



# OPEN HOUSE – AGENDA

May 26, 2021 6:30 – 8:00



1

## Introductions and Message from the Board of Directors

Board of Directors and Management Team from True North Forestry Consulting Ltd.

6:30 – 6:40

2

## 2020 Year In Review

Presentation and Question & Answer Period

6:40 – 7:30

3

## Wildfire Risk Reduction Program Summary

Presentation and Question & Answer Period

7:30 – 7:50

4

## Wrap-Up

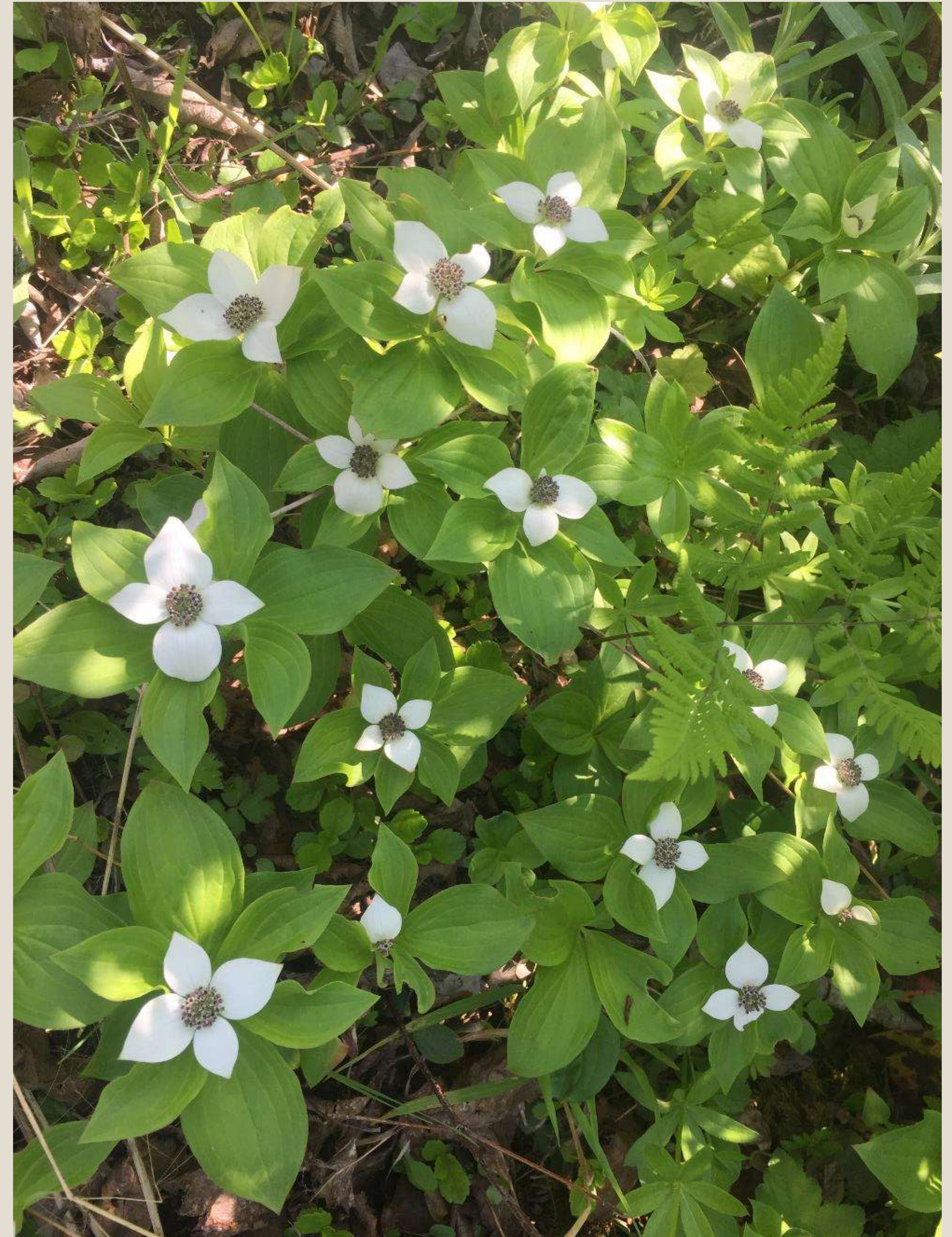
Closing remarks and Contact information for additional questions.

7:50 – 8:00



# HOUSEKEEPING

- The presentation will be recorded.
- Please hold your questions to the end of the presentation; there will be a question and answer period following the 2020 Year In Review section and a question and answer period following the Wildfire Risk Reduction Program Summary.
- Please use the Raise Hand feature to ask a question and the moderator will ask you to unmute your microphone when it's your turn. Please state your name when asking a question.
- Or you can type your question in the Chat window; we will do our best to answer questions in the order received.
- If there is not enough time to answer all questions, responses will be made following the presentation.
- The 2020 Year In Review will be posted to the NACFOR website following the presentation.





# WELCOME

## **VOLUNTEER BOARD OF DIRECTORS (2020–21)**

### **Appointed by the Village of Nakusp**

Melissa Rode, President

John Cann, Treasurer

Aidan McLaren-Caux, Secretary and Village of Nakusp Council Rep

Randy Mackenzie

Anastasia Hewat

Darlene Adair

Patrick Judd

## Message from the Board of Directors

Governance for NACFOR is provided by a volunteer Board of Directors. As directors, we come from many different backgrounds and provide differing viewpoints when faced with decisions. Some of our directors come from an engineering, health care, education and forestry background. The differences in experience, and the healthy discussion that goes along with it, provide strength to NACFOR. It is very important to maintain a diverse and interested Board which draws from past experience but also looks to the future. Some of the high points for 2020 were:

- Navigating successfully and meeting goals through the COVID-19 pandemic
- Completing a business plan update
- Undertaking Board Training to increase capacity



## Management Team: True North Forestry Consulting Ltd.

Hugh Watt, RPF – General Manager

Frances Swan, RPF – Project Manager

Erin McLeod, FIT, BIT – Senior Technician

Kathleen Ennis, CET – GIS Mapping Specialist

Beth McLeod, BSc – Office Manager



[NakuspCommunityForest.com](http://NakuspCommunityForest.com)



**NAKUSP AND AREA  
COMMUNITY FOREST**

## 2020 YEAR IN REVIEW

### QUICK FACTS ABOUT YOUR COMMUNITY FOREST:

**AAC**

**20,000** m<sup>3</sup> Allowable Annual Cut

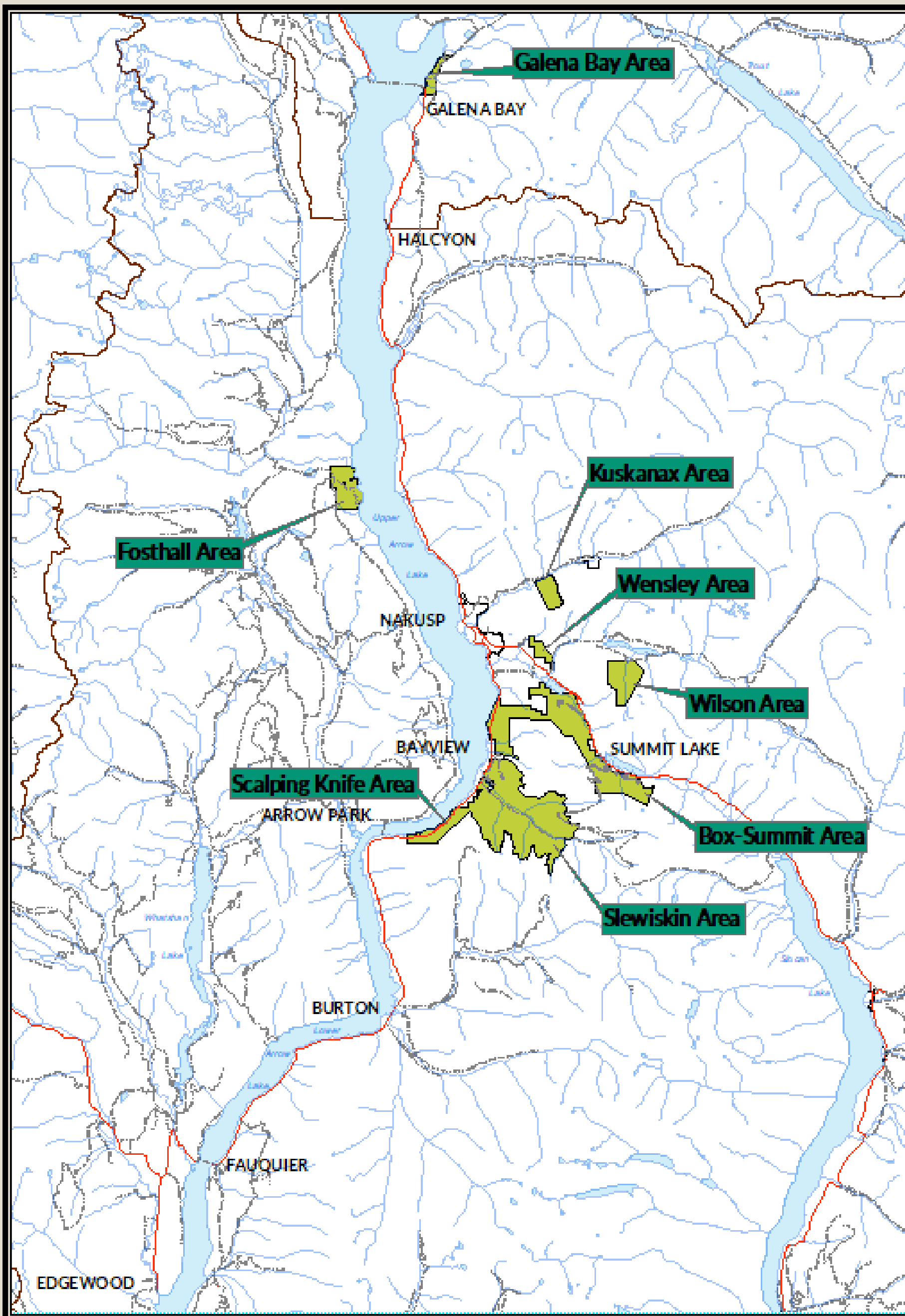
**GROSS AREA**

**9,192** ha Community Forest Agreement  
(CFA) total land base

**WORKING FOREST**

**6,367** ha Timber Harvest Land Base  
(Forsite, 2018)

**ESTABLISHED IN 2007  
AND 100% OWNED BY:**





# MANAGING OUR BUSINESS

## GOVERNANCE

The **Village of Nakusp** is the sole shareholder of NACFOR

**NACFOR** is governed by a volunteer **Board of Directors** representing the public, stakeholders and local government

**Managed under CONTRACT** by True North Forestry Consulting – contract is competitively tendered every five years

**No direct staff** – All operations are done on a contract basis

During 2020, the **NACFOR Board of Directors** continued to build governance capacity and to strengthen the governance framework.

