest units to the outer edge of BFW and/or CMZ of Olney Creek. The closest distance between the outer edge of any portion of CMZ and/or BFW on Olney Creek and the harvest units is 90 feet. This distance includes the paved county road.

The stands being considered for harvest have minimal amounts of large woody debris, and because of the presence of the county road it is not anticipated that this downed wood will contributed to in-stream woody debris recruitment in a meaningful way. The harvest units are all greater than 75 feet from Olney Creek and therefore their removal will not negatively impact stream shading. With the county road being located between the harvest units and Olney Creek these areas already do not contribute to bank stability, or sediment filtering. There is not anticipated to be any deliterious impacts to bank stability, or sediment filtering with the removal of these harvest units. It is possible that leaf litter from the harvest units does contribute to nutrient input in the stream channel. Any loss in nutrient input from the removal of timber in the harvest units will be mitigated by the designation of replacement acres along Olney Creek.

See attached memo dated July 3, 2018 from DNR State Lands Forest Resources Division, outlining replacement/mitigation acres for compliance with the State Lands Habitat Conservation Plan.
4. If you are planning activities in the riparian area, fill in the table below.

<table>
<thead>
<tr>
<th>Stream Segment Identifier</th>
<th>Watertype (S,F,Np)</th>
<th>Affected Stream Segment Length (feet)</th>
<th>Average Bankfull Width (feet)</th>
<th>Average width of no cut buffer (feet)</th>
<th>Harvest one side or both sides</th>
</tr>
</thead>
<tbody>
<tr>
<td>Olney Creek</td>
<td>S</td>
<td>2,900</td>
<td>76.5</td>
<td>106*</td>
<td>one side</td>
</tr>
</tbody>
</table>

*106 ft will be the average buffer remaining between the road and the stream, the average site index buffer is 162 ft.

5. Does this plan propose to remove hardwood trees within a riparian area in order to plant conifers?  

No ☐ Yes ☒ If yes, describe the species to be planted. Include a schedule of brush control activities to ensure the planted trees will be vigorous and free to grow after three growing seasons.

A mixture of Douglas-fir and western redcedar will be planted at a density that meets or exceeds Forest Practices standards. Brush control activities will be completed prior to planting and stands will be re-evaluated as needed to ensure a fully stocked stand occupies the site.

6. List the specific parts of the Forest Practices Board Rules that the proposal departs from:

See Washington Forest Practices Board Rules at:  
http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesRules

<table>
<thead>
<tr>
<th>WAC Section</th>
<th>Sub-section</th>
<th>WAC Section/Sub-section Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>222-30-021</td>
<td>1B+C</td>
<td>Western Washington RMZs for Type S and F Waters</td>
</tr>
</tbody>
</table>

 attachment shown below

7. Attach map(s) (preferably 1" = 400’ scale) with updated stream locations, wetlands, unstable slopes and roads. Clearly designate proposed alternate plan area. The alternate plan area must also be shown on the forest practices activity map.

8. Attach information, such as a timber cruise, water type modification forms, technical field notes, literature references, etc., that support the alternate plan.

9. Small Forest Landowner Office Monitoring

The Small Forest Landowner Office (SFLO) is required to monitor small forest landowner alternate plans for cumulative effects.

a) Does this alternate plan contain a monitoring strategy

☐ Yes ☐ No If yes, please attach.

b) May SFLO staff access the alternate plan site to conduct monitoring?

☐ Yes ☐ No
Forest Practices Application/Notification
Notice of Decision

Decision
[ ] Notification
[X] Approved
[ ] Disapproved
[ ] Closed

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

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

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

Conditions on Approval / Reasons for Disapproval
No additional conditions.

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

Issued By: ____________________________
Steven Huang

Title: ____________________________
Skykomish Forest Practice Forester

Region: ____________________________
Northwest

Date: ____________________________
9/18/2018

Copies to: [X] Landowner, Timber Owner and Operator.

Issued in person: [X] Landowner  [ ] Timber Owner  [ ] Operator

Washington State Department of Natural Resources • Notice of Decision • August 5, 2013
**Appeal Information**

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

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

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

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

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

And

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](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 # ___________  

L Utgard  
(Printed name)  
(Signature)

Washington State Department of Natural Resources • Notice of Decision • August 5, 2013
<table>
<thead>
<tr>
<th>DATE</th>
<th>DOCUMENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/5/2018</td>
<td>Transfer Form</td>
<td>Change of Operator</td>
</tr>
</tbody>
</table>
**Forest Practices Application/Notification**

**NOTICE OF TRANSFER**

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

**Lognut Olney Patches**

<table>
<thead>
<tr>
<th>FPA/N Number:</th>
<th>2816604</th>
<th>Section(s):</th>
<th>12/13/14/15/7</th>
<th>Township:</th>
<th>28N</th>
<th>Range:</th>
<th>08/9E</th>
</tr>
</thead>
</table>

Original Landowner (Signature): [Signature]

Original Landowner (Printed): [Printed Name] Date: 10/5/18

<table>
<thead>
<tr>
<th>New Operator – Complete this section <strong>only</strong> if you are:</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ Changing an operator for:</td>
</tr>
<tr>
<td>☐ Adding an operator for:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Legal Name of New Operator: (Print)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.L.R.T Corporation</td>
</tr>
</tbody>
</table>

| Phone: | 360-592-5300 |
| Email: | |

New Operator Signature: [Signature] Date: 10/5/18

<table>
<thead>
<tr>
<th>New Landowner – Complete this section <strong>only</strong> if you are transferring your FPA to a new landowner</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ No</td>
</tr>
<tr>
<td>☐ No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Legal Name of New Landowner: (Print)</th>
</tr>
</thead>
</table>

| Phone: | |
| Email: | |

New Landowner Signature: Date: 10/5/18

<table>
<thead>
<tr>
<th>New Timber Owner – Complete this section <strong>only</strong> if you are transferring your timber rights</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Legal Name of Timber Owner: (Print)</th>
</tr>
</thead>
</table>

| Phone: | |
| Email: | |

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

New Timber Owner Signature: Date: 10/5/18

[Received by: [Signature]] Date: 10/5/18

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