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

<table>
<thead>
<tr>
<th>FPAN Classification</th>
<th>Biomass</th>
<th>FFFPP</th>
<th>20-acre exempt</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] [ ] [ ] [ ] [ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Landowner Name</th>
<th>Project Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPI</td>
<td>Pits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WRIA</th>
<th>WAU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sproshniash</td>
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</table>

<table>
<thead>
<tr>
<th>Legal Description</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>1988 SE; 18,19,20,27 SE</td>
<td>Sproshniash</td>
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<table>
<thead>
<tr>
<th>Activity Type</th>
<th>Harvest</th>
<th>Spray</th>
<th>Road</th>
<th>Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>ac</td>
<td></td>
<td>ac</td>
<td></td>
<td>1804 ft</td>
</tr>
<tr>
<td>Stream Crossing(s)</td>
<td></td>
<td></td>
<td></td>
<td>Abandonment</td>
</tr>
<tr>
<td>Rock Pit</td>
<td></td>
<td></td>
<td></td>
<td>Spills</td>
</tr>
<tr>
<td>ac</td>
<td></td>
<td></td>
<td></td>
<td>cy</td>
</tr>
</tbody>
</table>

**ALTERNATIVE PRESCRIPTIONS**

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

**RESOURCE REVIEW**

- [ ] Unstable Slopes (Risk: Highway, Water,) SLPSTAB
- [ ] SLIPSTAB
- [ ] Landslide Hazard Zonation
- [ ] Landslide Inventory Polygon
- [ ] Rain-on-Snow and Outside Approved WA
- [ ] Hydric Soils
- [ ] Wetland or Forested, N.A. [ ] B
- [ ] WMA or B Wetland
- [ ] On RMZ/ELZ of Type [ ] S, [ ] T, [ ] N water
- [ ] Water Verification

**ASSOCIATED NON-SCANNED DOCUMENTS**  
- On file with the FPAN 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
- [ ] FMBSA Murrelet Permit
- [ ] FPBMA Appendix(s)
- [ ] Small Landowner RMAP Checklist
- [ ] CMZ Assessment Form

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

**ADDITIONAL COMMENTS**

---

Form completed by **F.D.**  
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) same as L/O</th>
<th>Legal Name of OPERATOR (if different than Landowner) same as L/O</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sierra Pacific Industries</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address:</th>
<th>Mailing Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>14353 McFarland Road</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City, State, Zip</th>
<th>City, State, Zip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mount Vernon, WA 98273</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phone (360)</th>
<th>Phone ( )</th>
</tr>
</thead>
<tbody>
<tr>
<td>957-0465</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Email:</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:jmisenar@spi-ind.com">jmisenar@spi-ind.com</a></td>
<td><a href="mailto:jmisenar@spi-ind.com">jmisenar@spi-ind.com</a></td>
</tr>
</tbody>
</table>

2. **Contact Person**

Contact Person: Josh Misenar

<table>
<thead>
<tr>
<th>Phone (360)</th>
<th>Email:</th>
</tr>
</thead>
<tbody>
<tr>
<td>957-0465</td>
<td><a href="mailto:jmisenar@spi-ind.com">jmisenar@spi-ind.com</a></td>
</tr>
</tbody>
</table>

3. **Landownership information: See instructions**

   **RECEIVED NW REGION SEP 13 2018**

   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:**

   800 059 489

   *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.
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>18,19,20</td>
<td>28N</td>
<td>9</td>
<td>E</td>
<td></td>
<td>Snohomish</td>
</tr>
<tr>
<td>13</td>
<td>28N</td>
<td>8</td>
<td>E</td>
<td></td>
<td>Snohomish</td>
</tr>
</tbody>
</table>

7. When are you planning to begin work on the proposed activity? Fall 2018

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

10. Do you have a DNR approved Road Maintenance and Abandonment Plan (RMAP)?

   a. ☐ No  ☒ Yes  List the RMAP number: 280056L

      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: Wallace Falls State Park

   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 typical 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 type 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 FPAN. 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, F, N, F)</th>
<th>Existing HPA Number (if applicable)</th>
<th>HPA Expiration Date (if applicable)</th>
<th>Planned Activity (installation, replacement, removal, maintenance)</th>
<th>Structure (culvert, bridge, ford, etc.)</th>
<th>Proposed Size (dimensions of structure)</th>
<th>Culvert Design Method (No-slope, Streamline, Hydraulic, Others)</th>
<th>Channel Bed Width (ft) (S and F only)</th>
<th>Stream Gradient (%) (S and F only)</th>
<th>RMAP Project (Y or N)</th>
<th>FFPP Project (Y or N)</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

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

** Fords and 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 Species' following Question 24 of the FPAN Instructions.
17. If conducting any of the following activities in or over type S 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 Na Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment Crossing**</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Suspending Cables</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Cable Yarding</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>LWD Placement/Removal</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Beaver Dam Removal</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Felling and Bucking</td>
<td></td>
<td>X</td>
<td>X</td>
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<tr>
<td>Other (describe in Question 31)</td>
<td></td>
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<td></td>
<td></td>
</tr>
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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 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>See Attached</td>
<td></td>
</tr>
</tbody>
</table>

19. If depositing spoil 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>SP-1</td>
<td>None Expected</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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>See Attached</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

****** If not harvesting or salvaging timber, skip to Question 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 (%)</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 (cubic ft)</th>
<th>Volume to be Harvested (board ft)</th>
<th>Volume to be Harvested (%)</th>
<th>Slope Percent in Harvest Unit (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>See Attached</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

☐ Planting. Tree Species: DF, WH
☐ 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 222-34-060.
☐ 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.

6/1/2016 Page 5 of 8 Western Washington 2816638
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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</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>B</td>
<td>F</td>
<td>III</td>
<td>12'</td>
<td>N</td>
<td>B, M</td>
<td>N/A</td>
<td>140</td>
</tr>
<tr>
<td>D</td>
<td>F</td>
<td>III</td>
<td>8'</td>
<td>N</td>
<td>B, M</td>
<td>N/A</td>
<td>140</td>
</tr>
<tr>
<td>R</td>
<td>F</td>
<td>V</td>
<td>15'</td>
<td>Y</td>
<td>B, M</td>
<td>N/A</td>
<td>90</td>
</tr>
</tbody>
</table>
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>A</td>
<td>1,208</td>
<td>506</td>
</tr>
<tr>
<td>C</td>
<td>338</td>
<td>238</td>
</tr>
<tr>
<td>D</td>
<td>1,093</td>
<td>749</td>
</tr>
<tr>
<td>N</td>
<td>319</td>
<td>319</td>
</tr>
</tbody>
</table>

| Stream Segment Identifier (letter) | Total Stream Length in Harvest Unit (feet) | Length of No-Harvest, 50-foot Buffers in Harvest Unit (feet) |

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

- Harvest Boundaries: Pink 'Timber Harvest Boundary' flagging and timber type boundaries
- Clumped Wildlife Reserve Trees/Green Recruitment Trees: In RLAR/MRMZ/UNSX and flagged out with Pink THB
- Right-of-way limits/road centerlines: CL marked with orange and blue flagging
- Stream Crossing Work: none
- Riparian Management Zone Boundaries and Leave/Take Trees: Pink THB
- Channel Migration Zone: Pink THB
- Wetland Management Zone Boundaries and Leave/Take Trees: Pink THB

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.

FPA "Pits"
- Stream typing was determined by field review in September, 2018, referencing RMAP records, and evaluation of previous FPA activities involving these streams.
- All streams walked to top of channel
- Equipment crossings at streams will utilize logs/slash to minimize soil disturbance. Materials will be pulled upon completion of harvest.
- Cable yarding that will occur through yarding corridors in the riparian buffer for Unit 5 will be full suspension. Efforts will be made to minimize the amount of corridors necessary through the riparian buffer.
- Cables may be suspended over Type-F water, though nothing will be yanked over or above Type-F waters with the exception of the yarding described above for Unit 5.
- Wetland "WL-3" was addressed in FPA 2813324 previously. That FPA stated "Wetland E is a small open body of water that goes dry in summer. Visual assessment by Steven Huang and Brett Shattuck (Tuleip Tribes) on 7/12/2013 concur that this is non fish habitat, with only a periodic outflow and no inflow. Variable width buffer has been applied to this wetland, which will meet average 50 ft. requirement." New Wetland buffers placed on this wetland in 2018 also meet the average 50 ft. buffer requirement.
- Streams "S" & "T" were both field reviewed and had been typed as Ns under two previous FPAs that addressed these streams downstream of this unit; FPA 2812285 & FPA 2815069.
- Streams "L" & "M" were both field reviewed and had been typed as Ns under a previous FPA that addressed these streams downstream of this unit; FPA 2806948. Upstream segments of these streams were typed as Ns under FPA 2813808.
- Stream "T" was field reviewed and had been typed as Ns under a previous FPA that addressed this stream downstream of this unit; FPA 2813312.
- Regarding Streams "B" and "C", a Protocol Survey and notes from a field review for these streams is attached from FPA 2813531. There was no concurrence that the End of Fish location identified in the protocol survey was correct, and so I did not use that location as the End of Fish for these RMZ’s. Instead I used the suggested location that representatives of the Tulalip Tribe gave as the location for EOF and used physicals to determine typing above that. FPA 2813538 typed stream "C" as Np as well.
- Water Type Inspection Form 070071 is attached and shows the Protocol Survey used for typing streams "D" & "E". This was also included with a previous FPA 2805456.
- WTMF NW-07-18-0025 addresses the typing for Streams "A", "T", and "J".