In October, the Board and Management Team participated in leadership training from the **Community Futures Leadership Institute**.

## Community Forest Agreement



# NACFOR Sustainability

## Company Statements

### Mission

To provide social, environmental and economic benefits to the local community by sustainable management of a forest land base.

### Vision

To be a long term, integral part of the community by providing benefits and connecting the community and natural environment in meaningful ways.

### Values

- Independent
- Transparent
- Adaptable
- Community
- Profitable
- Fair
- Learning
- Risk Reduction
- Safety
- Local Participation
- Leverage
- Research
- Environmental Stewardship
- Waste reduction
- Constant Improvement
- Accountable

**Economy**

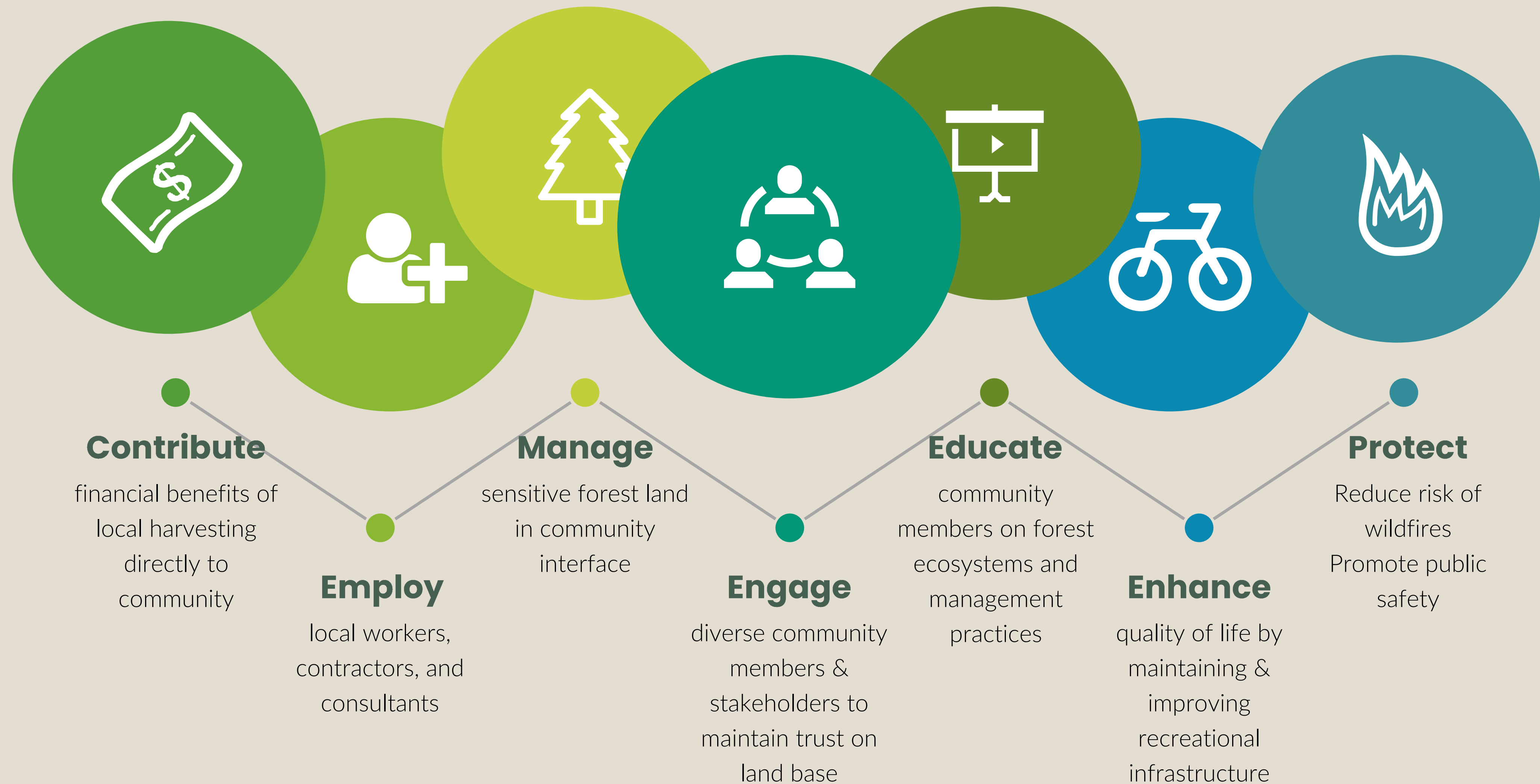
**Social License**

**Environment**

**Community**

# Benefits of a Community Forest

To the local governments, residents, & businesses





# MANAGING OUR BUSINESS

## BUSINESS ACTIVITIES AND STRATEGIC PROJECTS

### BUSINESS PLAN UPDATE

The new Business Plan was adopted in early 2021.  
[Download Business Plan Summary](#)

### COMMITTEE OVERSIGHT

Board Committees: **Policy, Finance, Scholarships, Conflict Resolution, Manufacturing/Utilization/Marketing, Communications, Wildfire**

### LAND BASE INITIATIVE

Secure sustainable **NACFOR land base** to continue providing local benefits into the future

### LOCAL FORESTRY INITIATIVES

The **Manufacturing/Utilization/Marketing Committee** is overseeing several initiatives

### FISCAL MANAGEMENT

Planning and tracking of finances

### DATA MANAGEMENT

Maintain secure **data management systems** for NACFOR operations

## NACFOR SUCCEEDING

WHAT IT LOOKS LIKE

### SOCIAL BENEFIT

Educated, involved community  
Wildfire risk reduction  
Dividends & donations  
Trails

### ECONOMY

Optimum timber utilization & value  
Local employment  
Efficient logging technology

### ENVIRONMENT

Forest & wildlife management practices reflect current research  
Compliance with Environmental and Safety Management System

### SUSTAINABILITY

Financial reserve  
Sustainable land base  
Business capacity

### GOVERNANCE

Trained, capable board  
Relevant policies  
Strategic plan, Succession plan



## COMMUNICATIONS

*NACFOR provides information on operations and activities to the public*

### NOTICES

Notices to community in local newspapers, on local bulletin boards, posted to our website and our facebook page.

### PRESENTATIONS

Annual Open House and Village Council presentation.

### NATIONAL FOREST WEEK ACTIVITIES

A hike and interpretive talks with NES students; advertised for a Wildfire Risk Reduction info session, advertised for a Jackrabbit Trail guided hike.

### COMMUNICATION ACTION PLAN

The Communications Committee developed a strategy with a range of branding and communication actions and audiences.



# 2020 OPERATIONAL HIGHLIGHTS

## OPERATIONS

**HECTARES LOGGED**  
48 ha.

**TOTAL VOLUME LOGGED**  
30,165m<sup>3</sup>

**TRUCKLOADS**  
665 logging truckloads

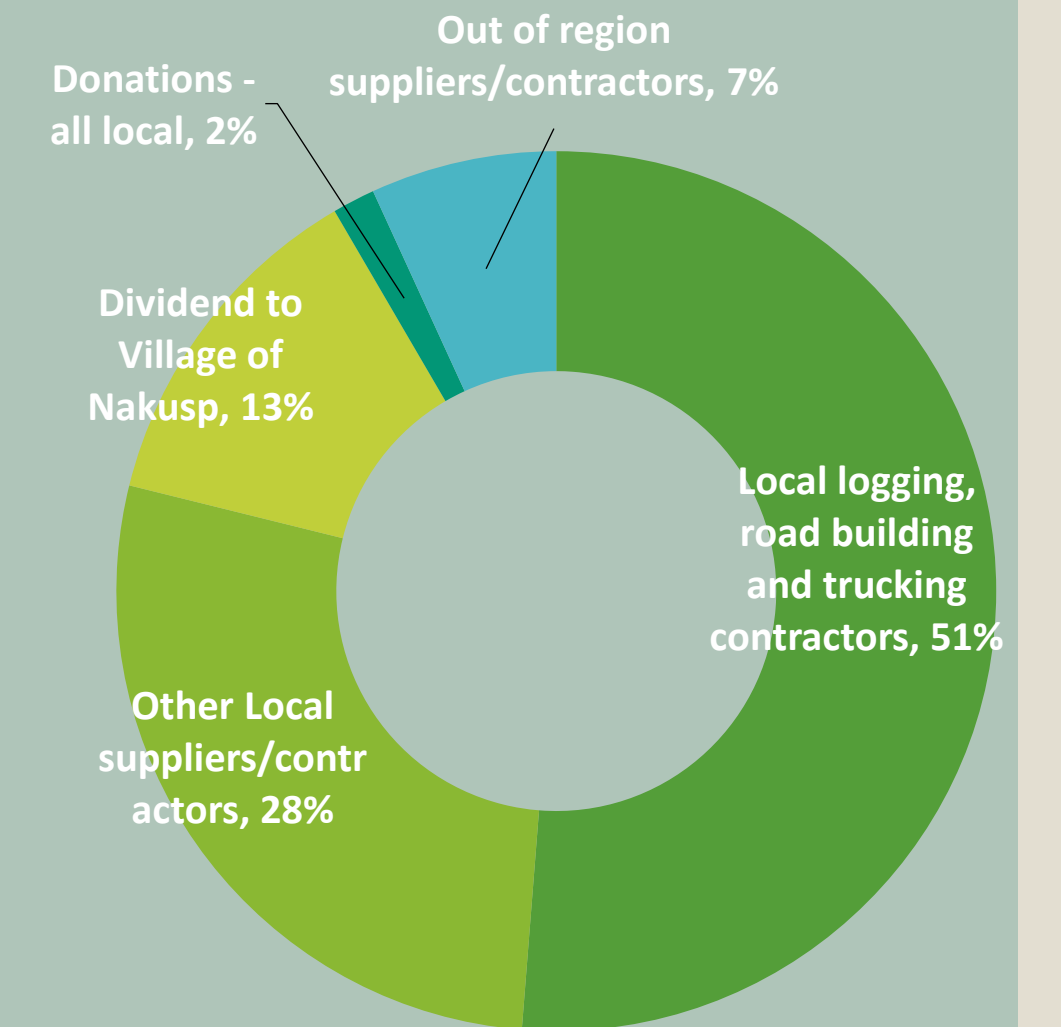
**LOCAL DIRECT JOBS**  
2940 person days

