Forest Practices Application/Notification
Office Checklist Page 1
Northwest Region

FPA/N #: 2816779
Received Date: 1-4-19
WDFW Concurrence Due Date:
WDFW Concurrence Review Completed:
Comments Due Date: 1-18-19
Decision Due Date: 2-3-19
FP Forester: Scott
Shutdown Zone: 858
RMAP #: —

FPA/N CLASSIFICATION: 0 II 0 III IVG 0 IVS

Biomass [ ] FFP [ ] 20-acre exempt [ ]

Landowner Name: Lefferman

Project Name:

WRIA: Skykomish

WAU: Skykomish_River

WRIA: —

WAU: —

WRIA: —

WAU: —

Legal Description: NE/SW 1/2 37-9E

County: —

Activity Type: Harvest 39 ac Spray — ac Crossing(s)
Road Road Rock Pit — ac
Construction ft Abandonment ft Spoils — cy

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

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

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

ASSOCIATED SCANNED DOCUMENTS
[ ] Conversion Plan
[ ] 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

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.

1. Landowner, Timber Owner and Operator

<table>
<thead>
<tr>
<th>Legal Name of LANDOWNER</th>
<th>Legal Name of TIMBER OWNER</th>
<th>Legal Name of OPERATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>KC Lettermann</td>
<td>Same as Landowner</td>
<td>Bowman Logging Inc.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address:</th>
<th>Mailing Address:</th>
<th>Mailing Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.O. Box 126</td>
<td>P.O. Box 388</td>
<td>APO Box 81400</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City, State, Zip:</th>
<th>City, State, Zip:</th>
<th>City, State, Zip:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold Bar, WA 98251</td>
<td>Monroe, WA 98272</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phone:</th>
<th>Phone:</th>
<th>Phone:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(425) 418-9824</td>
<td>(360) 794-8960</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Email:</th>
<th>Email:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:skylandranch2611@gmail.com">skylandranch2611@gmail.com</a></td>
<td><a href="mailto:bowmanlogging@yahoo.com">bowmanlogging@yahoo.com</a></td>
<td></td>
</tr>
</tbody>
</table>

2. Contact Person

<table>
<thead>
<tr>
<th>Contact Person:</th>
<th>Phone:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travis Miranda</td>
<td>(360) 631-7606</td>
<td><a href="mailto:roots.forestry@gmail.com">roots.forestry@gmail.com</a></td>
</tr>
</tbody>
</table>

3. Are you converting the land to non-forestry use within 3 years of harvest?
   □ No  □ Yes  If yes, include your SEPA checklist and SEPA determination (if applicable) and county clearing and grading permit (if applicable).

4. a. If you are harvesting timber, enter the Forest Tax Number of the Timber Owner:
   800044302
   Contact the Department of Revenue at 1-800-548-8829 for tax reporting information or to obtain a number.

   b. Are you eligible for EARR Tax Credit?  □ No  □ Yes

5. Are you a small forest landowner per RCW 76.09.450? See instructions
   □ No  □ Yes  If yes, Check all that apply. If no, skip to Question 6.
   □ My entire proposed harvest area is on a single contiguous ownership consisting of one or more parcels.
☐ My proposed forest practices activities are within an area covered by an approved Forest Stewardship Plan or Forest Management Plan developed in cooperation with DNR.

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

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

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

6. Are you substituting prescriptions from an approved state or federal conservation agreement or Watershed Analysis?

☒ No ☐ Yes Write ‘HCP’ or ‘Using Prescriptions’ in tables that apply. Attach or reference prescriptions and/or crosswalks for approved state or federal conservation agreements or Watershed Analysis on file at the Region office.

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Township</th>
<th>Range</th>
<th>E/W</th>
<th>Tax Parcel Number</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>27</td>
<td>09</td>
<td>E</td>
<td>27090900300100</td>
<td>Snohomish</td>
</tr>
<tr>
<td>9</td>
<td>27</td>
<td>09</td>
<td>E</td>
<td>270909001000500</td>
<td>Snohomish</td>
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<td>27</td>
<td>09</td>
<td>E</td>
<td>27090900201200</td>
<td>Snohomish</td>
</tr>
</tbody>
</table>

8. Have you reviewed this forest practices activity area to determine whether it may involve historic sites and/or Native American cultural resources? Read the instructions before answering this question.