6/1/2016 Western Washington
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 70.09.150

<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]</td>
<td>[Signature]</td>
<td>[Signature]</td>
</tr>
<tr>
<td>Print Name: Josh Misner</td>
<td>Print Name:</td>
<td>Print Name:</td>
</tr>
<tr>
<td>Date: 9/12/2018</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.
Question 18: If constructing or abandoning forest roads, complete the table below. Show the road locations and identifiers on the Activities Maps. Include abandonment plans for temporary roads and abandonment projects.

<table>
<thead>
<tr>
<th>Road Identifier</th>
<th>Road Construction</th>
<th>Road Abandonment</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name, Number)</td>
<td>Length (feet)</td>
<td>Steepest Side-Slope (%)</td>
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<tr>
<td>A</td>
<td>170</td>
<td>50</td>
</tr>
<tr>
<td>B</td>
<td>160</td>
<td>30</td>
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<tr>
<td>C</td>
<td>126</td>
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<td>D</td>
<td>183</td>
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<td>E</td>
<td>617</td>
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<td>F</td>
<td>403</td>
<td>70</td>
</tr>
<tr>
<td>G</td>
<td>145</td>
<td>60</td>
</tr>
<tr>
<td>Wetland Identifier (Number, Letter)</td>
<td>Wetland Type (A, B, or Forested)</td>
<td>Planned Activities in Wetland</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>----------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>FW-1</td>
<td>Forested</td>
<td>Timber Harvest</td>
</tr>
<tr>
<td>FW-2</td>
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<td>Timber Harvest</td>
</tr>
<tr>
<td>WL-1</td>
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</tr>
<tr>
<td>WL-2</td>
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<td>None</td>
</tr>
<tr>
<td>WL-3</td>
<td>A</td>
<td>None</td>
</tr>
<tr>
<td>Unit Number</td>
<td>Harvest Type (Even-aged, Uneven-aged, Salvage, Right-of-Way)</td>
<td>Biomass Harvest (Y/N)</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------------------------------------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>1</td>
<td>Even-aged</td>
<td>N</td>
</tr>
<tr>
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<tr>
<td>3</td>
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<tr>
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<tr>
<td>5</td>
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<td>N</td>
</tr>
<tr>
<td>6</td>
<td>Even-aged</td>
<td>N</td>
</tr>
</tbody>
</table>
Appendix E. CMZ Assessment Form

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: X GIS X Aerial Photo Years: 2009, '11, '13, '17 X LiDAR X 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: September 11, 2018

6. Person(s) that conducted field review: Josh Misener
   Name
   District Forester
   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 2,050 feet of the Stream "R" to determine extent of the Channel Migration Zone that was suggested by LiDAR, and field review. 215 feet of CMZ was delineated in the unit "Pits5" by harvest flagging being marked off the outer channels on either side. The CMZ extends off our property as well, but was not delineated at that point.

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 found evidence of multiple channels in the area shown on the map near unit "Pits5" by looking at LiDAR imagery and field verification. I followed the obvious outer channel banks or channels on either side of this feature and extended harvest flagging off of these outer banks. I verified that no additional shallow feature, or lower elevation draws, or ancient stream beds existed beyond these outer banks to ensure the full CMZ was being accounted for.

6/1/2016

1 2816638
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):
   - Field Review

2. Were there any features identified using the screening tools in #1 that did not exist in the field? If yes, describe:
   (IF APPLICABLE): DNR Landslide Inventory polygons do not overlap proposed harvest and/or road construction areas. No RILs were identified in the field in these locations inside the proposal area.

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 berds
   - ☐ Other (Deep-seated landslides or other features of potentially unstable slopes). Describe:
     All RILs are excluded from the proposed harvest and road construction area.

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 berds
   - ☒ Other (Deep-seated landslides or other features of potentially unstable slopes). Describe:
     Scars

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 8/1/2016 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:
   Timber harvest boundary flagging was hung at the point where slope break is greater than 70% into a stream with a depth greater than or equal to 10 feet.

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 threats to public safety were identified with respect to proposed work within the forest practices activity area. See attached Slope Stability map for approximate locations of any known off-site infrastructure.

7. Date of field review: September 11, 2018
   Person(s) that conducted field review: ____________________________    ____________________________
   Name                                              District 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 A. Water Type Classification Worksheet

## Western Washington

### Stream/Segment ID: A

**Date(s) Observed:** August 31, 2018

1. **Did you determine fish use as described in the Forest Practices Board Manual Section 13? Or, does the stream have waiver characteristics? [See WAC 222-16-031(3)(b)(i)]**

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |
| Yes. Meets waiver criteria. Continue to 6. |     |    |

### Stream/Segment ID: J

**Date(s) Observed:** August 31, 2018

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

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

### Stream/Segment ID: F

**Date(s) Observed:** August 31, 2018

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

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

4. **Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient less than or equal to 16%?**

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

5. **Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient between 16% and 20%? AND, is the contributing basin to the stream greater than 50 acres?**

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

6. **Does the stream segment contain water at all times during a normal rainfall year?**

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

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

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

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

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

9. **Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).**

| Option                                      | Yes | No
|---------------------------------------------|-----|----
| Fish found. Type F water. Stop.             |     |    |
| No. Continue                               |     |    |

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Appendix A. Water Type Classification Worksheet
Western Washington

Stream/Segment ID: B
Date(s) Observed: August 31, 2018

1. Did you determine fish use as described in the Forest Practices Board Manual Section 13? Or, does the stream have waiver characteristics? [See WAC 222-16-031(3)(b)(iii)]

☐ No. Continue
☐ Yes. Attach documentation or approved WTMF number: NW-07-13-2016 (withdrawn)
   Fish found.
   Type F water. Stop.
   No fish. Continue.
   Yes. Meets waiver criteria. Continue to 6.

Stream/Segment ID: C
Date(s) Observed: August 31, 2018

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

☐ No. Continue
☐ Yes. Type F water. Stop.
   No. Continue.

Stream/Segment ID: G.K
Date(s) Observed: August 31, 2018

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

☐ No. Continue
☐ Yes. Type F water. Stop.
   No. Continue.

4. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient less than or equal to 16%?

☐ No. Continue
☐ Yes. Type F water. Stop.
   No. Continue.

5. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient between 16% and 20%? AND, is the contributing basin to the stream greater than 50 acres?

☐ No. Continue
☐ Yes. Type F water. Stop.
   No. Continue.

6. Does the stream segment contain water at all times during a normal rainfall year?

☐ No. Continue
☐ Yes. Type Np water. Go to 9.
   No. Continue.

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

☐ No. Continue
☐ Yes. Type Np water. Go to 9.
   No. Continue.

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

☐ No. non-typed water.
☐ Yes. Type Ns water.
   No. non-typed water.

9. Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).

Stream/Segment ID: All segments  Description: Determined by field review and RMAP/FPA records

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Appendix A. Water Type Classification Worksheet
Western Washington

Stream/Segment ID: D
Date(s) Observed: August 31, 2018

Stream/Segment ID: E
Date(s) Observed: August 31, 2018

Stream/Segment ID: H
Date(s) Observed: August 31, 2018

1. Did you determine fish use as described in the Forest Practices Board Manual Section 13? Or, does the stream have waiver characteristics? [See WAC 222-16-031(3)(b)(ii)]
   □ No. Continue
   ■ Yes. Attach documentation or approved WTMF number: WTMF # 070071 (attached)
      ■ Fish found. Type F water. Stop.
      □ No fish. Continue.
   □ Yes. Meets waiver criteria. Continue to 6.

