Forest Practices Application/Notification
Office Checklist Page 1
Northwest Region

Landowner Name: DAR

Activity Type: Harvest _______ ac  Spray _______ ac  Road _______ Road  Construction ft  Abandonment ft  Spoils _______ cu

WRIA: Suquamish

WAU: Cloney Creek

Legal Description: NWSW 12-28-8E

County: Suquamish

Biomass [ ]  FFFPP [ ]  20-acre exempt [ ]

Project Name: Lugnut Emergency F.P.

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

Habitat Conservation Plan
[ ] 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 Hazard Zonation
[ ] Landslide Inventory Polygon
[ ] Rain-on-Snow and Outside Approved WA
[ ] Hydric Soils
[ ] Wetland [ ] Forested, [ ] A, [ ] B
[ ] In WMZ of [ ] A, or [ ] B Wetland
[ ] In RMZ/ELZ of Typo [ ] S, [ ] F, [ ] N water
[ ] Water Verification

ASSOCIATED NON-SCANNED DOCUMENTS – On file with the FPA/N at the Region office.
[ ] SEPA Checklist/Documents

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

EARR Tax Credit [ ] Yes [ ] No

ADDITIONAL COMMENTS:

Form completed by ____________ October, 2016 Version
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>Department of Natural Resources</td>
<td>Mailing Address:</td>
<td>Mailing Address:</td>
</tr>
<tr>
<td>919 N. Township St.</td>
<td>Mailing Address:</td>
<td>Mailing Address:</td>
</tr>
<tr>
<td>Sedro-Woolley, WA 98284</td>
<td>City, State, Zip</td>
<td>City, State, Zip</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>
</tr>
</thead>
<tbody>
<tr>
<td>Laurie Bergvall</td>
<td><a href="mailto:Laurie.Bergvall@dnr.wa.gov">Laurie.Bergvall@dnr.wa.gov</a></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:

   ______________________________

   For tax reporting information or to receive a tax number, call the Department of Revenue at 1-800-548-8829.

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 HCP Attached]

Lugnut - Emergency Forest Practices
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>
</tbody>
</table>

7. When are you planning to begin work on the proposed activity? already commenced

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.
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

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).

<table>
<thead>
<tr>
<th>Crossing Identifier (letter and/or number)</th>
<th>Water Type (S, N, F, Ns)</th>
<th>Existing HPA Number (if applicable)</th>
<th>HPA Expiration Date (if applicable)</th>
<th>Planned Activity (install, replace, remove, structure maintenance)</th>
<th>Structure (culvert, bridge, flood, arch, other)</th>
<th>Proposed Size (dimensions of structure)</th>
<th>Culvert Design Method (N, S, H, F)</th>
<th>Channel Bed Width (ft)</th>
<th>Stream Gradient (%)</th>
<th>RMP/N Project (Y or N)</th>
<th>FFPP Project (Y or N)</th>
</tr>
</thead>
</table>

Does not apply

*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.
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>
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<tr>
<td>Cable Yarding</td>
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<td></td>
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<tr>
<td>LWD Placement/Removal</td>
<td></td>
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<tr>
<td>Beaver Dam Removal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Felling and Bucking</td>
<td></td>
<td></td>
<td></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 compiled 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>
</tbody>
</table>

**Does not apply.**

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>
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<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>See Aquatics Addendum</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

***** If not harvesting or salvaging timber, skip to Question 29 *****
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 Unit (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Even-aged</td>
<td>N</td>
<td>Ground</td>
<td>1.0</td>
<td>32</td>
<td>--</td>
<td>100</td>
<td>40</td>
</tr>
</tbody>
</table>

Total 1.0 32

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>
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</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>
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<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>See Aquatics Addendum</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>
</table>

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

- Harvest Boundaries: Pink Flagging
- 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: within RMZ
- Channel Migration Zone: Not marked, however Timber Sale Tags for RMZ are a site index distance off the CMZ
- Wetland Management Zone Boundaries and Leave/Take Trees: N/A

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.

This is per WAC 222-20-070 for the immediate commencement of removal of timber to mitigate wind risk due to a recent wind event. Approximately 35 trees have been felled and are to be removed.

