

# Community Wildfire Protection Planning

## Village of Nakusp

### RDCK Area K



THE VILLAGE OF  
**NAKUSP**





# Nakusp and RDCK Area K Community Wildfire Protection Plan

## Agenda:

- |             |   |
|-------------|---|
| 2:00 pm     | Introductions                               |
| 2:00 – 2:15 | Background on CWPP (NACFOR)                 |
| 2:15 – 2:30 | FireSmart and Partners in Protection (RDCK) |
| 2:30 – 3:00 | Discussion and Review Maps                  |





# Nakusp & Area K Community Wildfire Protection Plan



## What is a CWPP?

A CWPP is a comprehensive report with the purpose of :

1. Identifying the wildfire risks within and surrounding a community
2. Describing the potential consequences of an interface fire
3. Examining possible ways to reduce the wildfire risk

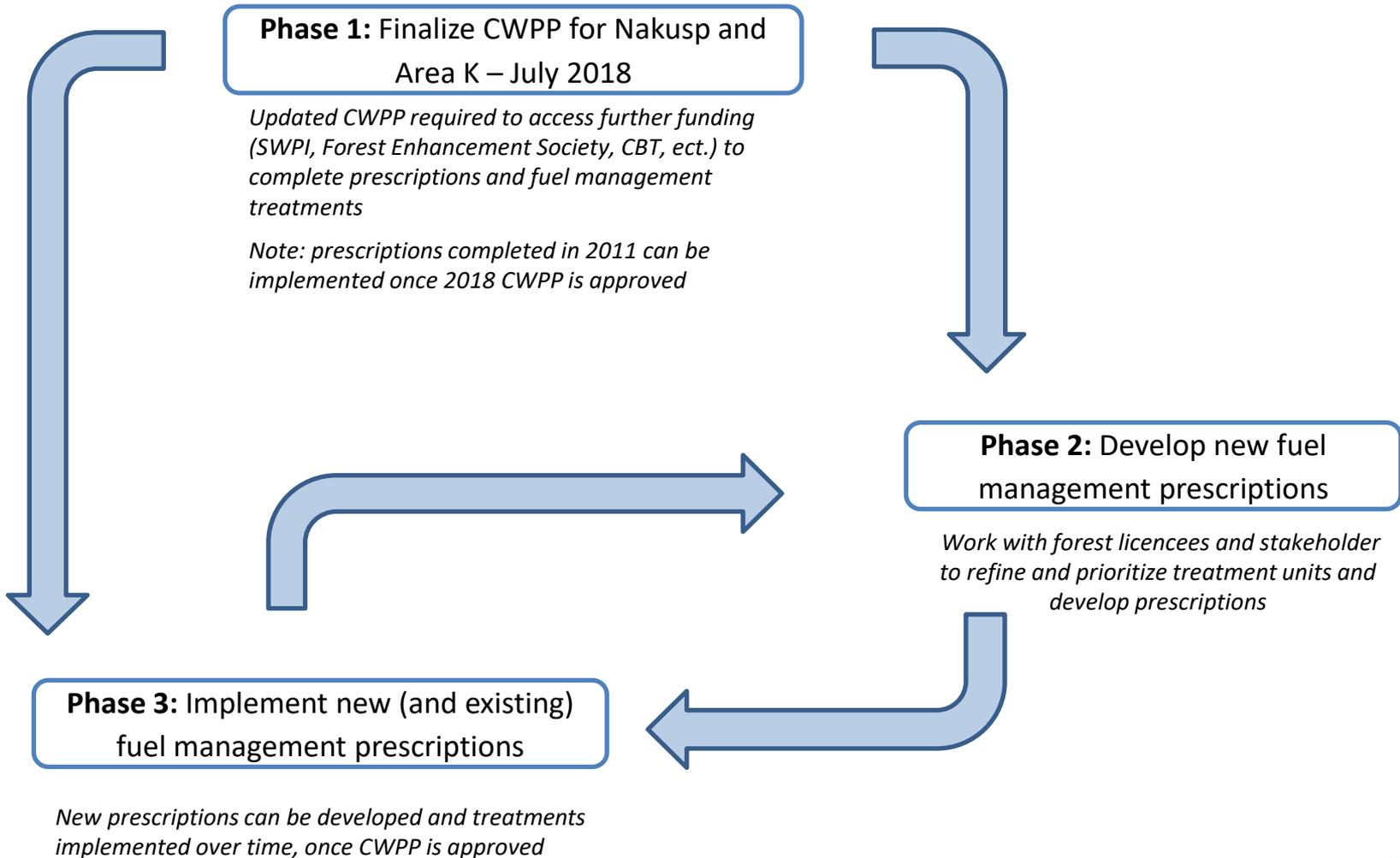
## Why do we need one?