   □ No. Continue
   ■ Yes. Attach documentation or approved WTMF number: WTMF # 070071 (attached)
      ■ Fish found. Type F water. Stop.
      □ No fish. Continue.
   □ Yes. Meets waiver criteria. Continue to 6.

   □ No. Continue
   ■ Yes. Attach documentation or approved WTMF number:
      □ Fish found. Type F water. Stop.
      □ No fish. Continue.
   □ Yes. Meets waiver criteria. Continue to 6.

2. Were fish observed or are fish known to use the stream any time of the year?
   □ Yes. Type F water. Stop.
   □ No. Continue.

3. Is there an impoundment (ponded water) upstream of the assessed segment that is greater than 0.5 acres?
   □ Yes. Type F water. Stop.
   □ No. Continue.

4. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient less than or equal to 16%?
   □ Yes. Type F water. Stop.
   □ No. Continue.

5. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient between 16% and 20%? AND, is the contributing basin to the stream greater than 50 acres?
   □ Yes. Type F water. Stop.
   □ No. Continue.

6. Does the stream segment contain water at all times during a normal rainfall year?
   □ Yes. Type Np water. Go to 9.
   □ No. Continue.

7. Is the stream segment downstream of a perennial source of water?
   □ Yes. Type Np water. Go to 9.
   □ No. Continue.

8. Is the stream Is the stream physically connected by an above-ground channel to Type S, F, or Np water?
   □ Yes, Type Ns water.
   □ No, non-typed water.

   □ Yes, Type Ns water.
   □ No, non-typed water.

   □ Yes, Type Ns water.
   □ No, non-typed water.

9. Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).
Stream/Segment ID: All segments Description: Determined by field review and RMAP/FPA records

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2 8 1 6 6 3 8
Appendix A. Water Type Classification Worksheet
Western Washington

Stream/Segment ID: R
Date(s) Observed: August 31, 2018

1. Did you determine fish use as described in the Forest Practices Board Manual Section 13? Or, does the stream have waiver characteristics? [See WAC 222-16-031(3)(b)(ii)]

☐ No. Continue
☐ Yes. Attach documentation or approved WTMF number:
  ☐ Fish found. Type F water. Stop.
  ☐ No fish. Continue.
  ☐ Yes. Meets waiver criteria. Continue to 6.

Stream/Segment ID: N
Date(s) Observed: August 31, 18

☐ No. Continue
☐ Yes. Attach documentation or approved WTMF number:
  ☐ Fish found. Type F water. Stop.
  ☐ No fish. Continue.
  ☐ Yes. Meets waiver criteria. Continue to 6.

Stream/Segment ID: L, M, O, P, Q
Date(s) Observed: August 31, 2018

☐ No. Continue
☐ Yes. Attach documentation or approved WTMF number:
  ☐ Fish found. Type F water. Stop.
  ☐ No fish. Continue.
  ☐ Yes. Meets waiver criteria. Continue to 6.

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

☐ No. Continue.
☐ Yes. Type F water. Stop.

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

☐ No. Continue.
☐ Yes. Type F water. Stop.

4. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient less than or equal to 16%?

☐ No. Continue.
☐ Yes. Type F water. Stop.

5. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient between 16% and 20%? AND, is the contributing basin to the stream greater than 50 acres?

☐ No. Continue.
☐ Yes. Type F water. Stop.

6. Does the stream segment contain water at all times during a normal rainfall year?

☐ No. Continue.
☐ Yes. Type Np water. Go to 9.

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

☐ No. Continue.
☐ Yes. Type Np water. Go to 9.

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

☐ No, non-typed water.
☐ Yes, Type Ns water.

9. Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).

Stream/Segment ID: All segments
Description: Determined by field review and RMAP/FPA records

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Appendix A. Water Type Classification Worksheet
Western Washington

Stream/Segment ID: S.T.U
Date(s) Observed: August 31, 2018

1. Did you determine fish use as described in the Forest Practices Board Manual Section 137 Or, does the stream have waiver characteristics? [See WAC 222-16-031(3)(b)(ii)]
   - [ ] No. Continue
   - [ ] Yes. Attach documentation or approved WTMF number:
     - [ ] Fish found. Type F water. Stop.
     - [ ] No fish. Continue.
     - [ ] Yes. Meets waiver criteria. Continue to 6.

2. Were fish observed or are fish known to use the stream any time of the year?
   - [ ] Yes. Type F water. Stop.
   - [ ] No. Continue.

3. Is there an impoundment (ponded water) upstream of the assessed segment that is greater than 0.5 acres?
   - [ ] Yes. Type F water. Stop.
   - [ ] No. Continue.

4. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient less than or equal to 16%?
   - [ ] Yes. Type F water. Stop.
   - [ ] No. Continue.

5. Are there segments within or upstream of the assessed portion of the stream where the average bankfull width is three feet or greater? AND, is the average stream gradient between 16% and 20%? AND, is the contributing basin to the stream greater than 50 acres?
   - [ ] Yes. Type F water. Stop.
   - [ ] No. Continue.

6. Does the stream segment contain water at all times during a normal rainfall year?
   - [ ] Yes. Type Np water. Go to 9.
   - [ ] No. Continue.

7. Is the stream segment downstream of a perennial source of water?
   - [ ] Yes. Type Np water. Go to 9.
   - [ ] No. Continue.

8. Is the stream Is the stream physically connected by an above-ground channel to Type S, F, or Np water?
   - [ ] Yes, Type Ns water.
   - [ ] No, non-typed water.

9. Describe how you determined the uppermost point of perennial flow. Include a description of its location and show the point on a map (Use a separate piece of paper if necessary).
   Stream/Segment ID: All segments  Description: Determined by field review and RMAP/FPA records

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**WATER TYPE INSPECTION FORM**

**LOCATION OF WATER TYPE INSPECTION:**

- Begins Sec. 19 Twp. 28N Rge. 09 @W
- Ends Sec. 19 Twp. 28N Rge. 09 @W

**NAME OF WATER**

- Pecora Creek

**WAD/WRIA (optional)**

- Snohomish

**WHAT ARE THE REASON(S) FOR THE DECISION?**

- [X] Physical Characteristics
- [ ] Presence of Fish
- [ ] Water Quality

**EVALUATION METHOD(S) AND RESULTS (required)**

- Electroshocking surveys were conducted March 2, 2000. Resident trout detected in fish-bearing segments. Steep stream gradients (20%) and falls limit fish distribution. Np and Ns segments lack habitat necessary to support fish.

**SPONSOR/INITIATOR NAME**

- Blake Murdoch

**ORGANIZATION**

- Port Blakely Tree Farms

**PHONE NUMBER**

- 360 570 7127

**DATE MAILED FOR CONCURRENCE:**

- 9/1/02

**LIST THE NAME OF ANY ORGANIZATION REPRESENTATIVE(s) CONTACTED ABOUT THE PROPOSED CHANGE.**

<table>
<thead>
<tr>
<th>NAME OF REPRESENTATIVE</th>
<th>CONTACT DATE</th>
<th>CONCUR/RESOLVE DATE</th>
<th>NON-CONCUR DATE</th>
<th>NO RESPONSE (within 30 days)</th>
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<tr>
<td>DNR: Steven Huang</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>DOB: Terry Shreve</td>
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<tr>
<td>GOFM: Doug Henick</td>
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<tr>
<td>TRIES: Tilly</td>
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**LANDOWNER(S) CONTACTED:**

- 

**COUNTY(S)/CITY(S) CONTACTED:**

- 

**IF YOU BELIEVE THE PROPOSAL IS INCOMPLETE OR WOULD DISAGREE, CONTACT THE RESPONSIBLE OFFICER OR PERSON WHO INITIATED OR AUTHORIZED THE CHANGE AND RESOLVE DIFFERENCES.**

**DNR Approval:**

- Date: 
- Initials: 2816638

**WATER INSPECTION FORM (4-25-97)**

- **For Reference** for Streams "D" & "E"
### DNR Office Summary and Decision

<table>
<thead>
<tr>
<th>Name of Reviewers</th>
<th>Agree</th>
<th>Disagree</th>
<th>Date Comment Received</th>
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☐ Approve change

☒ Disapprove change

Reasons for disapproval:

Withdrawn - see attached dated 10/15/15

Signature: [Signature]

Date: 10/15/15

Proponent and reviewers notified of decision by: [Signature] on 10/15/15 (Date)

E-Mailed: 6-19-13

Form QQ 49 (05/05) revised 05/07, 4-05 2 of 2

CGI: 053013_01D_2BN08E13J
Hi Guys, I need to set up field reviews for two WTM's that the reviewers requested. Both WMTs are proposed by Mark Baugh.