Although this forest practices will remove trees from within the RMZ, the activity is still in adherence of the Department’s HCP as the RMZ buffer averages the site index buffer of 162 feet. Although this forest practices will remove trees from within the RMZ, the activity is still in adherence of the Department’s HCP as the RMZ buffer averages the site index buffer of 162 feet.
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>[Signature Image]</td>
<td>[Signature Image]</td>
<td>[Signature Image]</td>
</tr>
<tr>
<td>Print Name:</td>
<td>Print Name:</td>
<td>Print Name:</td>
</tr>
<tr>
<td>Theresa Llop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date: 3-16-2018</td>
<td>Date:</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.
Appendix D. Slope Stability Informational Form

Complete and attach this form to your FPA if you answered 'Yes' to FPA Question 11 or 12. 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. What screening tools were used? ☑ Aerial Photo, ☑ LiDAR, ☑ Landslide Inventory, ☑ Landslide Hazard Zone Polygon, ☑ GIS/Other (describe):
   Orthophotographs

2. Were there any features identified using the screening tools in #1 that did not exist in the field? If yes, describe:
   N/A

3. a. What potentially unstable slopes or landforms were identified in the area of your forest practices activity? Check all that apply:
   ☑ Inner Gorge ☑ Groundwater recharge areas for glacial deep-seated landslides
   ☑ Bedrock Hollow ☑ Convergent Headwall ☑ Toe of deep-seated landslide
   ☑ Outer edges of meander bends
   ☑ Other (Deep-seated landslides or other features of potentially unstable slopes). Describe:
   N/A

   b. What activities may occur in potentially unstable slopes or landforms? Check all that apply:
      ☑ Timber harvest ☐ Road construction ☐ Suspending cables ☐ Yarding ☐ Tailholds

4. a. What potentially unstable slopes or landforms were identified around the area of your forest practices activity? Check all that apply:
   ☑ Inner Gorge ☑ Groundwater recharge areas for glacial deep-seated landslides
   ☑ Bedrock Hollow ☑ Convergent Headwall ☑ Toe of deep-seated landslide
   ☑ Outer edges of meander bends
   ☑ Other (Deep-seated landslides or other features of potentially unstable slopes). Describe:
   The first deep seated landslide is best described as modest size, dormant mature. It occurred in steep (100' high) stream-terrace slopes on the south side of Olney Creek. The topography of the landslide is very subdued. The landslide is low on the slope and toes out on the valley floor, and traveled a short distance onto the valley floor. The second deep-seated landslide is similar in structure, but smaller and further west along the same slope.

   b. What activities may occur around potentially unstable slopes or landforms? Check all that apply:
      ☑ Timber harvest ☐ Road construction ☐ Suspending cables ☐ Yarding ☐ Tailholds

For use with FPA/N dated 8/1/2018 or later
5. If any features identified in #3.a. and/or #4.a. were bounded out, describe the manner in which the boundary was determined:

The inner gorge is around a type 4 stream. A 100' buffer is in place from the 100 yr flood plain along the length of the stream. The Inner gorge is completely within the no harvest RMZ buffer. The first deep-seated landslide is in the RMZ buffer to the west of Unit. The second deep-seated landslide is also west of the timber removal area.

6. Were areas of public use (which may include, but are not limited to: public roads, utilities, designated recreation areas, occupied structures, etc.) identified in or around the area of your proposed forest practices activity? Show these locations on the map in #8.

No.

7. Date of field review: 7/28/16

Person(s) that conducted field review:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/position</th>
</tr>
</thead>
<tbody>
<tr>
<td>John McKenzie</td>
<td>Licensed Engineering Geologist</td>
</tr>
</tbody>
</table>

Hollis Crapo

Name

Pre-sales Forester

Name

Title/position

8. Show all field reviewed areas for potentially unstable slopes or landforms on a map (may use a forest practices activity map, harvest map or GIS map – See example below). Show locations where areas of public use exist. **This map is intended to be developed by the field practitioner.**
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 j. 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: 6/6/16

6. Person(s) that conducted field review: Hollis Crapo
   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 1000'
   Delineated 3500'