- The 2008 CWPP that was completed for Nakusp and Area K communities is out of date
- Current CWPPs are necessary for effective interface fire planning, prevention, and future funding opportunities
- Some Area K communities were not covered by the previous CWPP





# CWPP Planning Framework





# Nakusp & Area K Community Wildfire Protection Plan



- The 2008 CWPP identified Nakusp, Burton, Fauquier and Edgewood as communities with a “moderate to extreme” probability and consequence of wildfire
- In 2017, the Nakusp and Area Community Forest (NACFOR) was retained by the Regional District of Central Kootenay (RDCK), with support of the Village of Nakusp, to create a Community Wildfire Protection Plan for Nakusp and Electoral Area K – funding for the CWPP is provided by the UBCM through the Strategic Wildfire Protection Initiative
- This plan builds off the previous CWPP and Area Assessments completed in 2008, however the study area was expanded to include 13 unincorporated communities of Area K and other high value areas





# Nakusp & Area K Community Wildfire Protection Plan



- The CWPP was developed with ongoing consultation from stakeholders, local fire departments, community members, forest licencees, the BC Wildfire Service and local government
- A wildfire risk assessment was completed through the use of spatial analysis and field assessments; with input from local experts
- In general, there is a moderate to high risk of wildfire facing communities, critical infrastructure, and values throughout the Arrow Lakes
- Much of the wildfire risk can be mitigated through the use of fuel treatments, FireSmart initiatives, and by supporting local fire response agencies – CWPP recommendations address these activities





# Nakusp & Area K Community Wildfire Protection Plan



## Summary of Recommendations

Section	Objective/Priority	Recommendations	Responsibility/Funding Source
Section 2: Existing Plans and Initiatives	To facilitate cooperative and efficient wildfire risk mitigation efforts.	Work with other agencies – including SiFCo, the CSRD, BC Hydro, and the FWCP- to coordinate wildfire risk mitigation when appropriate. Consider joint implementation of fuel treatment and FireSmart activities around the community of Summit Lake and Halcyon.	RDCK, Village of Nakusp/Funding from UBCM SWPI, FESBC, CBT
	To ensure existing and future emergency plans consider wildfire risks in the community.	Ensure existing and future emergency plans - including the Water System Emergency Response Contact List – consider wildfire risks and contain current emergency contact information. Information should include BCWS and local fire department contact information.	RDCK, Village of Nakusp
	To facilitate cooperative and efficient wildfire risk mitigation efforts.	Coordinate trail development and maintenance with wildfire mitigation efforts in high risk areas. Information regarding new trail development should be shared with response agencies and incorporated into evacuation and emergency response plans.	RDCK, Village of Nakusp, community and recreation groups, BCWS, land managers, Rec Sites and Trails BC, BC Parks