1. NW07130029 Stream D need to be field reviewed – requested by Wayne Watne (before DFW change) and the Tulalip Tribes.
2. NW07130016 (Jay Lake) requested by the Tulalip Tribes. Brett, I think we may have looked at this one when we reviewed the Jay Lake FPA back in 2013?

Currently, I have September 22(Mon), either the 23 (Tue) or the 34 (Wed) – depending on which day Amy schedule the Cooperation Timber Sale bridge / cable pre-app. Review for us, 26 (Fri) and the following week open. Could everyone get back to me with their preferred date by this Friday (9/12) so I could set up the review date. thanks

Steven Huang
Forest Practice Forester
NW Region - Sedro Woolley, WA
(360)770-9806(Cell)
(360)856-3500 (Region Office)
Washington State Department of Natural Resources
Water Type Modification Form  
(For changes to the Water Type Map)

Check all that apply
- *Adding streams/lakes
- *Removing streams/lakes
- *Changing location of streams/lakes
- Changing water type based on physical characteristics
- Changing water type based on protocol survey
- Other. Describe _____________________________

<table>
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1. *Water Reference Id

2. Name of Water

3. Tributary To

4. *Legal Description (Section, Township, Range, EW) Section 13, T28N R8E

5. *County Snohomish

6. Water Type Shown on Map

7. Proposed Water Type

8. *Date of Field Visit 5/30/2013

9. *Forest Practices Application Number(s) (if applicable)

10. Change is based on the following (check all that apply).

   - [ ] Fish found  
   - [ ] No fish found  
   - [ ] Physical characteristics

   - [ ] Public water diversion  
   - [ ] Fish hatchery diversion  
   - [ ] Water feature exists, but does not meet WAC 222-16-031 definition.

11. Water levels in the survey area were:  

   - [ ] Above Normal  
   - [ ] Normal  
   - [ ] Below Normal

   Description: _____________________________

12. The water type break was determined by:  

   - [ ] Stopping at last observed fish  
   - [ ] Stopping at upper extent of fish habitat  
   - [ ] Stopping at end of harvest or property boundary  
   - [ ] Other – Describe: _____________________________

13. Are there any fish passage barriers downstream of the surveyed stream segment(s):  

   - [ ] Natural barriers  
   - [ ] Falls  
   - [ ] Cascades  
   - [ ] Bedrock chutes

   - [ ] Temporary barriers (log jams)  
   - [ ] Man-made barriers (culverts)

Fish passage barriers were identified by:  

   - [ ] Maps  
   - [ ] Field observation  
   - [ ] Other – describe: _____________________________

14. Is there evidence of mass wasting or scouring events?  

   - [ ] Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.  
   - [ ] No

*Proprietor, name and signature _____________________________

Print Name: Mark Baugh

Surveyor name: Neil V. Slifka

Organization name and address: The Campbell Group, LLC  
22723 121st Dr. NE  
Arlington, WA 98223

Telephone number: (360) 982-1246

Organization name and address: West Fork Environmental, Inc.  
530-B Ronlee Lane NW  
Olympia, Washington 98502

Telephone number: (360) 753-0485

CGI_053013_O12_28N08E13J

KL 06-13-13
**Water Type Modification Form**  
*(For changes to the Water Type Map)*

Check all that apply

- Adding streams/lakes
- Removing streams/lakes
- Changing location of streams/lakes
- Changing water type based on physical characteristics
- Changing water type based on protocol survey

**Region Reference Number – DNR Use Only**

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1. **Water Reference Id**
   - H

2. **Name of Water**

3. **Tributary To**

4. **Legal Description (Section, Township, Range, E/W)**
   - Section 13, T28N R8E

5. **County**
   - Snohomish

6. **Water Type Shown on Map**

7. **Proposed Water Type**

8. **Date of Field Visit**
   - 5/30/2013

9. **Forest Practices Application Number(s) (if applicable)**

10. **Change is based on the following (check all that apply)**
    - [ ] Fish found
    - [ ] No fish found
    - [ ] Physical characteristics

11. **Water levels in the survey area were:**
    - [ ] Above Normal
    - [ ] Normal
    - [ ] Below Normal

12. **The water type break was determined by:**
    - [ ] Stopping at last observed fish
    - [ ] Stopping at upper extent of fish habitat
    - [ ] Stopping at end of harvest or property boundary
    - [ ] Other – Describe:

13. **Are there any fish passage barriers downstream of the surveyed stream segment(s):**
    - [ ] Natural barriers
    - [ ] Falls
    - [ ] Cascades
    - [ ] Bedrock chutes
      - If yes, what is the height ______
    - [ ] Temporary barriers (log jams)
    - [ ] Man-made barriers (culverts)

14. **Fish passage barriers were identified by:**
    - [ ] Maps
    - [ ] Field observation
    - [ ] Other – describe:

15. **Is there evidence of mass wasting or scouring events?**
    - [ ] Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.
    - [ ] No

**Proposed name and signature**

- **Print Name:** Mark Baugh
- **Organization name and address:** The Campbell Group, LLC 22723 121st Dr. NE Arlington, WA 98223
- **Telephone number:** (360) 982-1246

**Surveyor name**

- **Neil V. Stifka**
- **Organization name and address:** West Fork Environmental, Inc. 530-B Ronlee Lane NW Olympia, Washington 98502
- **Telephone number:** (360) 753-0485

Form QQ 49 (05-03) revised 05-07, 4/08

1 of 2

CGI_053013.01D_28NOBE133

* 86-13-13*
Water Type Modification Form
(For changes to the Water Type Map)

Check all that apply
- Adding streams/lakes
- Removing streams/lakes
- Changing location of streams/lakes
- Changing water type based on physical characteristics
- Changing water type based on protocol survey
- Other. Describe Verification of current water type

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1. *Water Reference Id
2. Name of Water
3. Tributary To
4. *Legal Description (Section, Township, Range, E/W)
   Section 13, T28N R8E

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9. *Forest Practices Application Number(s) (if applicable)

10. Change is based on the following (check all that apply)
- Fish found
- No fish found
- Physical characteristics
- Water feature exists, but does not meet WAC 222-16-031 definition

11. Water levels in the survey area were:
- Above Normal
- [X] Normal
- Below Normal

Description:
The Washington Department of Natural Resources, in consultation with the Washington Department of Fish and Wildlife have forecast normal water conditions for the 2013 fish use survey season (March 1 to July 15).

12. The water type break was determined by:
- Stopping at last observed fish
- Stopping at upper extent of fish habitat
- Stopping at end of harvest or property boundary
- Other – Describe:

This segment lies upstream from the proposed regulatory type break, as described in form block 12 for Water Reference ID E. See the attached Protocol Survey Data Table for survey #3.

13. Are there any fish passage barriers downstream of the surveyed stream segment(s):
- [X] Natural barriers
- [X] Falls
- [X] Cascades
- [X] Bedrock chutes. If yes, what is the height
- Temporary barriers (log jams)
- Man-made barriers (culverts)

Fish passage barriers were identified by:
- [X] Maps
- [X] Field observation
- [X] Other – describe:

14. Is there evidence of mass wasting or scouring events?
- [X] Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.

*Proponent name and signature

Print Name: Mark Baugh

Organization name and address
The Campbell Group, LLC
22723 121st Dr. NE
Arlington, WA 98223

Telephone number
(360) 982-1246

Surveyor name
Neil V. Stifka

Organization name and address
West Fork Environmental, Inc.
530-B Ronlee Lane NW
Olympia, Washington 98502

Telephone number
(360) 753-0485

Fees Q49 (05-05) revised 05/07, 4/18
1 of 2

CGL 053013_01D. 28N08E13J

[Signature] 06-13-15
Water Type Modification Form
(For changes to the Water Type Map)

Check all that apply

- Adding streams/lakes
- Removing streams/lakes
- Changing location of streams/lakes
- Changing water type based on physical characteristics
- Changing water type based on protocol survey
- Other. Describe ____________________________

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1. **Water Reference Id E**
2. Name of Water
3. Tributary To
4. **Legal Description (Section, Township, Range, E/W)**
   - Section 13, T28N R8E

5. **County**
   - Snohomish
6. Water Type Shown on Map
   - n/a
7. Proposed Water Type
   - N
8. **Date of Field Visit**
   - 9/30/2013

9. **Forest Practices Application Number(s) (if applicable)**

10. Change is based on the following (check all that apply).
- [ ] Fish found
- [ ] Public water diversion
- [x] No fish found
- [ ] Fish hatchery diversion
- [ ] Physical characteristics
- [ ] Water feature exists, but does not meet WAC 222-16-031 definition.