☒ No ☐ Yes If you made any contacts, please provide information in Question 28.

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

10. Are there potentially unstable slopes or landforms in or around the area of your forest practices activity?

☒ No ☐ Yes If yes, attach Appendix D. Slope Stability Informational Form and map of areas reviewed for and locations of unstable slopes and landforms found. If applicable, attach a geotechnical letter, memo, or report, Watershed Analysis prescriptions, and/or a SEPA Environmental Checklist.

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

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

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

f.  □ No  □ Yes Within 500 feet of a public park? Park name: ____________________________________________

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

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

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

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

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

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

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

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

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

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

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

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

14. If installing, replacing, removing, or maintaining structures in or over any typed Water, complete the table below. Provide crossing locations and identifiers on your Activity Map. Provide plan details in Question 28 or attach plan to the FPA/N. Type S and F Waters require detailed plan information. Complex hydraulic projects in Type N Waters may also be required per WAC 222-24-042(2). See instructions for detailed plan requirements.

2816779
<table>
<thead>
<tr>
<th>Crossing Identifier (letter, number)</th>
<th>Water Type (S, F, Ns)</th>
<th>*Existing HPA Number (if applicable)</th>
<th>HPA Expiration Date (if applicable)</th>
<th>Planned Activity (install, replace, remove, temporary, structure maintenance)</th>
<th>Structure (bridge, ford/equipment crossing**, puncheon/fill, arch, pipe arch, round culvert, other)</th>
<th>Proposed Size (width x length)</th>
<th>Culvert Design Method (no-slope, stream-sim, hydraulic, other) (F and S only)</th>
<th>Channel Bed Width (F and S only)</th>
<th>Stream Gradient (F and S only)</th>
<th>Is this an RMAP Project?</th>
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</table>

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

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

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

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

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

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

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

<table>
<thead>
<tr>
<th>Road Identifier (name, number)</th>
<th>Road Construction</th>
<th>Road Abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Length (feet)</td>
<td>Steepest Side-slope (%)</td>
</tr>
<tr>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Spill 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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</tbody>
</table>

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

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

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

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

<table>
<thead>
<tr>
<th>Unit Number</th>
<th>Harvest Type (Even-aged, Uneven-aged, Salvage, Right-of-Way)</th>
<th>Biomass Harvest (Y/N)</th>
<th>Harvest Method (rubber tired skidder, tracked skidder, dozer, shovel, full suspension cable, leading end suspension cable, helicopter, cable assist/tethered logging, animal, chipper, forwarder, slash bundler)</th>
<th>Acres to be Harvested</th>
<th>Volume to be Harvested (mbf)</th>
<th>Biomass Volume to be Harvested (tonnage)</th>
<th>Volume to be Harvested (%)</th>
<th>Steepest Slope in Harvest Unit (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Even-aged</td>
<td>N</td>
<td>Shovel, Tracked skidder, Feller Buncher</td>
<td>39</td>
<td>350</td>
<td>0</td>
<td>90</td>
<td>6</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>
20. Reforestation. Check all that apply:

☒ Planting. Tree Species: WRC, DF, Red Alder
☐ Natural. Include a Natural Regeneration Plan
☐ Not required because of one or more of the following:
  ☐ I am converting some or all of this land to non-forest land in the next 3 years or lands are exempted under WAC 222-34-050.
  ☐ Individual dead, dying, down, or wind-thrown trees will be salvaged.
  ☐ Trees are removed under a thinning program reasonably expected to maximize the long-term productivity of commercial timber.
  ☐ I am leaving at least 100 vigorous, undamaged, and well-distributed saplings or merchantable trees per acre.
  ☐ An average of 190 tree seedlings per acre are established on the harvest area and my harvest will not damage them.
  ☐ Road right-of-way or rock pit development harvest only.