# Nakusp & Area K Community Wildfire Protection Plan



## Summary of Recommendations

Section	Objective/Priority	Recommendations	Responsibility/Funding Source
Section 5: Risk Management and Mitigation Factors	To reduce forest fuel hazards in high risk areas.	Work with licencees (Interfor, BCTS, NACFOR, Woodlots) and other agencies (BC Hydro and FWCP) to implement fuel treatment as recommended in Table 12. Consider funding streams provided by the SWPI and FESBC.	RDCK, Village of Nakusp/SWPI, FESBC, CBT
	To reduce the vulnerability of structures and values to wildfires. To reduce the occurrence of human caused fires.	Maintain FireSmart programs in Nakusp and Area K. Continue to provide FireSmart home assessments and undertake education and outreach activities.	RDCK, Village of Nakusp, local fire depts/SWPI FireSmart Grant Program
	To reduce the vulnerability of structures, and values to wildfires. To reduce the occurrence of human caused fires, and to increase local fire response capacity.	As part of the FireSmart program, implement recommended activities from Table 13; including education and outreach, vegetation management, incorporating FireSmart into community planning and development, and increasing local capacity to defend against an interface fire.	RDCK, Village of Nakusp/SWPI FireSmart Grant Program
	To reduce the occurrence of human caused fires.	Maintain sufficient signage at high-use recreational areas. Signage may include fire danger ratings, information on fire prevention, emergency contact information, and evacuation procedures on certain trails. Explore opportunities to work with other agencies to maintain and increase fire prevention signage at trailheads, forestry roads, along the highway, and within communities.	RDCK, Village of Nakusp, community and recreation groups, BCWS, land managers, Rec Sites and Trails BC, BC Parks



# Nakusp & Area K Community Wildfire Protection Plan



## Summary of Recommendations

Section	Objective/Priority	Recommendations	Responsibility/Funding Source
Section 6: Wildfire Response	To increase resources available to defend against an interface fire.	Incorporate volunteer firefighter recruitment into FireSmart education and outreach initiatives. Consider mutual aid agreements with nearby Fire Departments in order to address challenges associated with limited volunteer availability.	Nakusp, Burton, Edgewood Fauquier Volunteer Fire Depts/ UBCM FireSmart funding
	To increase resources available to defend against an interface fire.	Explore funding opportunities for community fire caddies and water trucks where there are gaps in fire response/equipment coverage. Consider providing S-100 training to members of the public at a reduced rate or free of charge.	RDCK, Village of Nakusp, Nakusp, Burton, Edgewood and Fauquier Volunteer Fire Departments
	To decrease fire response times.	Increase public awareness of first responder emergency contact information: BCWS (1-800-663-5555 or *5555 on cell), Nakusp Fire Department (9-11), Burton Volunteer Fire Department (250-265-4348), Edgewood Volunteer Fire Department (250-269-0023), Fauquier Volunteer Fire Brigade (250-269-7650).	RDCK, Village of Nakusp, Nakusp, Burton, Edgewood and Fauquier Volunteer Fire Departments



# Nakusp & Area K Community Wildfire Protection Plan



## Summary of Recommendations

Section	Objective/Priority	Recommendations	Responsibility/Funding Source
Section 6: Wildfire Response	To ensure the safety of human life in the event of an interface fire.	Develop a detailed evacuation plan for Nakusp and communities of Area K. Explore opportunities to address emergency access and evacuation constraints throughout the AOI.	RDCK, Village of Nakusp, Nakusp Fire Department; UBCM Funding
	To increase resources available to defend against an interface fire.	Continue cross-training between the BCWS and Nakusp Fire Department. Explore opportunities for additional training including: annual mock fire exercises, advanced wildfire suppression/fire operations in the WUI (S-215), structure and site preparation training (S-115), ICS, communications, and after action reviews of past interface fires. Explore opportunities to include Burton, Edgewood, and Fauquier fire departments into training events.	Nakusp Fire Department, BCWS, Burton, Edgewood, and Fauquier Volunteer Fire Departments
	To increase resources available to defend against an interface fire.	Maintain SPUs and explore opportunities to assist homeowners and community groups to develop sprinkler kits.	RDCK, Village of Nakusp, Nakusp, Burton, Edgewood and Fauquier Volunteer Fire Departments