No fish were detected within this segment which lies upstream from the proposed regulatory type break (described in form block 12, below). See the attached Protocol Survey Data Table for survey #3.

11. **Water levels in the survey area were:**
   - [ ] Above Normal
   - [x] Normal
   - [ ] Below Normal

   **Description:**
   - The Washington Department of Natural Resources, in consultation with the Washington Department of Fish and Wildlife have forecast normal water conditions for the 2013 fish use survey season (March 1 to July 15).

12. The water type break was determined by:
- [ ] Stopping at last observed fish
- [x] Stopping at upper extent of fish habitat
- [ ] Stopping at end of harvest or property boundary
- [ ] Other - Describe:__________________________

   The proposed regulatory type break is located at Sta. 24+5, at the downstream end of a 76-foot unchanneled subsurface reach. No surface channel or flow was encountered throughout this reach. Surface flow and channelization resume at Sta. 24+1. No fish of any species were detected within the subject tributary during the course of the survey. See the attached Protocol Survey Data Table for survey #3.

13. Are there any fish passage barriers downstream of the surveyed stream segment(s):
- [ ] Natural barriers: [ ] Falls [ ] Cascades [ ] Bedrock chutes If yes, what is the height ________________________
- [ ] Temporary barriers (log jams)
- [ ] Man-made barriers (culverts)

   Fish passage barriers were identified by:
- [ ] Maps
- [ ] Field observation
- [ ] Other - describe: __________________________

14. Is there evidence of mass wasting or scouring events?
- [ ] Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.
- [x] No

**Proponent name and signature**

Print Name: Mark Baugh

**Organization name and address**

Organization name and address
Organizational Group, LLC
22723 121st Dr. NE
Arlington, WA 98223

Telephone number
(360) 982-1246

Surveyor name
Neil V. Slifka

Organizational group
West Fork Environmental, Inc.
530-8 Ronlee Lane NW
Olympia, Washington 98502

Telephone number
(360) 753-0485

Form QQ 49 (05/05) revised 05/07, 4/18
1 of 2

CGI_053013_01D 28NOB9E13J

[Signature]

[Date] 06-13-13
**Water Type Modification Form**  
*(For changes to the Water Type Map)*

**Region Reference Number - DNR Use Only**

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**Section 13, T28N R8E**

1. *Water Reference ID*  
2. *Name of Water*  
3. *Tributary To*  
4. *Legal Description (Section, Township, Range, E/W)*  
   - Section 13, T28N R8E

5. *County*  
   - Snohomish

6. *Water Type Shown on Map*  
   - N

7. *Proposed Water Type*  
   - F

8. *Date of Field Visit*  
   - 5/30/2013

9. *Forest Practices Application Number(s) (if applicable)*

10. *Change is based on the following (check all that apply):*
   - [ ] Fish found  
   - [X] No fish found
   - [ ] Public water diversion  
   - [ ] Fish hatchery diversion
   - [ ] Physical characteristics
   - [ ] Water feature exists, but does not meet WAC 222-16-031 definition.

No fish were detected within this segment; however, it lies downstream from the proposed regulatory type break, as described in form block 12 for Water Reference ID E. See the attached Protocol Survey Data Table for survey #3.

11. *Water levels in the survey area were:*
   - [ ] Above Normal  
   - [X] Normal

   **Description:**
   The Washington Department of Natural Resources, in consultation with the Washington Department of Fish and Wildlife have forecast normal water conditions for the 2013 fish use survey season (March 1 to July 15).

12. The water type break was determined by:
   - [ ] Stopping at last observed fish  
   - [X] Stopping at upper extent of fish habitat
   - [ ] Stopping at end of harvest or property boundary
   - [ ] Other – Describe:

   This segment lies downstream from the proposed regulatory type break, as described in form block 12 for Water Reference ID E. See the attached Protocol Survey Data Table for survey #3.

13. Are there any fish passage barriers downstream of the surveyed stream segment(s):
   - [ ] Natural barriers:  
     - [ ] Falls  
     - [ ] Cascades  
     - [ ] Bedrock chutes
   - [ ] Temporary barriers (log jams)
   - [ ] Man-made barriers (culverts)

   Fish passage barriers were identified by:
   - [ ] Maps  
   - [ ] Field observation

   **n/a**

14. Is there evidence of mass wasting or scouring events?
   - [ ] Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.
   - [X] No

*PropONENT name and signature*

**Print Name:** Mark Baugh

**Organization name and address**

The Campbell Group, LLC  
22723 121st Dr. NE  
Arlington, WA 98223

**Telephone number**

(360) 982-1246

**Surveyor name**

Neil V. Silfka

**Organization name and address**

West Fork Environmental, Inc.  
536-B Nonite Lane NW  
Olympia, Washington 98502

**Telephone number**

(360) 753-0485
Water Type Modification Form  
(For changes to the Water Type Map)

Check all that apply  
[ ] Adding streams/fakes  
[ ] Removing streams/fakes  
[ ] Changing location of streams/fakes  
[ ] Changing water type based on physical characteristics  
[ ] Changing water type based on protocol survey  
[ ] Other. Describe Verification of current water type.

1. Water Reference ID  
   C  

2. Name of Water  

3. Tributary To  

4. Legal Description (Section, Township, Range, E/W)  
   Section 18, T28N R9E

5. County  
   Snohomish

6. Water Type Shown on Map  
   N

7. Proposed Water Type  
   N

8. Date of Field Visit  
   5/7/2013

9. Forest Practices Application Number(s) (if applicable)

10. Change is based on the following (check all that apply).  
    [ ] Fish found  
    [ ] No fish found  
    [ ] Fish hatchery diversion

11. Water levels in the survey area were  
    [ ] Above Normal  
    [ ] Normal  
    [X] Below Normal

   Description:  
   The Washington Department of Natural Resources, in consultation with the Washington Department of Fish and Wildlife have forecast normal water conditions for the 2013 fish use survey season (March 1 to July 15).

12. The water type break was determined by:  
    [ ] Stopping at last observed fish  
    [X] Stopping at upper extent of fish habitat  
    [ ] Stopping at end of harvest or property boundary  
    [ ] Other – Describe:

   This segment lies upstream from the proposed regulatory type break, as described in form block 12 for Water Reference ID A. See the attached Protocol Survey Data Table for survey #2.

13. Are there any fish passage barriers downstream of the surveyed stream segment(s):  
    [ ] Natural barriers:  
    [ ] Falls  
    [ ] Cascades  
    [ ] Bedrock chutes  
    [ ] Temporary barriers (log jams)  
    [ ] Man-made barriers (culverts)

   Fish passage barriers were identified by:  
   [ ] Maps  
   [ ] Field observation  
   [ ] Other – describe:

14. Is there evidence of mass wasting or scouring events?  
    [ ] Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.  
    [X] No

Proprietor's name and signature  
Mark Baugh

Print Name: Mark Baugh

Surveyor name  
Brian S. Harmon

Organization name and address  
The Campell Group  
22723 121st Dr. NE  
Arlington, WA 98223

Telephone number  
(360) 982-1246

Organization name and address  
West Fork Environmental, Inc.  
506-B Ronie Lane NW  
Olympia, Washington 98502

Telephone number  
(360) 763-0485

Form QQ 105/15 revised 05/07. 4/16

CGP 051630 05/15 0008E1BN

Signature:  
June 15, 2013
Water Type Modification Form  
(For changes to the Water Type Map)

Check all that apply

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<td>Changing water type based on physical characteristics</td>
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<tr>
<td>[X]</td>
<td>Changing water type based on protocol survey</td>
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<td></td>
<td>Other. Describe verification of current water type.</td>
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1. *Water Reference Id A

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5. *County Snohomish

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9. Forest Practices Application Number(s) (if applicable)

10. Change is based on the following (check all that apply).

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<td>Physical characteristics</td>
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<tr>
<td>[ ]</td>
<td>Water feature exists, but does not meet WAC 222-16-031 definition.</td>
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No fish were detected within this segment, which lies upstream from the proposed regulatory type break described in Form block 12 for Water Reference ID A. See the attached Protocol Survey Data Table for survey #1.