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

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

☒ No       Skip to Question 25.
☐ Yes      Continue to Question 22. See instructions for qualifications and information.

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

☐ a. ALL of the following apply to me and my land: (If no, answer b.)
  • Between June 5, 2006 and today's date I have always owned less than 80 acres of forest land in Washington.
  • Between June 5, 2006 and today's date this parcel has always been 20 acres or less of contiguous ownership. See RCW 76.09.020 for definition of 'contiguous'.
  • Between June 5, 2006 and today's date this parcel has always been owned by me or someone else that has owned less than 80 acres of forest land in Washington.

b. ONE OR MORE of the following apply to me and/or my land (check all that apply):
   If any of the statements below apply AND you use the exempt 20-acre parcel RMZ rule, you are NOT authorized under the State's Incidental Take Permits (see explanation in FPA instructions under Question 22).

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

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

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

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

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

☑ No   Skip to Question 27.

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

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

<table>
<thead>
<tr>
<th>Stream Segment Identifier (letter)</th>
<th>Water Type (S, F)</th>
<th>Site Class (I - V)</th>
<th>Stream Width (feet)</th>
<th>Is there a CMZ? (Y or N)</th>
<th>RMZ Harvest Code(s) (see instructions)</th>
<th>DFC Run Number</th>
<th>Total width of RMZ (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>S</td>
<td>II</td>
<td>300</td>
<td>Y</td>
<td>B, L</td>
<td></td>
<td>370</td>
</tr>
</tbody>
</table>

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

| Stream Segment Identifier (letter) | Total Stream Length in Harvest Unit (feet) | Length of No-Harvest, 50-foot Buffers in Harvest Unit (feet) | Stream Segment Identifier (letter) | Total Stream Length in Harvest Unit (feet) | Length of No-Harvest, 50-foot Buffers in Harvest Unit (feet) |
27. How are the following currently marked on the ground? *(Flagging color, paint color, road, fence, etc.)*

Harvest/Salvage Boundaries: **Existing roads, Orange flagging**

Clumped Wildlife Reserve Trees/Green Recruitment Trees: **Scattered**

Right-of-Way Limits/Road Centerlines:  

Stream Crossing Work:  

Riparian Management Zone Boundaries and Leave/Take Trees: **Pink flagging. Outer Zone Leave Trees within CMZ.**

Channel Migration Zone:  

Wetland Management Zone Boundaries and Leave/Take Trees:  

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

An erosion hazard area (EHA) has been identified on the Skykomish River bank along the east side of the proposal area. Aerial imagery from 2003 and 2017 was used to determine the annual rate of erosion. We established a control point that appears on both images, then identified four control points along the eroding bank from which to measure erosion. All measurements were taken perpendicular to the bank. We took four sets of measurements from both images to find an average erosion rate for the 14-year time period. Our calculated rate of bank erosion is 4 ft/yr. We have determined that 50 years is an appropriate amount of time to grow functional-size wood, in accordance with the Forest Practice Board Manual Section 2. The resultant EHA width is 200'. A site class II RMZ has been applied on top of the EHA, yielding a total RMZ width of 370' along the entire length of the proposal area adjacent to the Skykomish River. No harvest will be conducted within the inner zone, and the outer zone leave tree requirements are satisfied by trees contained within the EHA.

There is a no-cut leave area on a historic road departing from highway 2 and entering the property. This area is marked on the ground with pink flagging, and shown on the FP map. No ground disturbance activities will be conducted in this area. All trees near the historic road will be felled away from the area.
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/Forcs 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* (If different than landowner)</th>
<th>Signature of OPERATOR (If different than landowner)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KC Letterman</td>
<td></td>
<td>DOBOWMEN</td>
</tr>
<tr>
<td>Print Name:</td>
<td></td>
<td>Print Name: DAN Bowman</td>
</tr>
<tr>
<td>KC letterman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date: 6/29/18</td>
<td></td>
<td>Date: 6/29/18</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 E. CMZ Assessment Form

Section 9, Township 27, Range 09 E

Complete and attach this informational form to your FPA/N if you answered ‘Yes’ to FPA Question 11]. 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 Forest Practices Board Manual 2 are optional).