# 2011 Burton Fuel Management Treatments

Before treatment

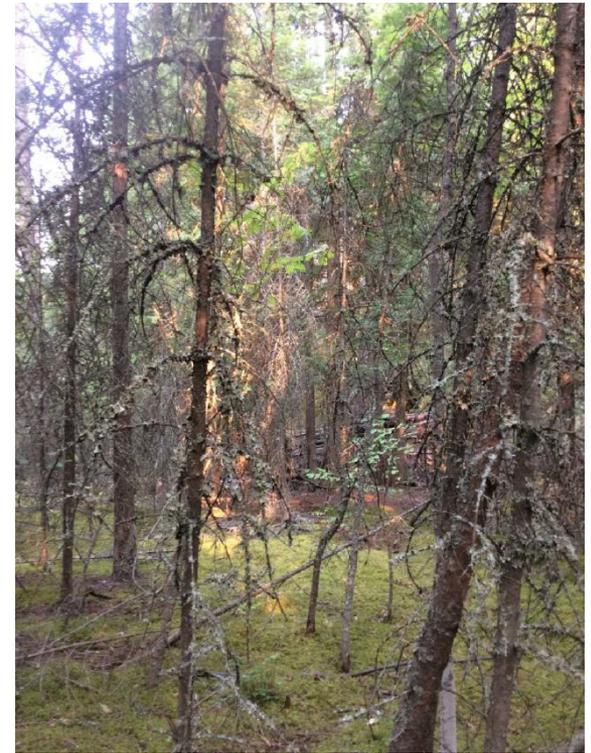


After treatment



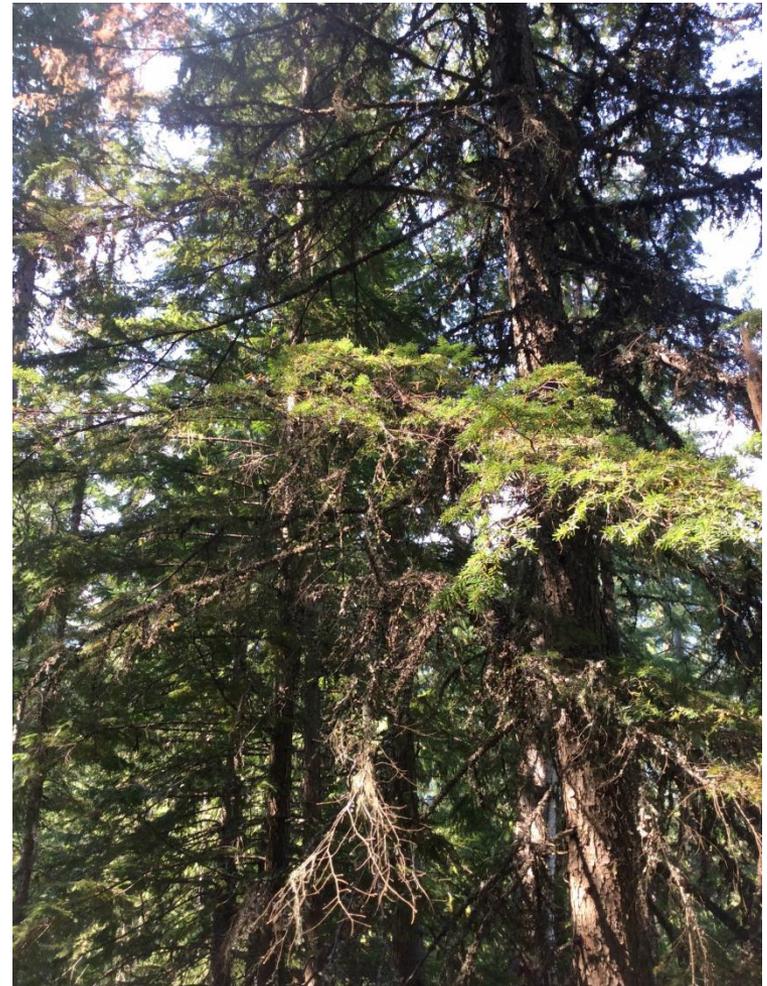
# 2017 Wildfire Threat Assessment Plots

## Edgewood area



# 2017 Wildfire Threat Assessment Plots

## Fauquier



# 2017 Wildfire Threat Assessment Plots

## Burton



# 2017 Wildfire Threat Assessment Plots

## Arrow Park



# 2017 Wildfire Threat Assessment Plots

## Nakusp Area