11. Water levels in the survey area were:

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Description:

The Washington Department of Natural Resources, in consultation with the Washington Department of Fish and Wildlife, have forecast normal water conditions for the 2013 fish use survey season (March 1 to July 15).

12. The water type break was determined by:

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<td>Stopping at end of harvest or property boundary</td>
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</table>
|   | Other – Describe:

This segment lies upstream from the proposed regulatory type break, as described in form block 12 for Water Reference ID A. See the attached Protocol Survey Data Table for survey #1.

13. Are there any fish passage barriers downstream of the surveyed stream segment(s):

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td>Natural barriers: [ ] Falls [ ] Cascades [ ] Bedrock chutes</td>
</tr>
<tr>
<td>[ ]</td>
<td>Temporary barriers (log jams)</td>
</tr>
<tr>
<td>[ ]</td>
<td>Man-made barriers (culverts)</td>
</tr>
</tbody>
</table>

Fish passage barriers were identified by:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>[X]</td>
<td>Maps</td>
</tr>
<tr>
<td></td>
<td>[ ] Field observation</td>
</tr>
<tr>
<td></td>
<td>[ ] Other – describe:</td>
</tr>
</tbody>
</table>

14. Is there evidence of mass wasting or scouring events?

<p>| | |</p>
<table>
<thead>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td>Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.</td>
</tr>
<tr>
<td>[X]</td>
<td>No</td>
</tr>
</tbody>
</table>

Proponent name and signature

Print Name: Mark Baugh

Surveyor name

Brian S. Harmon

Organization name and address

The Campbell Group
22723 121st Dr. NE
Arlington, WA 98223

West Fork Environmental, Inc.
530-B Ronlee Lane NW
Olympia, Washington 98502

Telephone number

(360) 982-1246

(360) 753-0485

Form QQ 49 (05/05) revised 05/07, 4th

1 of 1

CGI_050713_02G_28N09E18N

8-4-13-13
Water Type Modification Form  
(For changes to the Water Type Map)

Check all that apply

- *Adding streams/lakes
- *Removing streams/lakes
- *Changing location of streams/lakes
- Changing water type based on physical characteristics
- Changing water type based on protocol survey
- Other. Describe

<table>
<thead>
<tr>
<th>1. Water Reference Id A</th>
<th>2. Name of Water</th>
<th>3. Tributary To</th>
<th>4. Legal Description (Section, Township, Range, EW)</th>
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<tbody>
<tr>
<td>Snohomish</td>
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<td>Section 13, T28N R8E</td>
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</table>

<table>
<thead>
<tr>
<th>5. County</th>
<th>6. Water Type Shown on Map</th>
<th>7. Proposed Water Type N</th>
<th>8. Date of Field Visit 5/7/2013</th>
</tr>
</thead>
</table>

9. Forest Practices Application Number(s) (if applicable)

10. Change is based on the following (check all that apply):

- [ ] Fish found
- [ ] No fish found
- [ ] Physical characteristics
- [ ] Water feature exists, but does not meet WAC 222-16-031 definition.

No fish were detected within this segment, which lies upstream from the proposed regulatory type break (described in form block 12, below). See the attached Protocol Survey Data Table for survey #1.

11. Water levels in the survey area were: [ ] Above Normal  [x] Normal  [ ] Below Normal

Description:
The Washington Department of Natural Resources, in consultation with the Washington Department of Fish and Wildlife have forecast normal water conditions for the 2013 fish use survey season (March 1 to July 15).

12. The water type break was determined by:

- [ ] Stopping at last observed fish
- [X] Stopping at upper extent of fish habitat
- [ ] Stopping at end of harvest or property boundary
- [ ] Other – Describe: The proposed regulatory type break is located at the base of a 24% bedrock and cobble cascade 28 feet in length (28% bedrock cascade for the lowermost 16 feet, followed immediately by 12 feet of 21% cobble cascade). No fish of any species were detected upstream from Sta. 0+00 during the course of the survey. See the attached Protocol Survey Data Table for survey #1.

13. Are there any fish passage barriers downstream of the surveyed stream segment(s):

- [ ] Natural barriers:  [ ] Falls  [ ] Cascades  [ ] Bedrock chutes If yes, what is the height:
- [ ] Temporary barriers (log jams)
- [ ] Man-made barriers (culverts)

Fish passage barriers were identified by [ ] Maps  [ ] Field observation  [ ] Other – describe: n/a

14. Is there evidence of mass wasting or scouring events?

- [ ] Yes. Describe how these affected current stream channel conditions and fish distribution in the stream.
- [X] No

Proprietor name and signature
Print Name: Mark Baugh

Surveyor name
Print Name: Brian S. Harmon

Organization name and address
The Campbell Group
22723 121st Dr. NE
Arlington, WA 98223

Organization name and address
West Fork Environmental, Inc.
530-N Ronlee Lane NW
Olympia, Washington 98502

Telephone number
(360) 982-1246

Telephone number
(360) 753-0485

Form QQ-49 (05/05) revised 03/17, 4/08

CG1 050715-L22G-26B692E18N

06-13-13

2816638
West Fork Environmental Electrofishing Survey Data

The attached modifications to the Washington State Department of Natural Resources’ Forest Practices Activity Map are based on the results from the protocol field survey represented in the following Protocol Survey Data table. The survey followed guidance provided in the Washington Department of Natural Resources interim water typing rules (WAC 222-16-031(3), Section 13 Forest Practices Board Manual). The proposed water type modifications have been included on one map due to the influence of a single water type modification on the corresponding types or locations of other segments on the map.

The highlighted segment in the figure below shows where the continuous electrofishing survey was conducted. The number of the stream segment corresponds to the data table number on subsequent pages.
1. Protocol Survey Data

**Survey Conditions:**
- **Survey ID number:** CG_050713_01G_28N08E13R
- **Date:** 5/7/2013
- **Stream name:**
- **Tributary to:**
- **Surveyors:**
  - West Fork Environmental, Inc.
  - Brian S. Harmon
  - Matthew H. Bateman
- **Electrofishing type and setup:** Smith-Root LR-24: Manual setup, 800 volts, 12 % duty cycle, frequency of 30 Hz
- **Total distance:** 1,600 feet
- **Total qualifying pools:** 3
- **Total pools:** 47
- **Total seconds shocked:** 790
- **Water Temperature:** 10 °C
- **Specific conductivity:** 28 μS/cm
- **Latitude, longitude:** 47.909446°, -121.714134

**Physical Survey Data:**

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<tr>
<th>Water Ref. ID</th>
<th>Distance (feet)</th>
<th>Wetted Channel Width (feet)</th>
<th>Bankfull Channel Width (feet)</th>
<th>Valley Width (feet)</th>
<th>Slope (%)</th>
<th>High Quality Pool Tally</th>
<th>Total Pool Tally</th>
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</tbody>
</table>

**A**
- **Figure 1:** Start of survey and location of the last detected fish, mid-reach.
- **Figure 2:** Location of the proposed regulatory type break, at the base of a 24% bedrock and cobble cascade 26 feet in length

**B**
- **1185:** Confluence with a right bank tributary (see the Protocol Survey Data Table for Survey #2, below)
- **1200:**
  - 1
  - 3
  - 6
  - 5
  - 3
  - 45
- **1300:**
  - 2
  - 2.5
  - 15
  - 3
  - 3
  - 46
- **1410:**
  - 1
  - 20
  - 25
  - 1
  - 3
  - 47
  - Channel becomes poorly-defined within wetland area.
- **1500:**
  - 1
  - 17
  - 25
  - 2
  - 3
  - 47
- **1600:**
  - 1.5
  - 2
  - 3
  - 3
  - 47
  - Figure 3: End of survey location, mid-reach.
### 1. Protocol Survey Data (continued)

#### Catch Data:

<table>
<thead>
<tr>
<th>Fish species</th>
<th>Number</th>
<th>Size class (mm)</th>
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</thead>
<tbody>
<tr>
<td>Coastal cutthroat trout (Oncorhynchus clarki clarki)</td>
<td>1</td>
<td>88</td>
</tr>
</tbody>
</table>

**Last fish description**

The last detected fish was a coastal cutthroat trout, 88 millimeters in length, located at the start of the survey point (Sta. 0+00).

**Latitude, longitude:** 47°09'44.0"N, 121°17'41.34"W

**Amphibian species present**

None detected
1. Protocol Survey Data (continued)

Survey Photos:

Figure 1. Start of survey and location of eye and detected fish, mid-reach.

