2015 SALVAGE Type F & Np

WASHINGTON STATE DEPARTMENT OF
Natural Resources

For DNR Region Office Use Only	
FPA/N #:	[redacted]
Region:	NE
Received Date:	4-8-15

Forest Practices Application/Notification
Alternate Plan Form

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

TYPE OR PRINT IN INK:

Landowner information

Name of LANDOWNER	Phone: 509-[redacted] 509-7[redacted] Email: [redacted]@gmail.com

Contact person information.

Contact Person	Phone: [redacted]
[redacted]	Email:

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

The current stand has been severely altered by the Carlton Complex fire which occurred mid-July of 2014. Some trees were burned and killed in the riparian zone (rmz) of [redacted] creek and all the trees were burned in the rmz of the NP water by the fire. The predominant tree species is Douglas-fir and ponderosa pine averaging 80 yrs. old and between 50 – 100 feet tall.

The management goal is to remove all burned and dead trees within the inner zone of [redacted] Creek and the rmz of the NP water. By opening the overstory up and removing the burned and dead conifer, this will stimulate deciduous growth, which long term, will add more nutrient component and diversity to the riparian zone.

2. **Proposed Management Activities:** Describe what activities will be conducted (example; harvest, tree planting, road construction, etc). Describe where, how, and when each activity will be conducted.
NOTE: A representative sample of the proposed alternate plan area must be flagged on the ground for interdisciplinary team review.

Proposed management activities will be the removal of burned and dead trees by mechanical means (feller buncher), or by hand falling within the inner zone of [redacted] creek. No harvest will occur within the core zone. These trees will be felled and yarded away from the core zone which should cause no damage to the core zone or banks of [redacted] creek. All trees will be harvested and yarded away from the NP water in the same manner as Chiliwist creek except those anchored in the bankfull width will not be harvested. An equipment limitation zone will be adhered to along the NP water to minimize impact to that location. All stumps will be left in place. All aspen and other deciduous species will be left in place. All trees within bankfull width, if they exist, will also be left in place. All green ponderosa pine with at least 40% canopy that is green and all green Douglas-fir will be left in the rmz. The use of a feller buncher may be needed within the rmz to cut trees and bunch them for removal. The management activities planned for these locations should be minimal and of low impact to the site.

Following harvest, reforestation will take place within the rmz with conifer species, either DF or PP, depending on availability of stock at 150 seedlings per acre.

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

See attachment A

Attachment A

Current level evaluation:

Large woody debris: There is currently large wood on site since no harvest has occurred.

Shade: Dead standing conifer trees are producing some shade value, but minimal on both [redacted] creek and the NP water. This segment of NP only exists due to thunderstorm flooding from the summer/fall of 2014 and the stream itself connects to nothing.

Bank stability: The banks of [redacted] creek are currently raw due to flooding events this past fall. The channel will experience more water events as spring continues. The NP has connectivity to a perennial source above and the banks are raw from runoff. This is a new channel from thunderstorms and spring runoff.

Sediment filtering: Brush and forbs are beginning to grow since the fire and will provide some sediment filtering once established. There currently is some sediment filtering on this property due to the new growth.

Note Stream systems in the [redacted] basin are currently moving heavy amounts of sediment (fines and more course sands) downstream. Since the floods, [redacted] creek has been overloaded with sediment and will take some time to flush and stabilize.

Nutrient input: Nutrient input to [redacted] creek is not an issue due to the amount of brush and forbs that exist upstream from this location. There are some brush and forbs that do exist here and will be a part of this function in the summer of 2015.

Short and long term changes:

Large woody debris: Changes in large wood will occur in this proposed location for short and long term. The steam segment here is not well defined and may move over time due to continued flushing of draws from runoff due to damage to soils from the Carlton Complex fire. The proposal for this alternate plan is to remove nearly all trees in AP2 and very little removal will occur in AP1.

Shade: Shade will not be an issue on [redacted] creek on this property. Nearly all trees are green at this location and very few will be removed. All the trees are green within the core zone. No green trees exist on the NP water.

Bank stability: The stream banks of [redacted] creek should not be affected by this harvest. All timber will be felled and yarded away from the core zone. The banks of the NP water are very raw and fresh and will continue to move over time until the site stabilizes itself with grass, forbs and brush. All stumps will be left in place and any tree that originates within bankfull width will also be left.

Sediment filtering: There are currently forbs and some deciduous species beginning to grow back within the rmz's. These will continue to grow over this next summer.

[redacted]

Nutrient input: This will not be an issue short or long term on [redacted] creek or the NP water.

4. **If you are planning activities in the riparian area, fill in the table below.**

Stream Segment Identifier	Watertype (S,F,Np)	Affected Stream Segment Length (feet)	Average Bankfull Width (feet)	Average width of no cut buffer (feet)	Harvest one side or both sides
A	F	770	<15	30	both sides
B	NP	525	1	0	both sides

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

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

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

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

WAC Section	Sub-section	WAC Section/Sub-section Title
222-30-022	(1,a,b,c)	Eastern WA RMZ's on S and F waters
222-30-045	(2,3)	Salvage logging within rmz's
222-30-022	(2,b)	Eastern WA protection along type NP waters

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

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

9. **Small Forest Landowner Office Monitoring**

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

a) **Does this alternate plan contain a monitoring strategy**

☐ Yes ☒ No If yes, please attach.

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

☒ Yes ☐ No