



Wildfire Risk Reduction Unit 8-1

Machine treatment and hand treatment combo

Location/Ownership

- 1.2 ha total, three treatment units: implementation planned for Fall 2022
- Immediately northeast of Arrow Lakes Hospital (purpose of treatment is to protect critical infrastructure)
- Crown ownership (Interior Health). The south boundary borders the hospital.

The north and east boundaries border private property

Cutting Specifications

Treatment Unit A (machine treatment, 0.3 ha):

- Retain 300 to 400 stems per hectare (5.5 to 5.7 m average spacing between stems)
- Favor healthy, larger, windfirm stems for retention
- Prioritize coniferous species for retention in the following order: Douglas-fir, Western larch, White pine, Western red cedar, Western hemlock

Treatment Unit B (machine treatment, 0.7 ha):

- Retain all overstory trees greater \geq 12.5 cm unless designated as danger trees or removal is required to facilitate treatment
- Retain 900-1300 stems per hectare (2.8 – 3.3 m average spacing between stems)

Treatment Unit C (hand treatment, 0.2 ha):

- There is a limited number of existing stems $>$ 12.5 cm within unit due to blowdown events. Retain all unless designated as danger trees or removal is required to facilitate treatment

Retain 400-500 stems per hectare (4.5 – 5.0 m average spacing)