Figure 2. Location of the proposed regulatory type break, at the base of a 20% bedrock end cobble cascade 26 feet in length.
1. Protocol Survey Data (continued)

Figure 3. End of survey location, mid-reach.
2. Protocol Survey Data

Survey Conditions:
- Survey ID number: CG1_05713_02G_28N09E
- Date: 5/7/2013
- Tributary to:
- Surveyors: West Fork Environmental, Inc.
  - Brian S. Harmon
  - Matthew S. Bateman
- Electrofisher type and setup: Smith-Root LR-24: Manual setup; 600 volts; 12% duty cycle; frequency of 30 Hz
- Total distance: 500 feet
- Total qualifying pools: 1
- Total pools: 12
- Total seconds shocked: 201
- Water Temperature: 10 °C
- Specific conductivity: 32 µS/cm
- Latitude, longitude: 47.908231°, -121.710027°; 47.908732°, -121.708687°

Physical Survey Data:

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<tr>
<th>Water Ref.</th>
<th>Distance (feet)</th>
<th>Wetted Channel Width (feet)</th>
<th>Bankfull Channel Width (feet)</th>
<th>Valley Width (feet)</th>
<th>Slope (%)</th>
<th>High Quality Pool Tally</th>
<th>Total Pool Tally</th>
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<td>12</td>
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</table>

Figure 1. Start of survey location, at the confluence with the mainstem.

Figure 2. End of survey location, mid-reach within wetland area.

Catch Data:
- Fish species: None detected
- Size class (mm): -
- Last fish description: n/a
- Amphibian species present: None detected

Amphibian species present: None detected
2. Protocol Survey Data (continued)

Survey Photos:

Figure 1. Start of survey location, at the confluence with the mainstem.

Figure 2. End of survey location, mid-reach within wetland area.
3. Protocol Survey Data

Survey Conditions:

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<td>Stream name</td>
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<td>Tributary to</td>
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<td>Surveyors</td>
<td>West Fork Environmental, Inc.</td>
</tr>
<tr>
<td></td>
<td>Nori V. Stikle</td>
</tr>
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<td></td>
<td>Matthew H. Bateeman</td>
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<td>Electrifier type and setup</td>
<td>Smith-Root LR-24: Manual setup, 700 volts, 12 % duty cycle, frequency of 30 Hz</td>
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<td>Total distance</td>
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<td>27</td>
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<td>Total seconds shocked</td>
<td>1,172</td>
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</table>

| Water Temperature | 10 °C                   |
| Specific conductivity | 50 µS/cm               |
| Latitude, longitude | 47.911363°, -121.717657° | 47.911474°, -121.713722° |

Physical Survey Data:

<table>
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<tr>
<th>Water Ref. ID</th>
<th>Distance (feet)</th>
<th>Wetted Channel Width (feet)</th>
<th>Backfilled Channel Width (feet)</th>
<th>Valley Width (feet)</th>
<th>Slope (%)</th>
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Catch Data:

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<th>Number</th>
<th>Size class (mm)</th>
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</thead>
<tbody>
<tr>
<td>None detected</td>
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</tbody>
</table>

Last fish description

Amphibian species present

None detected
3. Protocol Survey Data (continued)

Survey Photos:

Figure 1. Start of survey location at the confluence with a large wetland complex.

Figure 2. Proposed regulatory type break location, at the downstream end of a 76-foot unchanneled/subsurface reach.
Figure 3. End of survey location, at the upper end of a baffle cascade.
Please withdraw this WTM request.

Mark W. Baugh

CampbellGlobal

Logging Contract Supervisor
3210 Smokey Point Dr.
Arlington, Wa. 98223
360-982-1246

This e-mail message and any attachments are intended only for the addressee and may be privileged, confidential and protected from disclosure. If you are not the intended recipient, any dissemination, distribution, or copying is expressly prohibited. If you received this e-mail in error, please notify the sender immediately by replying to this e-mail message or by telephone. All e-mail communications sent and/or received by Campbell Global employees are subject to archiving, monitoring and/or review by Campbell Global personnel to ensure regulatory compliance to protect Campbell Global’s clients and business.
Hi all,

I have some concern on survey 3 where the short reach of subsurface flow occurs and would like to see that prior to approval.

Thanks,

Wayne

Sent from my iPad

On Jun 17, 2013, at 4:17 PM, "UTGARD, LINDA (DNR)" <LINDA.UTGARD@dnr.wa.gov> wrote:

Linda Utgard  
Natural Resource Tech 2  
Forest Practices, NW Region  
Washington State Department of Natural Resources (DNR)  
360-856-3500  
linda.utgard@dnr.wa.gov  
www.dnr.wa.gov

<NW-07-13-0016.pdf>
From: Derek Marks <dmarks@tulaliptribes-nsn.gov>
Sent: Tuesday, June 25, 2013 3:52 PM
To: UTGARD, LINDA (DNR); HUANG, STEVEN (DNR); PENNEY, MEGAN (DNR); Watne, Wayne S (DFW); Penhale, Bob (ECY); Brett Shattuck; Nick Hehemann; Holly Faller; Mark Baugh
Subject: RE: WTM NW07130016 Comment before 7-17-13

At this time, Tulalip Tribes does not concur and would like to review the above referenced WTM proposal in the field. The modest barrier 26% for 28' in Segment A and the short distance of subsurface flow in other segments is the rationale for our concern with this proposal.

Thank you.

Derek Marks
Tulalip Tribes-Timber Fish and Wildlife Program Manager
(360) 716-4614

From: UTGARD, LINDA (DNR) [mailto:LINDA.UTGARD@dnr.wa.gov]
Sent: Monday, June 17, 2013 4:18 PM
To: HUANG, STEVEN (DNR); PENNEY, MEGAN (DNR); Watne, Wayne S (DFW); Penhale, Bob (ECY); Derek Marks; Brett Shattuck; Nick Hehemann; Holly Faller; Mark Baugh
Subject: WTM NW07130016 Comment before 7-17-13

Linda Utgard
Natural Resource Tech 2
Forest Practices, NW Region
Washington State Department of Natural Resources (DNR)
360-856-3500
linda.utgard@dnr.wa.gov
www.dnr.wa.gov

2816638
This email documents the observations and decisions made during the site visit conducted on July 12th, 2013 by Steven Huang (DNR), Mark Baugh (Campbell Group), and myself to review the proposed “Preview” (FPA # 2813312) harvest and associated WTMF (# NW07130016). In summary, it was determined that the FPA as proposed is adequate for approval. However, Tulalip does not concur with the WTMF stream segment A based on the lack of what we would consider a persistent natural barrier, and the confounding downstream partially blocking culvert that is preventing a portion of the fish population from moving upstream.

Our observations began downstream of Segment A at the road crossing which consists of an undersized concrete culvert with no substrate, and a gradient of greater than 10%. Below this culvert, many fish were observed in the outfall and several downstream pools. We walked upstream to the proposed type break which is a short (28") bedrock cascade at approximately 24%. This cascade has several step pools and was short enough to appear passable by fish on the day of observation. Above the cascade, the channel meets Type F physicals with low gradients (<10%) and bankfull widths over 2’ for over 1,000 feet. The channel was walked to approximately station 14+10 on segment B above its confluence with segment C where the channel becomes poorly defined within a wetland area. It is our opinion that the stream no longer should be considered fish habitat at this location due to a lack of hydrology and diffuse channels. Segment C was not walked to the end of fish habitat, though it appeared that Type F physicals for some distance above the confluence with segment B.

Stream segments D, E and G were walked from the road crossing downstream to the start of the survey location. It is my opinion that the stream is inadequately typed in the proposed WTMF based on the lack of fish detected, the length of the segment of stream that is "piping" underground, the apparent seasonal nature of the stream in the lower reaches, and the steeper slopes near the road crossing.

While none of these factors necessarily preclude fish habitat on their own, the combination of these factors leads me to believe that the stream is not suitable fish habitat.
If the landowner would like to resubmit the WTMF for the stream associated with segment A, we would be amenable to a Type F/N break located at approximately station 14+10 for segments A and B. Segment C should be considered Type F water until it no longer meets Type F physicals.

Thank you for the opportunity to review and comment on this FPA and WTMF. Please feel free to contact me if you have any questions or require additional information.