**TOTAL VALUE OF LOG SALES**  
in 2020

**\$2,990,819**



## 93% OF SPENDING STAYS LOCAL



**TOTAL EXPENDITURES**  
in 2020

**\$2,748,971**

Volume and Log Sales Since 2009



## OPERATING DURING THE COVID-19 PANDEMIC

### Harvest Opportunities

CONTRACTOR AVAILABILITY AS A RESULT OF MAJOR LICENSEE SHUTDOWNS; RAMPED UP PRODUCTION TO MEET BUYER DEMAND AND TAKE ADVANTAGE OF GOOD WOOD PRICES

### Support for Contractors

SECURE WORK DURING SHUTDOWN; ENSURE SAFE WORKING CONDITIONS; PROVIDE INFORMATION ABOUT HEALTH AND SAFETY RESOURCES AND RESOURCES FOR FINANCIAL ASSISTANCE

### Community

PROVIDE STEADY EMPLOYMENT FOR LOCAL CONTRACTORS; SUPPORT LOCAL BUSINESSES, DIVIDEND, DONATION PROGRAM



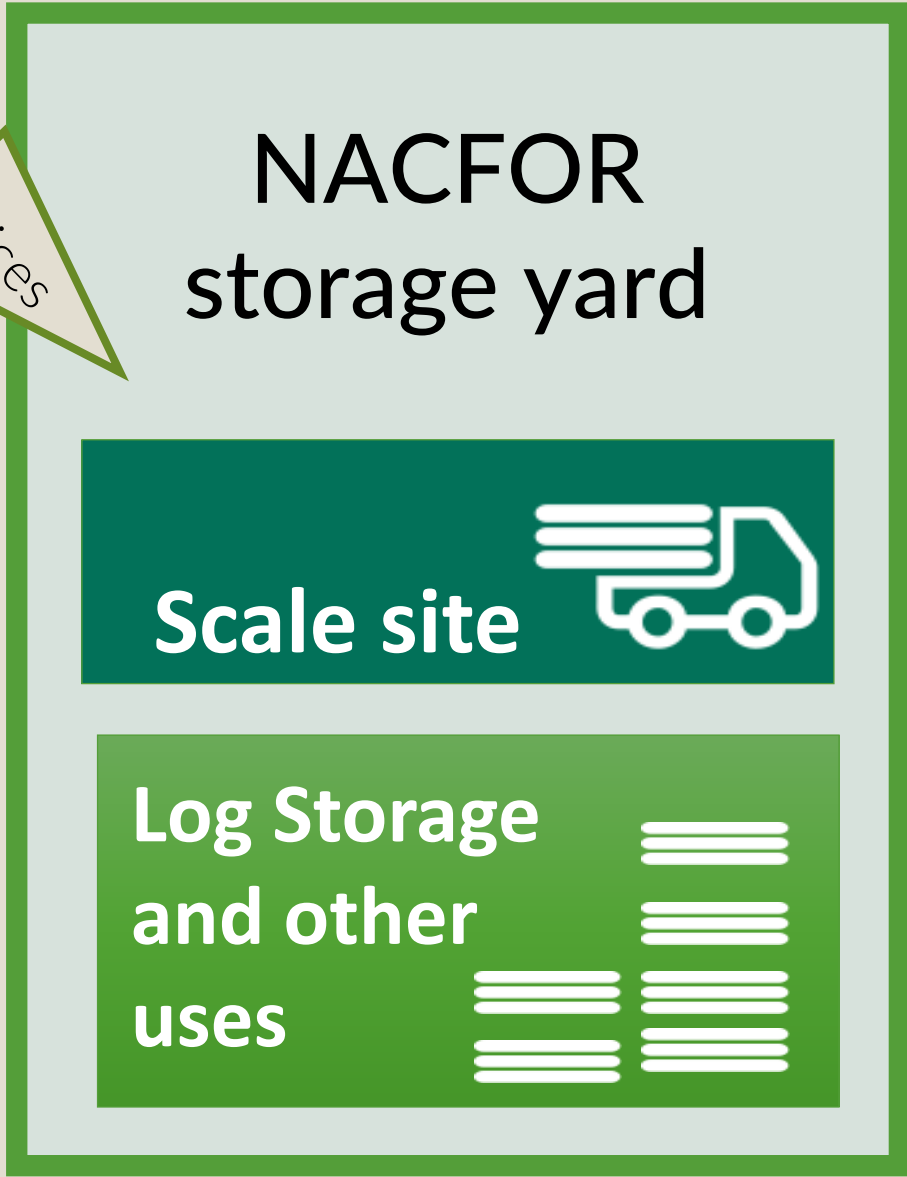




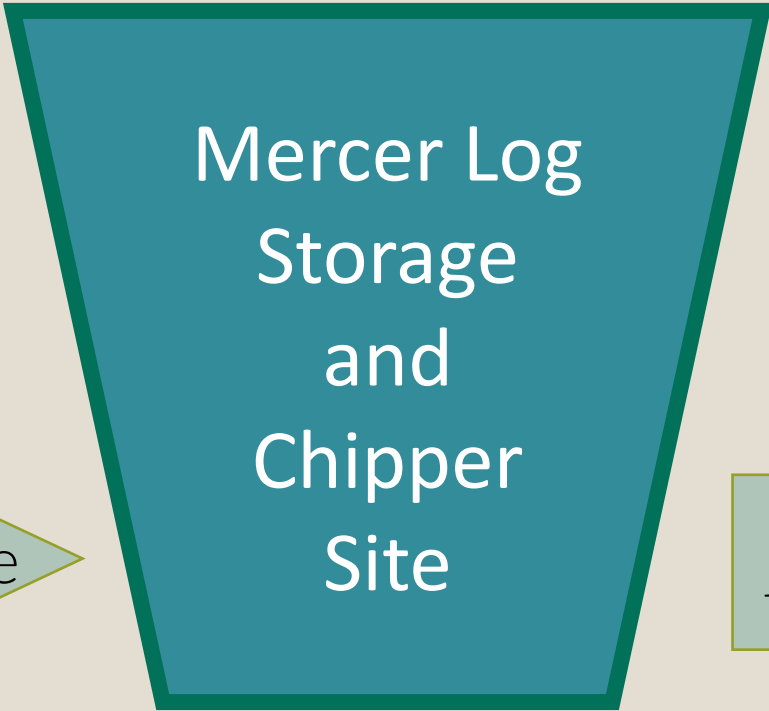
# FIBRE UTILIZATION PROJECT

Other weigh scale services

LOW VALUE,  
UNDERSIZED LOGS that  
would otherwise be burned  
on the landing



To log storage site



Logs, chips & hog fuel  
to Castlegar



Local Trucking Opportunity

Wood directed locally



Future Opportunities

VOLUME TO APRIL 2021  
**15,000 m<sup>3</sup>**

## NACFOR-MERCER LOG SCALING AND CHIPPING

### Goals:

- IMPROVE UTILIZATION OF LOW VALUE AND UNDERSIZED LOGS
- DEVELOP LOCAL ECONOMIC OPPORTUNITIES
- INCREASE FIBRE VOLUME AND FLOW TO MERCER PULP MILL IN CASTLEGAR (approximately 60,000 m<sup>3</sup>/yr)

### Benefits:

- LOCAL JOINT VENTURES
- REDUCE CARBON EMISSIONS BY REDUCED SLASH BURNING
- UTILIZATION OF FIBRE FROM WILDFIRE RISK REDUCTION PROJECTS
- FACILITATE FUTURE MANUFACTURING OPPORTUNITIES

**5  
LOCAL  
JOBS  
CREATED**





# 2020 COMMUNITY HIGHLIGHTS

## IN THE COMMUNITY: RECREATION

### 7 km TRAILS

Maintenance on the 7 km of NACFOR trails at Arrow Park, Galena Bay and Wensley Creek

### 2 PICNIC AREAS

Maintained picnic sites at Arrow Park Trail and Galena Bay Trail



## IN THE COMMUNITY: EDUCATION

Investment of \$8,650 in educational programs and activities

### 65 NES students

hiked the Jackrabbit Trail, Arrow Park Trail and did a nature walk through the park to celebrate **NATIONAL FOREST WEEK**



