

**Forests For Tomorrow (FFT)
Notification Attachment - May 5, 2009
2009 Site Preparation and 2010/2011 Tree Planting:**

This document has been prepared as an attachment to the notification submission, to provide general information regarding the types of site preparation treatments that are planned as part of the 2009 FFT Site Preparation Program. Following review of this information, and comparing to the list of planned treatment areas, interested stakeholders will be able to determine whether they would like to receive additional information.

Schedule of Activities:

All of the treatment areas that have been identified in this submission are planned for tree planting in the spring of 2010 or 2011. The timing of the tree planting activities will be subject to field site conditions (ie, snow levels, soil temperature, soil moisture, aspect, and elevation), however, tree planting activities will generally be conducted between early April and mid June.

In order to prepare these treatment areas, for tree planting, it is necessary to conduct site preparation treatments in advance. The site preparation treatments that are being proposed are identified in the attached newspaper notification and are generally scheduled to be completed in 2009. The timing of these site preparation treatments will be subject to the completion of information sharing and referral activities, completion of a suitable archaeological / cultural assessment process, and the availability of qualified workers and equipment to conduct the planned treatments. In order to complete the necessary 2009 site preparation activities, prior to 2010 / 2011 tree planting, site preparation activities are scheduled to commence in summer 2009 and continue through the fall and early winter of 2009 / 10. The treatment window for the various treatments will be subject to the type of activity that is being conducted.

Planned Treatment Activities:

The planned site preparation treatment, for each treatment area, is identified in the attached notification table. Following is some additional information regarding the specific treatments:

- Spacing / Thinning Sanitation treatments - In older stands (ie. >40 years old), this treatment is being used to eradicate understory Pli (Layer 3 and 4) which is potentially be infected with mistletoe. This treatment would also serve as a DTA and DTF treatment. This treatment attempts to retain some overstory stand structure while removing the forest health risks to the new understory plantation. In younger stands (ie. <40 years old), this treatment is being used to sanitize the stand from gall rust, provide obstacles for seedling protection from cattle, reduce long term damage to the new stand by removing parts of the overstory, increase light levels, and reduce brush competition. Dominant and Co-dominant dead or live stems will be manually felled to achieve these objectives. Brushing of alder clumps may also occur at this stage.
- Overstory Removal - Overstory removal is being used to prepare the site for planting, maximize long term site productivity, remove forest health issues (mistletoe or gall rust infected overstory stems) and reduce long term safety concerns (Danger Trees). This may be accomplished by feller buncher and fibre removal, cat knockdown (cat crush) or pile and burning treatments.
- Mechanical Site Preparation (Excavator) - Mechanical site preparation treatment, utilizing an excavator, to create plantable spots through screefing and / or mounding, creation of planting obstacles, and knockdown of selected standing dead and hazardous trees. Danger Tree Assessment (DTA) activities will be conducted in conjunction with site preparation activities and / or with spring tree planting.
- Mechanical Site Preparation (Disc Trench) - Mechanical site preparation treatment, utilizing a skidder and disc trencher, to create plantable spots. Danger Tree Assessment (DTA) and DT Falling activities will be conducted in conjunction with site preparation activities and / or with spring tree planting.

- Planting - treatments include Danger Tree Assessment (DTA), Danger Tree (DT) falling of any trees that are considered hazardous to the safety of workers, followed by tree planting. The DTA and DT falling is generally conducted in conjunction with tree planting activities (spring 2010) or possibly the previous field season (2009)
- Fertilization – Fertilization treatments will be aerial treatments applied by helicopter on specific blocks identified as good candidates for treatment. Typically fertilization treatments are applied in the fall.

Treatment Tables:

The treatment summary table provides a list of the planned treatment areas that have been identified within the Kamloops, Lillooet or Merritt Timber Supply Area's. This table provides the mapsheet number and candidate identification number. In addition, the table provides the geographic location, treatment areas (in hectares), and information regarding the planned treatment.

The treatment tables are referring site prep activities for 2009 and planting in 2010 or 2011 only. Planning referral maps (if attached) will show candidates that are scheduled for planning in 2009 and survey activity. 2009 planting and candidates that are scheduled for surveys are not being referred at this time. These candidates are on the maps for information only.