

Fire Mitigation and Fuel Hazard Reduction on Woodlot Licences



Photo: Ken Day

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Outline

Terminology

Obligations vs. non-obligations

Why pursue fuel management?

Elements of fuel management

Why to avoid fuel management?

Considerations

Funding

Summary



Terminology

Fuel management

Hazard assessment

Hazard abatement

Wildland-urban interface (WUI)

Structures



Photo: Rory Colwell or BCWS

Fuel management – before and after



Why pursue fuel management?



Reduce likelihood and intensity of a wildfire

Protecting structures adjacent to the woodlot licence (WL)

Can protect your WL from fire

Can be very selective on specific areas

Another form of density management

Elements of fuel management



Crown separation

Tie into points of control

Remove surface fuels

Remove ladder fuels

Burn to remove surface fuel

Elements of fuel management



Photos: Tom Bradley

Elements of fuel management



Elements of fuel management



Photos: Ken Day

Elements of fuel management



Photo: Ken Day



Elements of fuel management



Photo: Tom Bradley

Elements of fuel management



Photo: Steve Capling



Photo: Tom Bradley

Why to avoid fuel management?

Not compatible with your goals on the WL

Inconsistent with management plan or woodlot licence plan (WLP)

- Stocking standards
- Wildlife tree strategy or other objectives

May leave an area susceptible to blowdown, insects or disease, erosion

Presence of root disease

Too complex or too much hassle



Considerations



Photo: Ken Day

Pressure from others

Impact to timber supply

Impact to other resource values

Planning and amendments to your WLP

Costs

Considerations

Commercial timber harvest before fuel management

Phases must be kept separate.

After timber harvest is complete, but before the funded fuel management phase begins:

- Waste assessment
- Waste abatement if there is a time lapse between harvesting and fuel mitigation treatment that it is required
- Fire hazard assessment and abatement
- Silviculture survey to maintain stocking for intermediate cutting

FRPA s.52 authorization for the fuel management phase.



Photo: Ken Day

Funding

Forest Enhancement Society of BC

- Has funded much of the work in the past
- Their role appears to be sunsetting

Community Resiliency Investment Program

- Funds fuel management work within municipalities
- Local governments and First Nations can apply

MFLNRORD

- Will likely be taking on the primary funding role

Other funding sources

- Red Cross, United Way, Forests for Tomorrow, Habitat Conservation Trust Fund, FireSmart Canada



Summary

The decision to undertake non-obligatory fuel management is yours as a woodlot licensee

Make an informed decision

FBCWA website has resources:

- Situational analysis reference document with links
- A checklist with links
- This presentation

Questions?

Talk to your forest professional



Photo: Tom Bradley