2020 DIVIDEND TO VILLAGE OF  
NAKUSP – NACFOR LEGACY FUND

**\$400,000**

DONATIONS TO ORGANIZATIONS  
in 2020

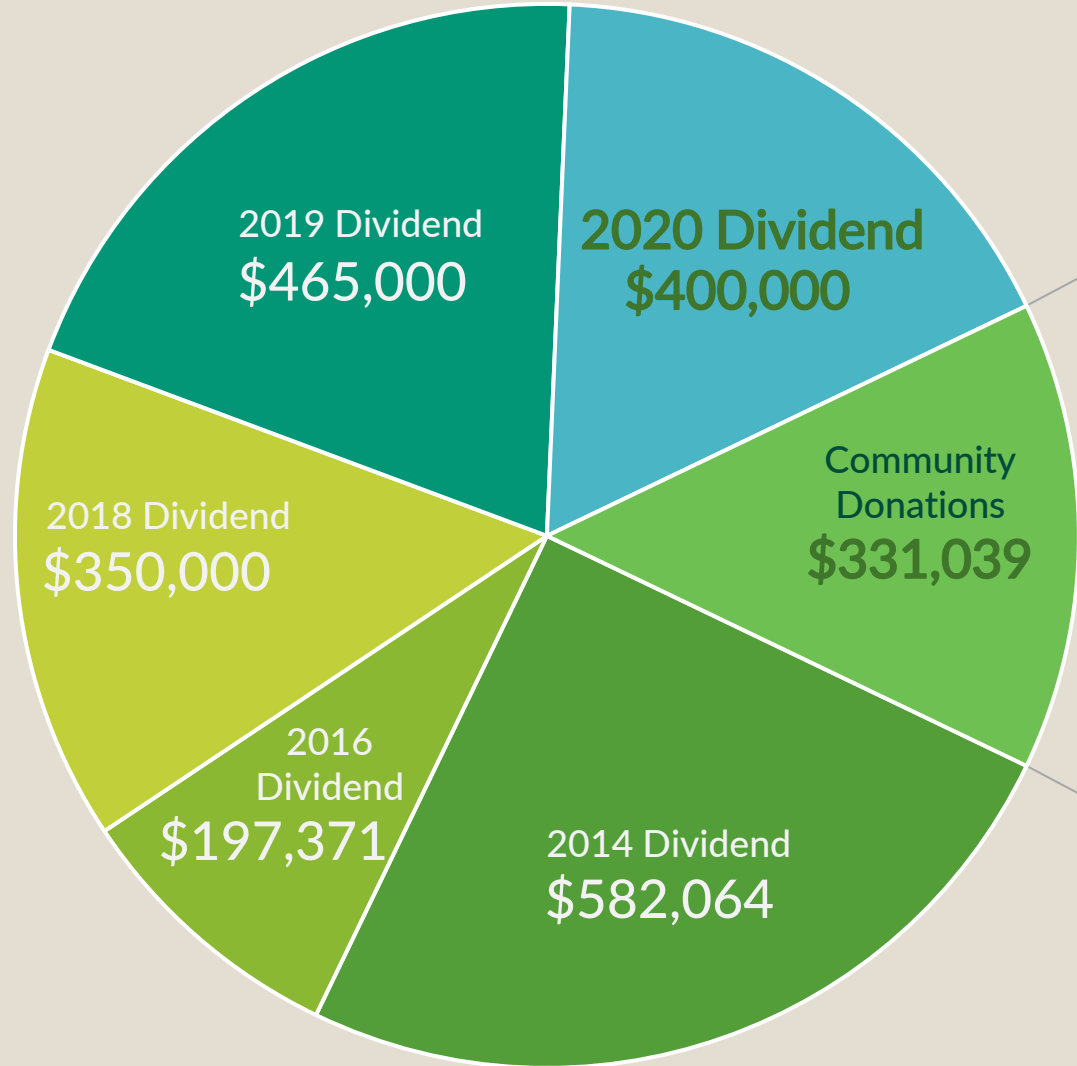
**\$49,141**

NACFOR provides annual **scholarships and bursaries** to NSS graduates entering post-secondary studies in programs that support the NACFOR mandate.





PROFIT DISTRIBUTION OVER THE YEARS



NACFOR Community Donations by Year

|      |          |
|------|----------|
| 2014 | \$52,616 |
| 2015 | \$33,776 |
| 2016 | \$48,800 |
| 2017 | \$50,012 |
| 2018 | \$49,188 |
| 2019 | \$47,506 |
| 2020 | \$49,141 |

Includes Firewood, In-Kind and Purchased Donations

COMMUNITY CONNECTIONS

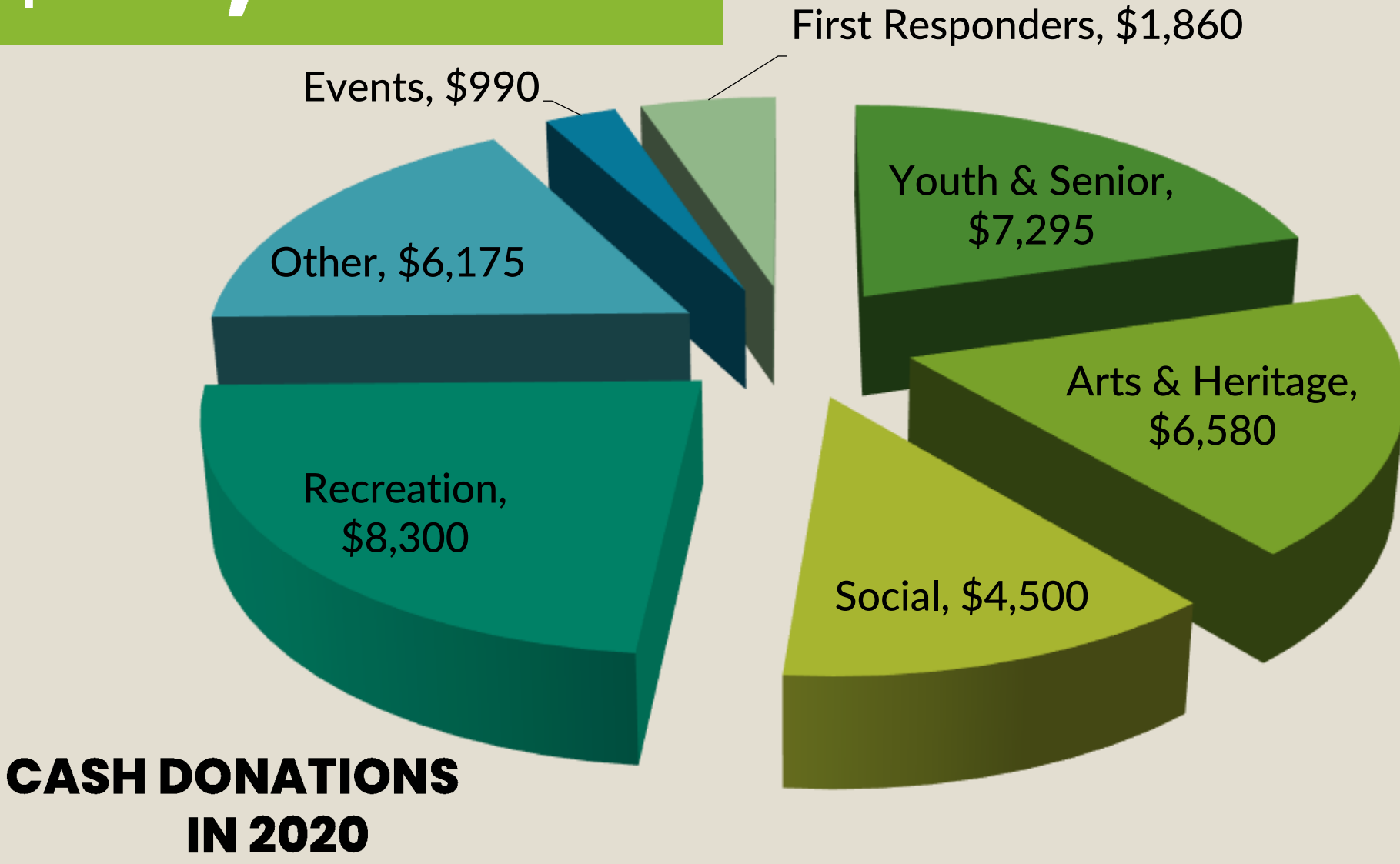


CLOCKWISE FROM LEFT: NACFOR board members presenting the 2020 Dividend cheque to the Village of Nakusp, NACFOR meeting with the Arrow Lakes Cross-Country Ski Club board, the breakwater at the Nakusp Marina installed using legacy funds, the Arrow and Slokan Lakes Community Services firewood project.



TOTAL DIVIDENDS  
TO NACFOR LEGACY FUND SINCE 2014  
**\$1,994,435**

TOTAL CASH DONATIONS  
in 2020  
**\$35,700**



CASH DONATIONS  
IN 2020



NATIONAL FOREST WEEK

Nakusp Elementary School students learned about local tree species, how to count tree rings, and hiked the Jackrabbit Trail.





# FOREST OPERATIONS

## Operational Challenges:

- Managing operations despite limited contractor availability and capacity
- Building new capacity in harvesting operations
- Increased costs
- Planning and harvesting on a constrained land base – i.e. visual impacts, wildlife, community and domestic watersheds, geotechnical, big trees, old growth
- Some proposed development areas constrained by difficult access
- Balancing management priorities to meet changing community needs

