

## Proposed Forest Operations – Pelican Lake First Nation

### General

#### Harvesting and Hauling Methods

The primary method proposed for harvesting blocks follows an even-aged silviculture system using a modified clearcut harvesting technique. Snag recruitment (dead standing and/or low utilization trees), diversity and stand structure features (clumps, islands, patches) will be provided by retention of coniferous understory, immature commercial deciduous species and representative trees.

Timber harvested under this plan will be made available to a suitable purchaser.

Harvesting will be mechanical using feller bunchers, grapple skidders and processors. Trees are processed mainly at roadside. Once processed and piled roadside, the trees are loaded onto primarily B Train 8 axle trucks and brought to the destination mill.

Some wood may be staged roadside in harvest blocks within harvest area. Staging roadside in harvest blocks and in stockpile sites is a critical strategy to manage moisture content within some facilities in the area.

Most contractors operating in the area will be the same contractor who operate on the Prince Albert Forest Management Area, and they will generally follow the Forest Operations Standard (July 2020) which is consistent with their usual practices throughout their operations.

#### Ribbon Colour Scheme

Generally, contractors are equipped with Global Positioning System (GPS) units for the feller bunchers to facilitate ribbonless boundary harvest. The maps used in the bunchers also highlight sensitive features such as water, stakeholder commitments, and known trails. These buncher maps are created within the same GIS system that is used to create the plan maps submitted for approval, so all features on the plan maps flow through the equipment used to harvest to ensure consistency. The maps are a key part of the system and have been successfully used by contractors and forest companies in the area. The use of GPS equipped bunchers is a significant technological advancement in the forest industry in Saskatchewan and recently incorporated as a practice in the Forest Operations Standard (July 2020).

There may be times where boundaries and other features with flagging tape will be marked. In those cases, the following table lists the standardized flagging tape colors that will be used.

#### Standardized Flagging Tape Colours

| Ribbon Colours                          | Use   |
|---|---|
| Pink “Harvest Area Boundary”            | Harvest area boundary locations and sensitive sites where harvesting will not occur |
| Orange “Road Line” or “Road Centerline” | Road location   |
| Day-glo Green “Machine Free Zone”       | Areas where equipment is not permitted to travel                                    |

## Riparian Management

Riparian areas harvested under this plan will be in accordance with the recently updated Forest Operations Standards (July 2020) for riparian management areas.

## Roads and Crossings

### Proposed New Road Development

Class 3 and Class 4 roads (as described in Saskatchewan Forest Standards) will be the main source of road development. Proposed main haul roads and inter-block roads are shown on the maps, along with proposed in-block roads although the exact locations of these may change. These follow existing roads wherever possible. Reclamation or establishment of any new roads will be at the discretion of the First Nation.

### Stream Crossings

Stream crossings will be constructed in compliance with the Forest Operations Standard (July 2020) and the requirements of applicable provincial and federal legislation.

### Amendments

Amendments to this OP will be submitted in writing either by e-mail or letter supported by an updated map.