Applicant Office Review:

   ☐ Other (describe):

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

Date of field review: Nov. 2018

Person(s) that conducted field review: 

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travis Miranda</td>
<td>Forester</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/position</th>
</tr>
</thead>
</table>

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

6. What was the distance of channel walked? What was the length of CMZ boundary delineated?
   1300’ of EHA adjacent to the proposed harvest area has been delineated.

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.):

An erosion hazard area (EHA) has been identified on the Skykomish River bank along the east side of the proposal area using aerial imagery from 2003, 2009, 2012, and 2017. Aerial imagery from 2003 and 2017 was used to determine the annual rate of erosion. We established a control point that appears on both images, then identified four control points along the eroding bank from which to measure erosion. All measurements were taken perpendicular to the bank. We took four sets of measurements from both images to find an average erosion rate for the 14-year time period. Our calculated rate of bank erosion is 4 ft/yr. We have determined that 50 years is an appropriate amount of time to grow functional-size wood, in accordance with the Forest Practice Board Manual Section 2. The resultant EHA width is 200’. A site class II RMZ has been applied on top of the EHA, yielding a total RMZ width of 370’ along the entire length of the proposal area adjacent to the Skykomish River. See attached erosion rate calculations for additional information.

Revised 10/1/2018

2816779
<table>
<thead>
<tr>
<th>Year</th>
<th>Point 1 (ft)</th>
<th>Point 2 (ft)</th>
<th>Point 3 (ft)</th>
<th>Point 4 (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>1741</td>
<td>1843</td>
<td>1843</td>
<td>1830</td>
</tr>
<tr>
<td>2009</td>
<td>1766</td>
<td>1843</td>
<td>1856</td>
<td>1843</td>
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<tr>
<td>2012</td>
<td>1766</td>
<td>1856</td>
<td>1856</td>
<td>1856</td>
</tr>
<tr>
<td>2017</td>
<td>1779</td>
<td>1894</td>
<td>1907</td>
<td>1894</td>
</tr>
<tr>
<td>Change (ft)</td>
<td>38</td>
<td>51</td>
<td>64</td>
<td>64</td>
</tr>
<tr>
<td>14 yr rate (ft/yr)</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Avg rate</td>
<td>4 ft/yr</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 yr EHA</td>
<td>200'</td>
<td></td>
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<td></td>
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</tbody>
</table>
Forest Practices Application/Notification
Notice of Decision

Decision
[ ] Notification  Operations shall not begin before the effective date.
[ ] Approved    This Forest Practices Application is subject to the conditions listed below.
[ ] Disapproved This Forest Practices Application is disapproved for the reasons listed below.
[x] 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
This application has been withdrawn by the applicant. See attached e-mail dated 1-31-19.

Issued By: ________________________________  Steven Huang  ____________________
Title: ________________________________  Skykomish Forest Practice Forester  ____________________
Region: ________________________________  Northwest  ____________________
Date: ________________________________  1/31/2019  ____________________
Copies to: [x] Landowner, Timber Owner and Operator.
Issued in person:  [ ] Landowner [ ] Timber Owner [ ] Operator By: ________________________________
Appeal Information

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

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

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

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

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

Department Of Natural Resources
Northwest Region
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 2/1/19, I placed in the United States mail at Sedro-Woolley, WA, postage paid, a true and accurate copy of this document. Notice of Decision FPA # 2816779

L Utgard

(Date)

(Post office location)

(Printed name)

(Signature)
Hello Linda,

I would like to withdraw FPA 2816779 in Snohomish county.

Please let me know if you need any further information from me.

Thanks,

Finnegan Hopper
Forester
Roots Forestry Consulting, LLC
(360) 920-7975
finn.roots.forestry@gmail.com