Brett Shattuck
Forest and Fish Biologist
The Tulalip Tribes
6406 Marine Dr.
Tulalip, WA 98271
(360) 716-4618
From: Brett Shattuck <bshattuck@tulaliptribes-nsn.gov>
Sent: Friday, September 12, 2014 2:58 PM
To: HUANG, STEVEN (DNR); Mark Baugh <mbaugh@campbellgroup.com>
(mbaugh@campbellgroup.com); Bails, Jamie L. (DFW); Penhaile, Bob (ECY)
Cc: UTGARD, LINDA (DNR)
Subject: RE: WTM field reviews

Hello All,

We have commented on both of these WTMFs, but we are not sure that a site visit would be helpful unless the proponent addresses our concerns prior to the review. Below are our comments to date on the WTMFs in question:

- **NW07130029**

  After office review, Tulalip Tribes concurs with the majority of the above referenced WTM proposal, with the exception of segment D. Type X designation is an inappropriate use of the WT codes, as I understand it. The segment should either be removed from the regulatory layer or assessed for perennial characteristics (Np water) or determined if above ground connectivity occurs during storm events as sheet flow through a wetland (potential N6). Additional information may be needed to resolve segment D, if the proponent wishes to remove it from the regulatory layer.

- **NW07130016 (visited on 7/12/2013)**

  Tulalip does not concur with the WTMF stream segment A based on the lack of what we would consider a persistent natural barrier, and the confounding downstream partially blocking culvert that is preventing a portion of the fish population from moving upstream.

  Our observations began downstream of Segment A at the road crossing which consists of an undersized concrete culvert with no substrate, and a gradient of greater than 10%. Below this culvert, many fish were observed in the outfall and several downstream pools. We walked upstream to the proposed type break which is a short (28') bedrock cascade at approximately 24%. This cascade has several step pools and was short enough to appear passable by fish on the day of observation. Above the cascade, the channel meets Type F physicals with low gradients (<10%) and bankfull widths over 2' for over 1,000 feet. The channel was walked to approximately station 14+10 on segment B above its confluence with segment C where the channel becomes poorly defined within a wetland area. It is our opinion that the stream no longer should be considered fish habitat at this location due to a lack of hydrology and diffuse channels. Segment C was not walked to the end of fish habitat, though it appeared that Type F physicals for some distance above the confluence with segment B.

  Regarding WTMF NW07130029, we do not concur with a Type X designation for Segment D regardless, but we would be willing to review the stream's connectivity/seasonality to determine if the stream should be considered Type N or removed from the hydrography layer.

  Regarding WTMF NW07130016, our site visit review of the downstream manmade fish passage barrier and lack of an appropriate natural fish passage barrier at the proposed type break leads to our non-concurrence with the proposal. We would be willing to show the group the site (it has already been reviewed with Mark Baugh), though our opinion is not likely to change regarding the proposed type break.

Thank you, and please feel free to contact us with any questions.
Marbled Murrelet Form
Western Washington Forest Practices Application/Notification

Complete this form only if you are harvesting timber (including salvage) or constructing roads. Do not complete this form if you have an HCP for marbled murrelets.

Answer every question.

1. ❌ No ☐ Yes ❌ No ☐ Yes ☐ Unknown
   For this FPA/N, has a protocol survey(s) been completed that includes:
   - Harvest units (and within 300 ft on your ownership), or
   - Salvage units (and within 300 ft on your ownership), or
   - Any area of proposed road construction (and within 300 ft on your ownership)?

   If "Yes", fill out the table and check the appropriate findings below.

<table>
<thead>
<tr>
<th>Survey ID (Name or Unit #)</th>
<th>Township, Range, &amp; Section</th>
<th>Survey was approved by WDFW (Attach approval letter from WDFW)</th>
<th>Survey was disapproved by WDFW and is being resubmitted with this FPA/N (Explain below)</th>
<th>Survey has been submitted to WDFW and survey approval is unknown (Explain below)</th>
<th>Survey is complete but has not yet been submitted to WDFW (Submit survey with FPA/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Occupancy</td>
<td>☐ Presence</td>
<td>☐ Occupancy</td>
<td>☐ Occupancy</td>
<td>☐ Occupancy</td>
<td>☐ Occupancy</td>
</tr>
<tr>
<td>☐ No Detections</td>
<td></td>
<td>☐ Presence</td>
<td>☐ Presence</td>
<td>☐ Presence</td>
<td>☐ No Detections</td>
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</tr>
</tbody>
</table>

Explanation:

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

3. ❌ No ☐ Yes ☐ Unknown
   Will you fly helicopter(s) over or within 0.25 miles of an occupied site?

4. ❌ No ☐ Yes
   Will you harvest live trees in a buffer of an occupied site?

   If Yes, describe the leave trees and buffer widths you will leave. NOTE: If you leave less than required in WAC 222-16-080(1) (b) (v) this is a Class IV-Special and an Environmental Checklist is required

Description of managed buffers:

Form QQ46 (05-14-05) 1 of 2
5. No  Yes  Are there nesting platforms within any harvest unit (including salvage and road construction) that are within 300 feet that:
   - Are not located within a surveyed area, and;
   - Have a minimum of 2 platforms per acre, and;
   - Are located within 7 or more acres of contiguous habitat, and;
   - Have a least 40% (number not volume) of the dominant and co-dominant trees made up of Douglas-fir, western hemlock, western red cedar, or Sitka spruce?

If "Yes", complete the table below for those areas.

<table>
<thead>
<tr>
<th>Name or # (as shown on map) of delineated stands of contiguous habitat</th>
<th>Delineated stand acres</th>
<th>Nesting platforms per acre</th>
<th>Number of trees 32 inches dbh or greater with platforms</th>
<th>Platform Assessment Method</th>
</tr>
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6. No  Yes  Are there areas within this forest practice or within 300 feet that:
   - Are not surveyed, and;
   - Are not listed in question 5, and;
   - Have trees that are at least 32 inches dbh

If "Yes", list the forest practice unit numbers from your activity map. Provide brief description of current stand conditions. Such as tree species composition, stand age (if known), and maximum tree size (dbh).

Harvest Unit #(s)  □ Within the Unit  □ Within 300 feet of the Unit
Description:

Harvest Unit #(s)  □ Within the Unit  □ Within 300 feet of the Unit
Description:

Harvest Unit #(s)  □ Within the Unit  □ Within 300 feet of the Unit
Description:

7. If you answered yes to question 1, 4, or 5, include a map (separate from your map that shows your harvest units and/or road construction) See the instructions for the information required on each map.

Form QQ46 (05-14-05)  2 of 2
<table>
<thead>
<tr>
<th>DATE</th>
<th>DOCUMENT</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>9/17/2018</td>
<td>Revision</td>
<td>Replaced pg 3; pg 1 of slope form</td>
</tr>
</tbody>
</table>
Forest Practices Application/Notification
Notice of Decision

Decision
[ ] Notification
[ ] 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 [ ] 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 9/27/18.

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

Steven Huang ____________________________

Region: Northwest
Date: 9/27/2018
**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.elaho.wa.gov/](http://www.elaho.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](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 ______9/28/2018______, I placed in the United States mail at _______________ Sedro-Woolley __________, WA,

(post office location)

(date)

postage paid, a true and accurate copy of this document. Notice of Decision FPA # ____________ 2816638

(Participant name)

(Signature)
Linda,

Please use this email as my official written request to withdraw FPA 2816638 (named “Pits”) from the application process.

Just moments ago I submitted a revised FPA that is also named “Pits” with the previously named Pits4 and Pits5 units removed from the application. This new application otherwise is identical the withdrawn application.

Josh Misenar
Forester, Burlington District
Sierra Pacific Industries
360-957-0465

Sent from my iPhone

> On Sep 26, 2018, at 3:25 PM, HUANG, STEVEN (DNR) <STEVEN.HUANG@dnr.wa.gov> wrote:
> 
> Just spoke with Steve Ranten and Josh. Josh will withdraw and resubmit minus units 4 and 5. They may want to revisit those two at a later time.
> 
> > From: HUANG, STEVEN (DNR)
> > Sent: Wednesday, September 26, 2018 2:44 PM
> > To: Neil Shea <nshea@tulaliptribes-nsn.gov>
> > Subject: FW: 2816638
> >
> > Forgot to CC you
> >
> > From: HUANG, STEVEN (DNR)
> > Sent: Wednesday, September 26, 2018 2:35 PM
> > To: McMichael, Aaron (DNR) <Aaron.McMichael@dnr.wa.gov>
> > Subject: 2816638
> >
> > Aaron,
> > 2816638 Pits – unit 4 and 5 need to be checked. Unit 4 has inner gorge over the wetland along the west (WL3) and a feature to the east (Jay Lake). Unit 5 appear to be within a CMZ?
> >
> >
> > Steven Huang
> > Forest Practice Forester
> > NW Region, Sedro Woolley, WA
> > (360)770-9806(Cell)