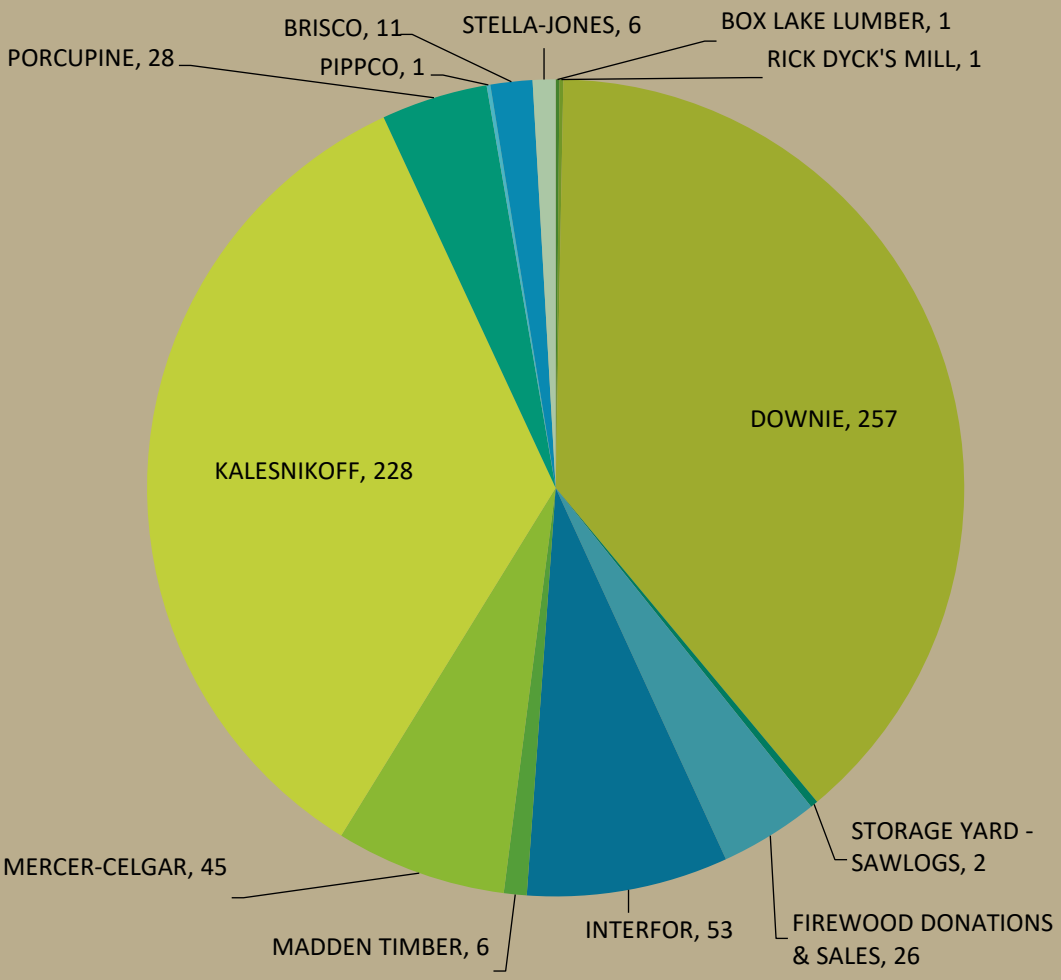
### 2020 PLANNING and DEVELOPMENT

Focused on forest health management – planning and development of Douglas-fir bark beetle salvage areas in order to reduce impacts to the community forest timber supply and realize value



NACFOR partnered with BC Wildfire Service to carry out a **prescribed burn** in a NACFOR cutblock in the McDonald Creek area. Objectives of the burn are to increase plantable spots, reduce slash creep, reduce brush competition, and mitigate wildfire risk by reducing ground fuels.

## TRUCK LOADS DELIVERED IN 2020



### SURVEYS

Silviculture surveys of reforested cut blocks to monitor plantation establishment and growth

### PLANTING

**160,000** seedlings planted in compliance with the NACFOR stocking standards

### BRUSHING

**70** hectares brushed to control competing vegetation and improve seedling survival

### SOWING

**43,400** seedlings

TOTAL 2020 SILVICULTURE EXPENDITURES IN 2020

**\$209,957**

## Environmental & Safety Management System

*A systematic approach to managing aspects of NACFOR's operations to ensure a safe work environment and minimize impacts on the environment*

### INSPECTIONS

**130** Harvesting, road construction, development and silviculture

### INCIDENTS

**4** Environmental, safety and close calls

### NON-CONFORMANCES

**22** Represents 0.6% of potential non-conformances across all inspections

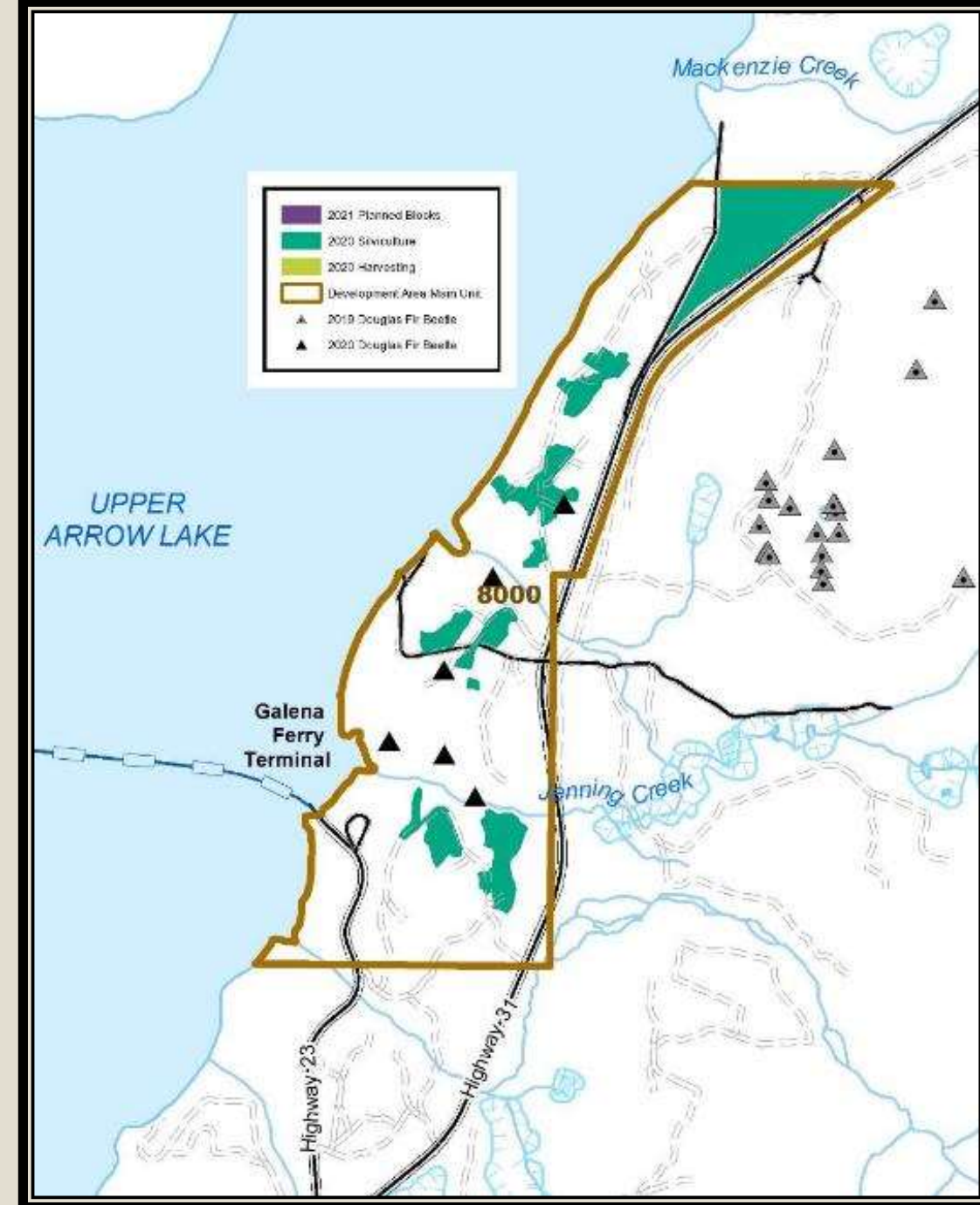
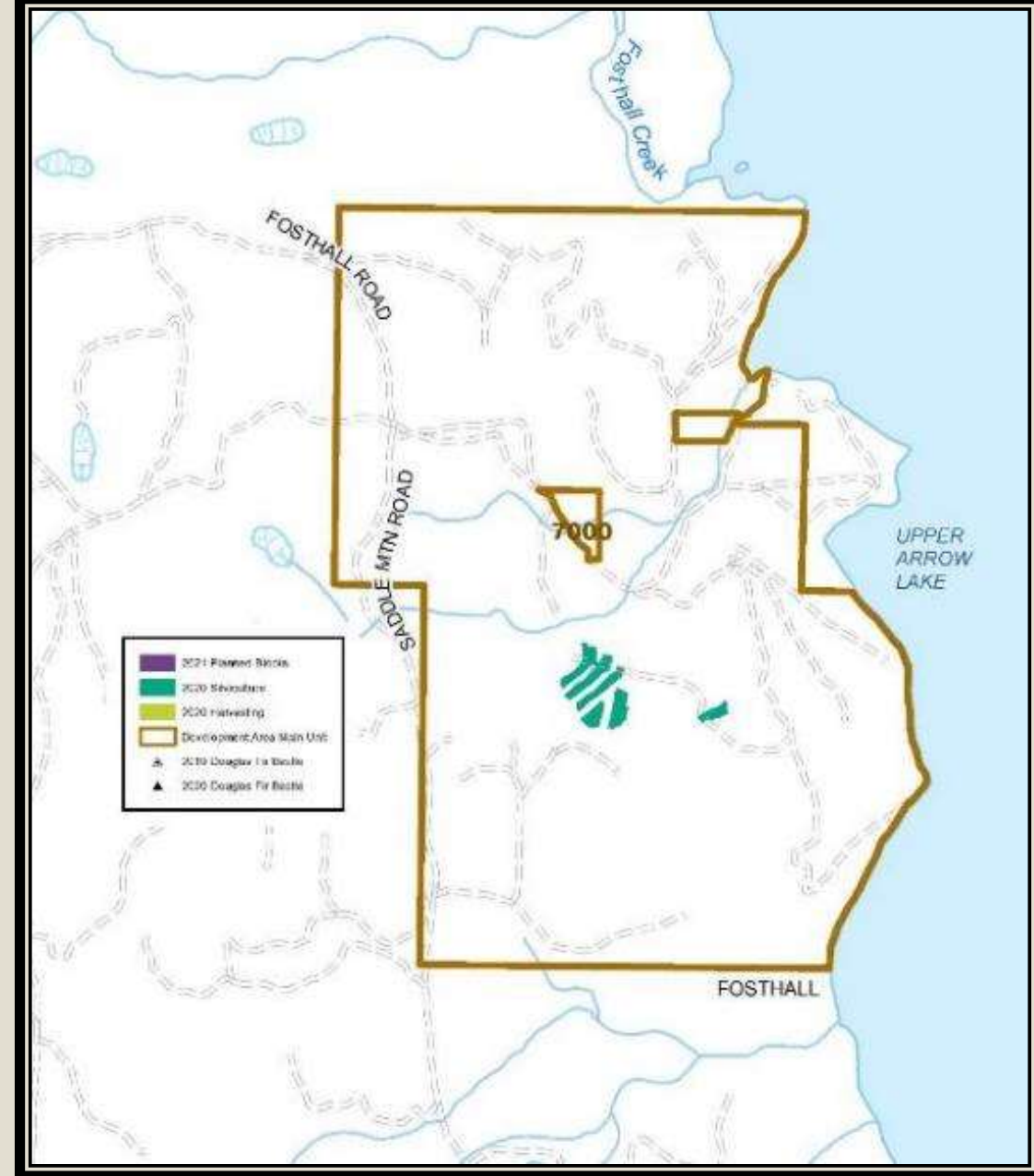
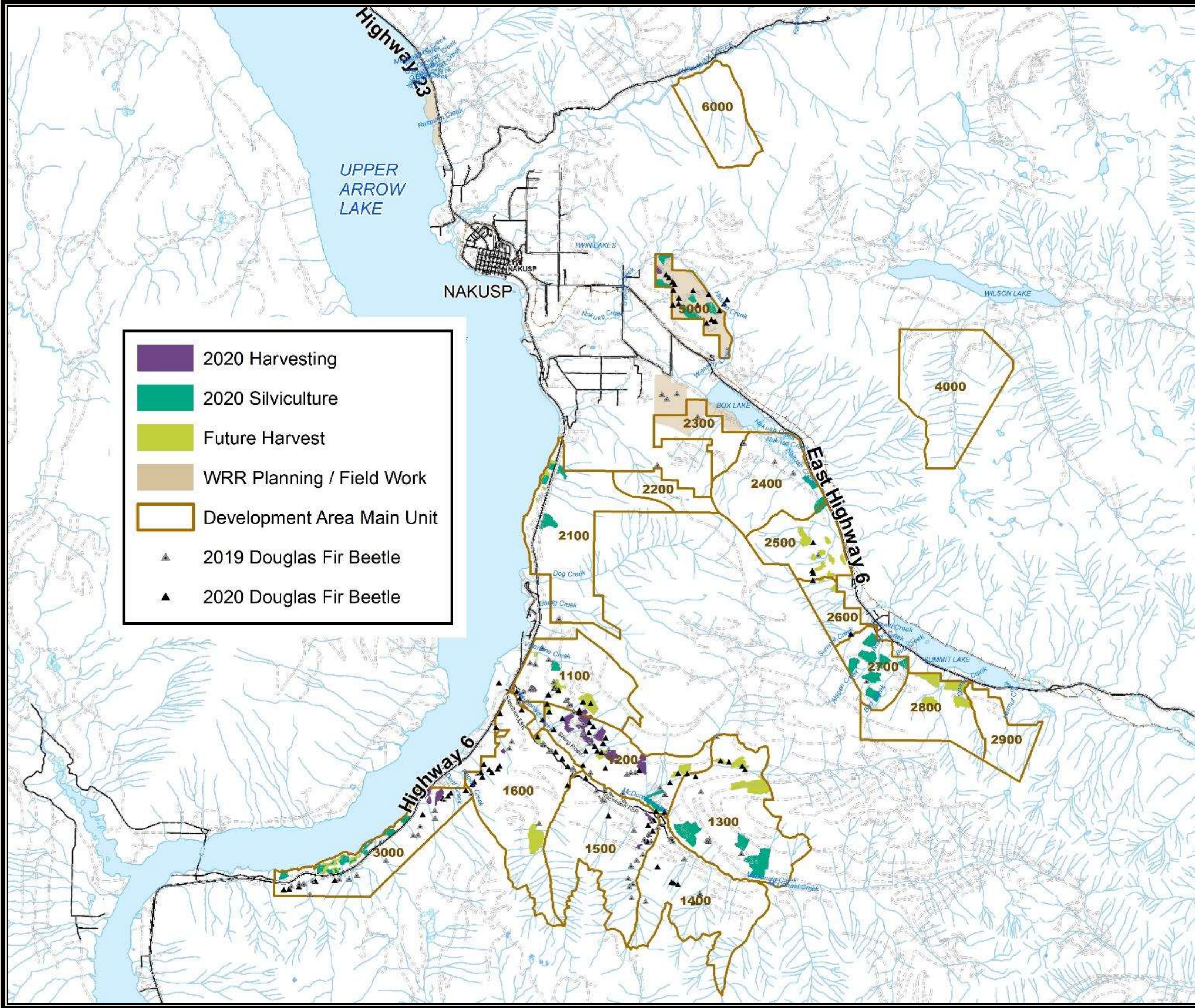
### KEY AREAS FOR IMPROVEMENTS IN 2021:

- ensuring on-site communication requirements are met
- conforming with environmental standards for spill kits and fire tools
- managing minor environmental aspects during operations





## 2020 FOREST OPERATIONS

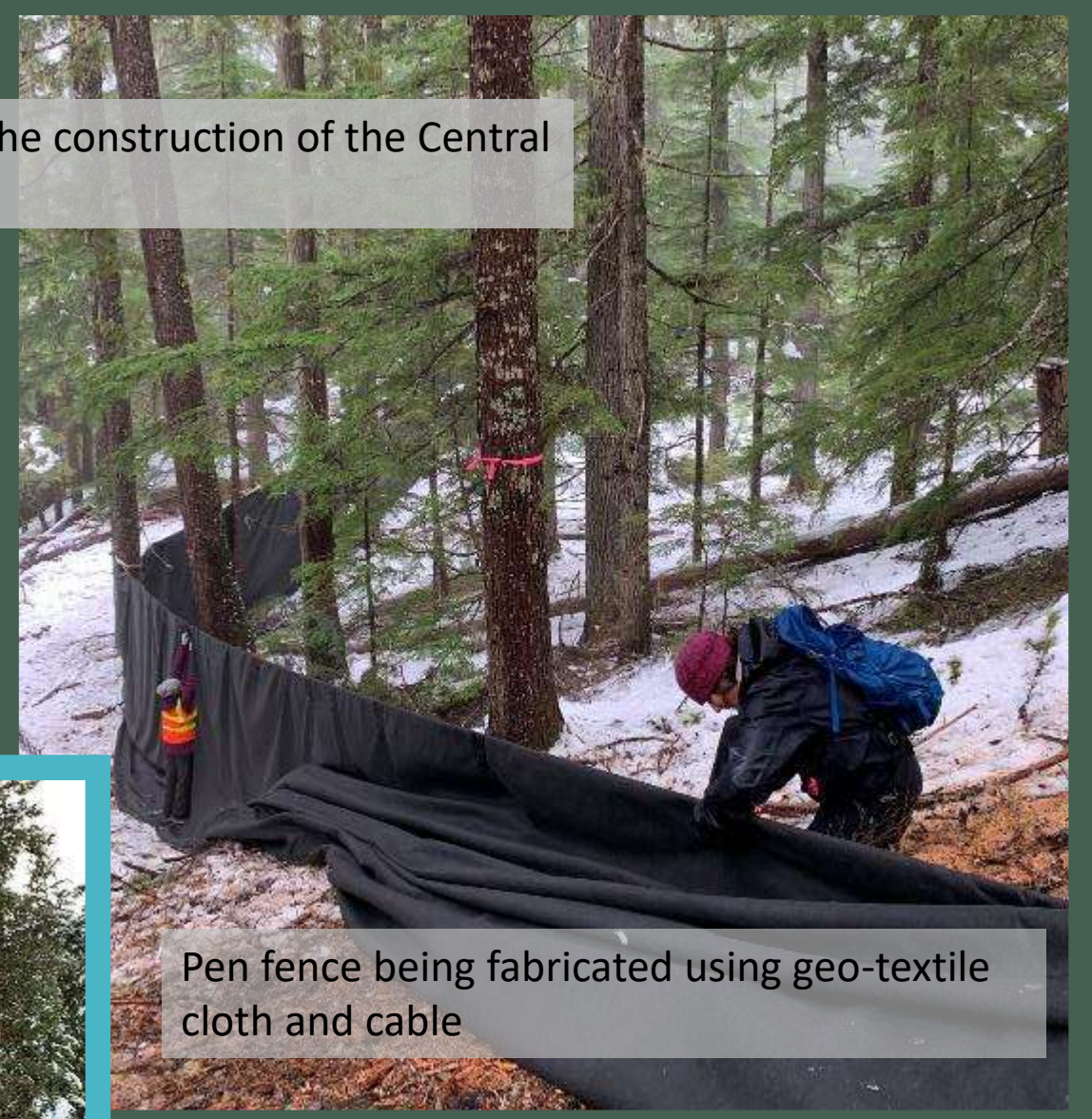
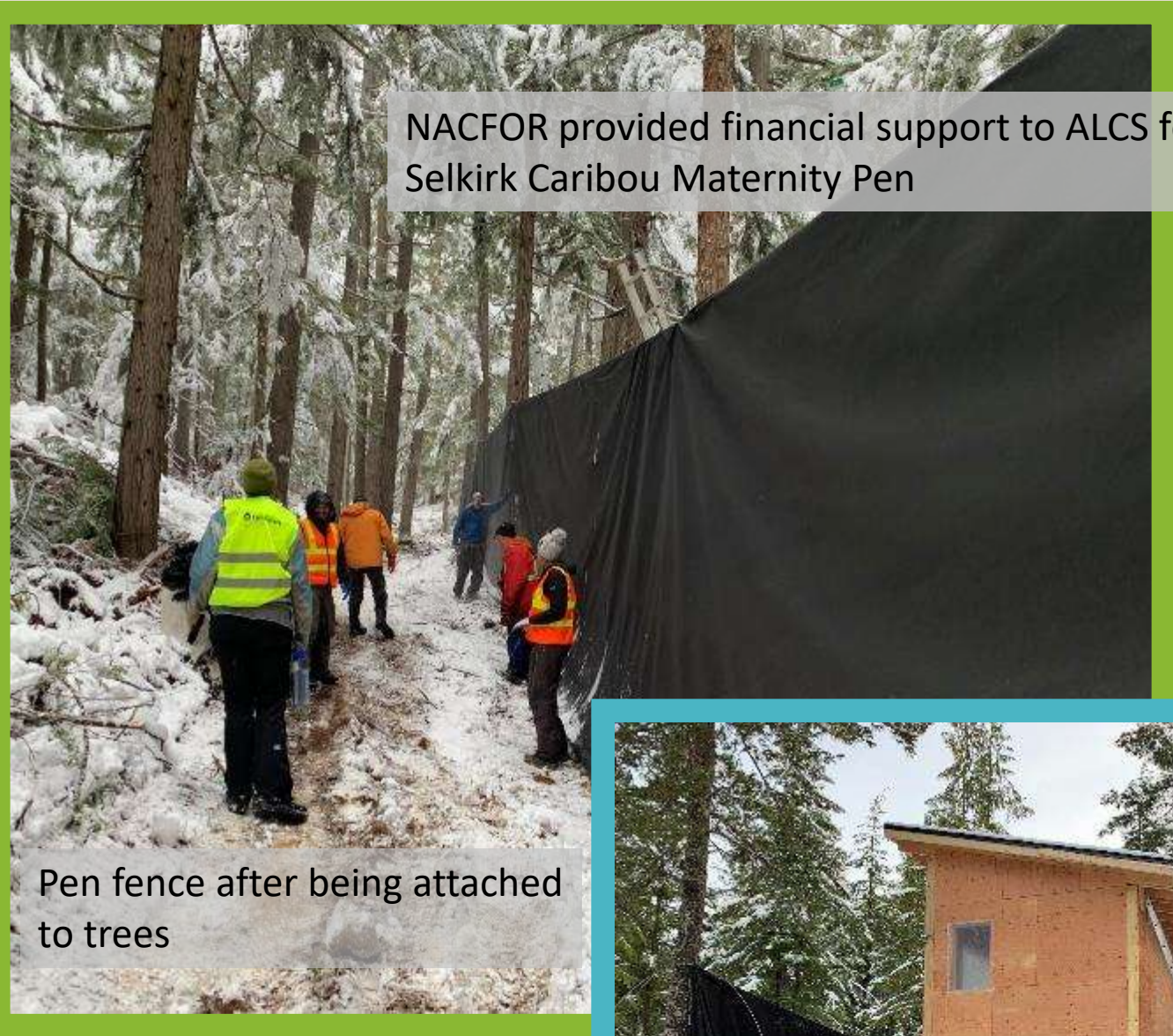
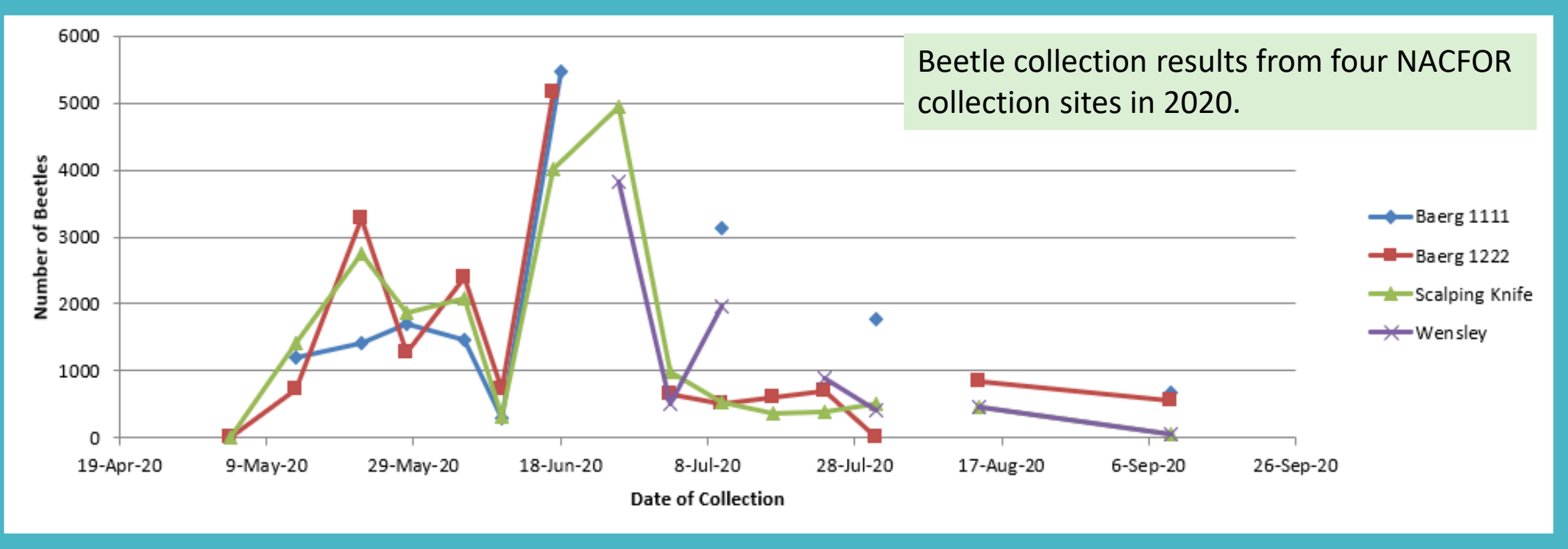




