

Wildfire Risk Reduction Unit 1

Majority machine treatment with select hand treatment areas.

Location/Ownership

- 41.3 ha total, four treatment units: implementation planned for Fall 2021-March 2022
- North of Nakusp, in the vicinity of Car Wash Road between Highway 23 and Arrow Lake
- Crown ownership. Timber harvesting rights held by Interfor

The south boundary borders private property

Cutting Specifications

Treatment Unit A (hand treatment, 5.9 ha):

- Retain 300 to 550 coniferous stems per ha (4.0 to 5.8 m average spacing between stems)
- Retain all healthy overstory stems > 17.5 cm diameter
- Cut all understory coniferous trees \leq 17.5 cm diameter unless retention of smaller stems is necessary to achieve the targeted average spacing

Treatment Unit B (machine treatment, 29.2 ha):

- Retain 350 to 550 coniferous stems per ha (4.3 to 5.3 m average spacing between stems)
- Retain all overstory stems (\geq 22.5 cm diameter) unless designated as danger trees or removal is required to facilitate treatment
- Cut all understory coniferous trees \leq 22.5 cm diameter unless retention of smaller stems is necessary to achieve the targeted average spacing
- 3.1 ha steep area in the middle of the unit to be left untreated

Treatment Unit C (machine/hand treatment combo, 4.4 ha):

- Retain 400 to 600 coniferous stems per ha (4.0 to 5.0 m average spacing between stems)
- Retain all overstory stems (\geq 17.5 cm diameter) unless designated as danger trees or removal is required to facilitate treatment

- Cut all understory coniferous trees ≤ 17.5 cm diameter unless retention of smaller stems is necessary to achieve the targeted average spacing

Treatment Unit D (machine treatment, 1.8 ha):

- Heavily windthrown area comprised of various blowdown events over multiple years

Retain 5 large diameter, firmly rooted trees/ha (approx. 8 in total). Favor healthy, fire-resistant species such as Douglas-fir and Western larch for retention