

connectivity within the Landscape Connectivity Matrix (LCM) as shown on the LN SRMP Connectivity map:

- a) Maintain each LCM in a contiguous mature and old forest condition. Each LCM is in a contiguous mature and old forest condition if;
 - i. At least 70% of the forested areas within each LCM is greater than 100 years old (SBS) or 120 years old (ESSF) at any time; and
 - ii. Cut blocks are spatially distributed as follows within each LCM;
 - a) A new cutblock cannot be adjacent to an existing cutblock unless at least 70% of the net area to be reforested on the existing cutblock has developed attributes that are consistent with a mature seral condition and
 - b) Harvesting must not result in a condition where more than 30% of the width of a LCM is younger than mature and old
- b) Retain 100% of the forested area within the red and blue-listed ecological communities identified in Table LN1.0
- c) Retain 100% of the hydro-riparian ecosystems identified in Table LN 2.0

Despite 1(a), above;

- iii. Roads may be constructed where no practicable alternatives exist and must be deactivated once primary forest activities are complete; and
- iv. Live stems are non-merchantable understory in a stand must be retained where the salvage of dead pine trees within an LCM occurs. Salvage may only occur where 50% or more of the total mature and old are composed of dead pine trees, and only where harvesting of these dead pine trees maintains connectivity.

Table LN-1.0: Red & Blue Listed Ecological Communities

SBSdk 04,08,81,82
SBSmc2 81,82

Table LN-2.0: Hydro-Riparian Ecosystems Criteria

SBS dk – 07, 08, 09, 10
SBS mc2 – 07, 09*, 10, 12
ESSF mc – 07, 08, 09, 10*
ESSF mv1 – 04, 05
ESSF mv3 – 07

*These site series were not mapped, but may be found on the ground.

Applicable area

FDU 2.

Strategy

(1) Harvesting under the term of this FSP by the agreement holder will maintain over 70% of the Crown forest land within a landscape corridor segment consistent with any of the attributes contained in Table LS-6.

Table LS-6: Minimum criteria for forests providing connectivity in landscape corridors.

Forest Type	Criteria
SBS coniferous forest	≥ 70 years old
ESSF coniferous forest	≥ 100 years old
Deciduous leading forest	≥ 40 years old
Stands with mature/old characteristics	height > 15m and Crown closure > 25%
Managed stand with single tree selection or group selection	Meets mature age criteria (seral stage objective) with no more than 30% of the basal area removed on a per hectare basis

- (2) The licensee will maintain connectivity of cover within a landscape corridor by restricting the size of harvest units to an average of 2 hectares with maximum opening size not exceeding 3 hectares. A 4 hectare average and maximum opening size will apply when a corridor is heavily impacted by insect disturbance and beetle control or salvage are the primary management objectives.