# Douglas-Fir Beetle Funnel Traps

# STEWARDSHIP

# Arrow Lakes Caribou Society





# LOOKING FORWARD

Where we are going in 2021 – 2023 and beyond



## Operational Planning

Planning, fieldwork and resource assessments to maintain Standing Timber Inventory (STI), ready for harvest



## Wildfire Risk Reduction

Help to facilitate local WRR work  
Developing prescriptions  
Planning and carrying out operations to enhance public safety



## Land Base

Carry forward with Land Base Initiative project to ensure NACFOR has a sustainable land base to provide local benefit into the future



## Operations

Douglas-fir bark beetle management – ongoing trap tree program and recce to monitor spread  
Salvage logging of infestations to recover value and minimize spread.  
Planting and tending to the next crop of trees



## Business Management

Operate a successful business  
Providing returns to community  
Being nimble to react to changed conditions  
Succession planning



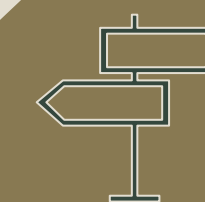
## Governance

Committee work especially in communications and manufacturing  
Board of Directors working with mgmt. to provide strategic direction  
Board succession



## Manufacturing

Examine and foster manufacturing opportunities



## Build Capacity

Specialized Workers and Right sized Equipment



# 2020 YEAR IN REVIEW



**QUESTIONS?**

Please use the RAISE HAND feature to ask a question and the moderator will ask you to unmute your microphone when it's your turn.

Or you can type your question in the CHAT window; we will do our best to answer questions in the order received.

**NEXT UP:**

**WILDFIRE RISK REDUCTION PROGRAM**



# Wildfire Risk Reduction Program Summary

## Why do Wildfire Risk Reduction around Nakusp and Area K?

### The Provincial Government

**mandate** to do wildfire risk reduction work has been accelerated since damaging **interface fires** in Kelowna and Williams Lake areas.

To **reduce** potential fire intensity and create a **defendable space** around Nakusp and the interface communities.

Collect data and examine **historic fires** around Nakusp, both human and lightning caused.



More **consciousness** of the natural environment, **management strategies**, and the ecological importance of natural disturbance regimes after many years of fire suppression.

More **rural residents**, increased use of interface areas, and **recreation activities**.

Towns are expanding outwards into **interface areas**.

The proposed fuel treatment units around rural Nakusp identified in the Community Wildfire Protection Plan (2017) create a community-scale wildfire fuel break to protect values and infrastructure in the Wildland-Urban Interface and Village of Nakusp.

The following animation was produced by the RDCK Wildfire Risk Reduction Group, which is a pilot project that NACFOR will participate in over multiple years.



**Nakusp Community Wildfire Resiliency animation**



# Wildfire Risk Reduction Program Summary

## Why NACFOR?

Wildfire risk reduction was identified **as one of three strategic directions for NACFOR.**



### Interface Areas

Interface areas are a mosaic of land owners and jurisdictions. There are 5 different forest licensees in the Nakusp interface, including: NACFOR, Interfor, Stella Jones, a woodlot licensee and BC Timber Sales.

### First Steps and Planning

Community Wildfire Protection Plan development and identification of priority areas for fuel reduction and treatment (2017).

### Multi-Agency Task Force

Refinement of wildfire risk reduction work around Nakusp and Area K involving RDCK emergency services, B.C. Wildfire Service, MFLNRORD staff, and NACFOR and other forest licensees.

### NACFOR's Role

NACFOR is taking on the role of planning in a comprehensive manner and facilitating treatments.

## Local Land Management

NACFOR is a **local land manager and stakeholder** with a Board of Directors made up of Nakusp and Area K residents.

Wildfire risk reduction fits with **NACFOR's Mission, Vision, and Values** to benefit the community.

NACFOR has the *ability and resources* to undertake the planning and implementation of wildfire risk reduction tasks *on behalf of the Village of Nakusp and RDCK.*



### Unit 8, Airport Road

An example of blowdown, ground and ladder fuels in treatment area.

Windthrow has caused significant damage in the stand, creating a high wildfire hazard to nearby infrastructure and homes.

Proposed treatment is to remove dead and damaged stems from the stand and to reduce overstory stems to approximately 350 stems per hectare.

All deciduous species and large healthy Douglas-fir, cedar and White pine will be retained.

Ground and ladder fuels will be utilized for pulp or chipped / burned on site.



# Wildfire Risk Reduction Program Summary

## Community Wildfire Protection Plan (CWPP)

Identifies the *wildfire risks* within and surrounding a community

Describes the **impacts** of previous and potential **wildfires** in the area

Develops a **plan to reduce** wildfire risk within and surrounding communities

Proposes fuel treatment units to create a **community-scale wildfire fuel break**

## FireSmart Canada is a national initiative to:

### Reduce wildfire risk

Reduce wildfire risk in populated areas and on private property

### Educate Canadians

Educate Canadians on the steps they can take to protect their family, property, and community from wildfire

### Promote teamwork

Promote interagency cooperation in wildfire management

## NACFOR and RDCK deliver FireSmart activities to Nakusp and Area K, including:

Home Partners Program **home and property assessments**

**public education** and outreach

**FireSmart representative** attends local events to promote FireSmart programs and educate the community on wildfire preparedness and risk mitigation

FireSmart Canada **Neighbourhood Recognition Program**. Two communities were recognized in Area K in 2020 – West Arrow Park and Dog Creek.

The **RDCK Area K and Nakusp CWPP** was prepared by NACFOR under contract with RDCK and was **approved June 2018**.