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.):
   The valley floor is obviously >2x the width of the channel in many places along the stretch of stream. I primarily used GIS to delineate a preliminary outer edge, based on topography, and then ground truthed that to real topological breaks while creating the RMZ adjacent to the CMZ for the Lugnut Timber Sale. White timber sale boundary tags mark a site index no harvest RMZ buffer off of the CMZ for the Lugnut Timber Sale. This "Emergency Forest Practices" will remove approximately 35 trees adjacent to Lugnut Unit #2 (FPA #2815489) within the RMZ.
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>Sub-Basin Name</th>
<th>Total ROS Acres (DNR) Within Sub-Basin</th>
<th>Hydro Mature Target Acres (2/3 of Column 2)</th>
<th>Current DNR Sub-Basin Acres In Hydro Mature Forest in ROS</th>
<th>Acres of Hydro Mature Forest To Be Removed</th>
<th>Surplus (+) or Deficit (+) Acres After Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Olney Creek Subbasins</td>
<td>4*</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).

*Sub-basin 4 of the Olney Creek WAU has less than one-third of the total sub-basin acreage in the SROS zone; therefore they will not be managed for ROS.

See the attached table.
<table>
<thead>
<tr>
<th>Stream Segment Identifier or Wetland Identifier</th>
<th>Water Type or Wetland &quot;forested or open water&quot;</th>
<th>Site Class</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>(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>
</tbody>
</table>
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.
   ☒ 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.
   ☒ 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 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.
   ☒ 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.
   ☒ 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.
   ☒ 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 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.
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.
Forest Practices Application/Notification Addendum
DNR Trust Lands HCP Implementation Checklist for the Marbled Murrelet, 2014
North Puget Planning Unit Only

Refer to the DNR Trust Lands HCP Implementation Summary for the Marbled Murrelet, 2014 and North Puget Planning Unit (NPPU) memos dated 02/23/2007 and 06/12/2009. Marbled Murrelet GIS habitat and occupied site delineation is available at on the Quick Data Loader and State Uplands Viewing Tool titled “State Lands – Marbled Murrelet – HCP Policy”.

1. Is the proposed Forest Practices activity within potential habitat, occupied site, Criteria 3 newly identified habitat or suitable habitat not available for release\(^1\)?
   - ☐ Yes, proposal is inconsistent with current HCP strategy. Stop Proposed Activity or document in Question #6 specifics of proposal and Forest Resources Division approval if intending to proceed.
   - ☑ No, not within suitable habitat not available for release, potential, occupied, or Criteria 3 newly identified habitat. Go to Question #2.

2. Is the proposed activity within releasable\(^1\) suitable habitat according to the NPPU memo (dated 6/12/2009)?
   - ☐ Yes, document in Question #6 the WAU name, total suitable MM habitat acres allowed to be harvested within the WAU and the total acres to date of suitable MM habitat harvested within the WAU after this proposed harvest. Go to Question #3.
   - ☑ No, proposal is not within releasable suitable habitat. Go to Question #3.

3. Is the proposed activity located within unsurveyed Criteria 1 newly identified habitat that is within 0.25 miles of an occupied site, or unsurveyed Criteria 2 newly identified habitat?
   - ☐ Yes, proposal is inconsistent with the current HCP strategy. Stop Proposed Activity or document in Question #6 specifics of proposal and Forest Resources Division approval if intending to proceed.
   - ☑ No, go to Question #4.

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\(^1\) Some suitable habitat may be available for harvest (releasable) if 50% of the habitat will remain within the WAU and it is greater than 0.5 miles from an occupied site and identified per NPPU memo dated 6/12/2009. Criteria 1 habitat is: Habitat ≥ 5 acres but ≤ 10 acres with ≤ 10 platforms per acre OR Habitat > 10 acres but ≤ 20 acres with ≤ 5 platforms per acre. Criteria 2 habitat is: Habitat ≥ 5 acres but ≤ 10 acres with > 10 platforms per acre OR Habitat > 10 acres but ≤ 20 acres with > 5 platforms per acre OR Habitat > 20 acres with ≤ 15 platforms per acre. Criteria 3 is: Habitat ≥ 20 acres with >15 platforms per acre.
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.

Does not apply.

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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.
Forest Practices Application/Notification
Notice of Decision

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

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

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

Conditions on Approval / Reasons for Disapproval
No additional conditions.

FOR YOUR INFORMATION:

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

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

Region: Northwest
Date: 4/6/2018
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/

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. 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, (date) (post office location)
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