**Funding** for CWPP development provided by:

- Strategic Wildfire Protection Initiative (SWPI)
- Regional District of Central Kootenay (RDCK)
- Village of Nakusp
- NACFOR Legacy Funds (Nakusp and Area K)
- Columbia Basin Trust
- NACFOR

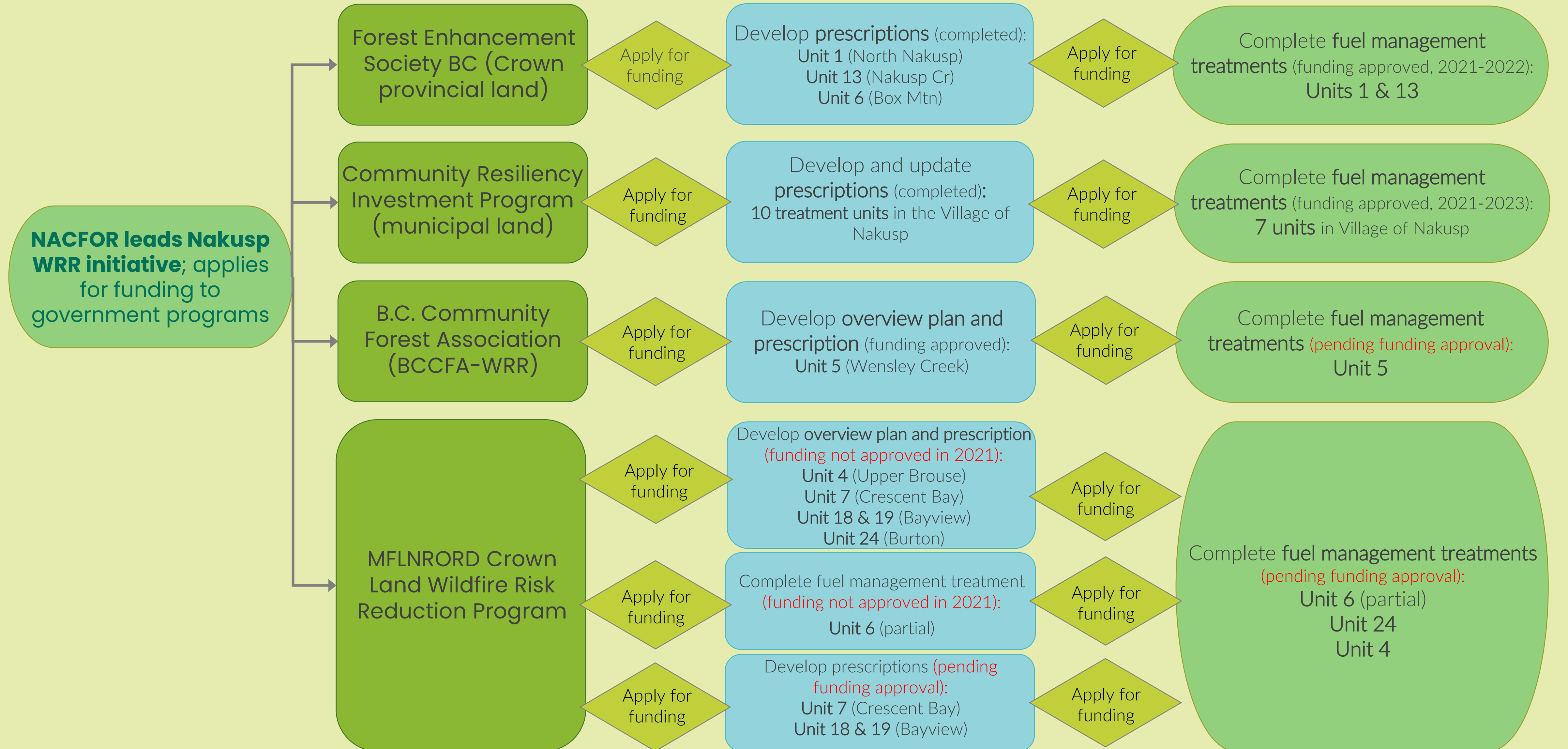


| FireSmart Program, Nakusp and Area K |              |          |
|--------------------------------------|--------------|----------|
| Year                                 | Delivered by | Funding  |
| 2017                                 | NACFOR       | \$10,000 |
| 2018                                 | RDCK         | \$10,000 |
| 2019                                 | RDCK         | \$10,000 |
| 2020                                 | RDCK         | \$13,000 |
| 2021                                 | RDCK         | \$13,000 |

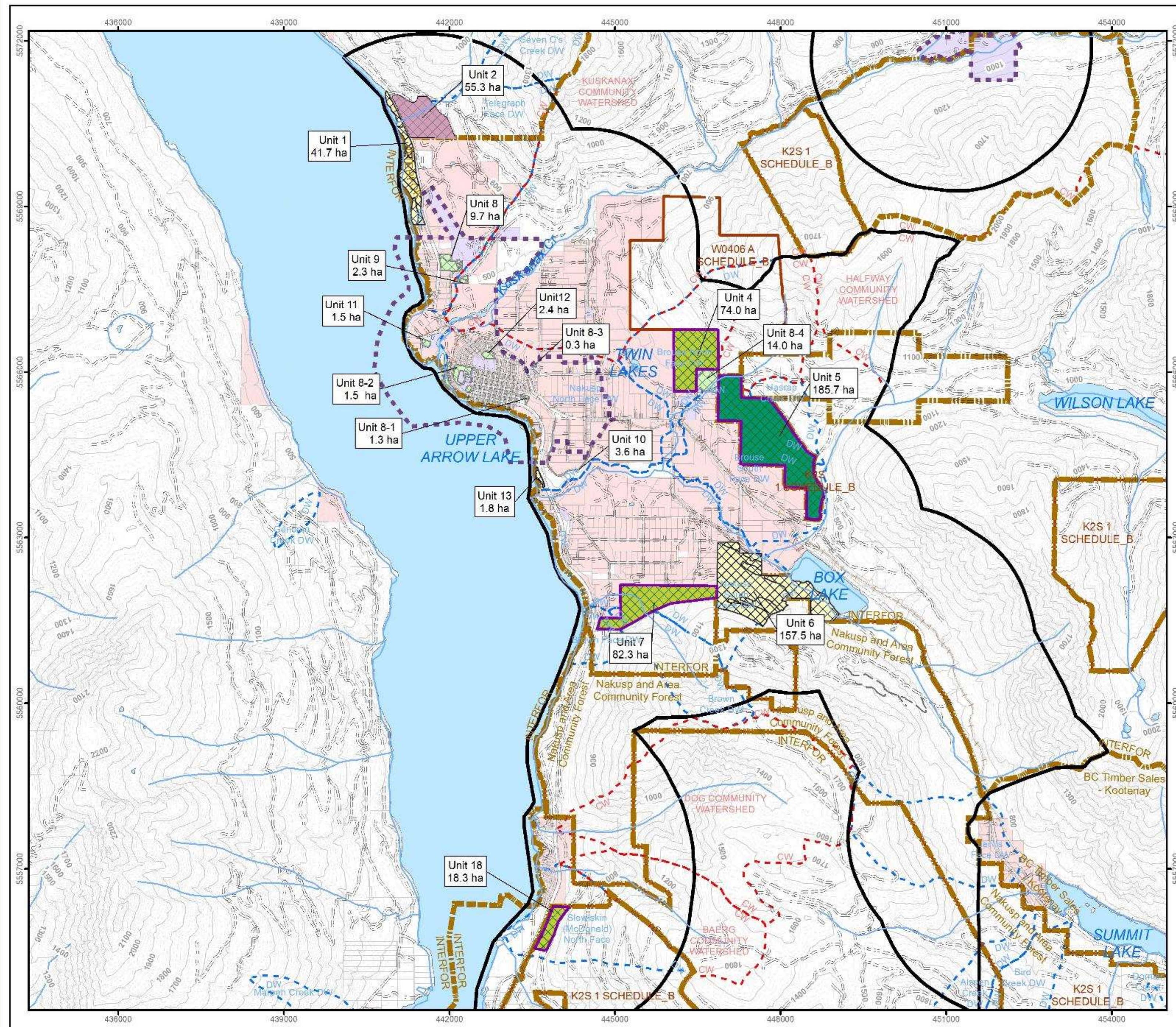



# Wildfire Risk Reduction Program Summary

Local and provincial governments set strategic priorities and provide funding for Nakusp and RDCK Area K wildfire risk reduction activities










## NACFOR 2020 WILDFIRE RISK REDUCTION OVERVIEW MAP

- WTA Fuel Assessment Plot
- River / Creek
- WUI Proposed Interface Fuel Management Areas 2020 - NACFOR
- ▨ FES Approved Treatment Unit
- ▨ CRIP Approved Treatment Unit
- ▨ MFLNROD WRR
- ▨ BCCFA WRR
- ▨ Licensee Operations (TFL23)
- Highway
- Secondary Road
- Rough Old Trail
- Rail Line - Abandoned
- ▨ Municipal Boundary
- ▨ Area of Interest (AOI)
- ▨ Forest Licence
- ▨ Forest Managed Licence
- ▨ Community Watersheds
- ▨ Domestic Watersheds
- Intermediate Contour (20 m)
- Index Contour (100 m)
- ▨ Lake/River
- ▨ PRIVATE
- ▨ MUNICIPAL
- ▨ CROWN - PROVINCIAL
- ▨ CROWN - FEDERAL




0 500 1,000 2,000 3,000 4,000 5,000 m

1:70,000

Plot Status: Final  
Drawn By: KE  
Revised By:  
File Name:

Paper Source: Tabloid 11 x 17  
Date Drawn: 2021-05-25  
Date Revised:



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# Before and After Treatment

Unit 8-2 (park and campground) and Unit 9 (Airport Rd)

# Examples of Other Treatment Types



Unit 8-2, before treatment



Unit 8-2, after  
hand  
treatment



Utilizing ATVs to assist hand treatment crews



Unit 9, before treatment



Unit 9, after mechanical and hand treatment



SIFCo, Hewitt Mine: mechanized overstory removal  
with post-harvest hand treatment



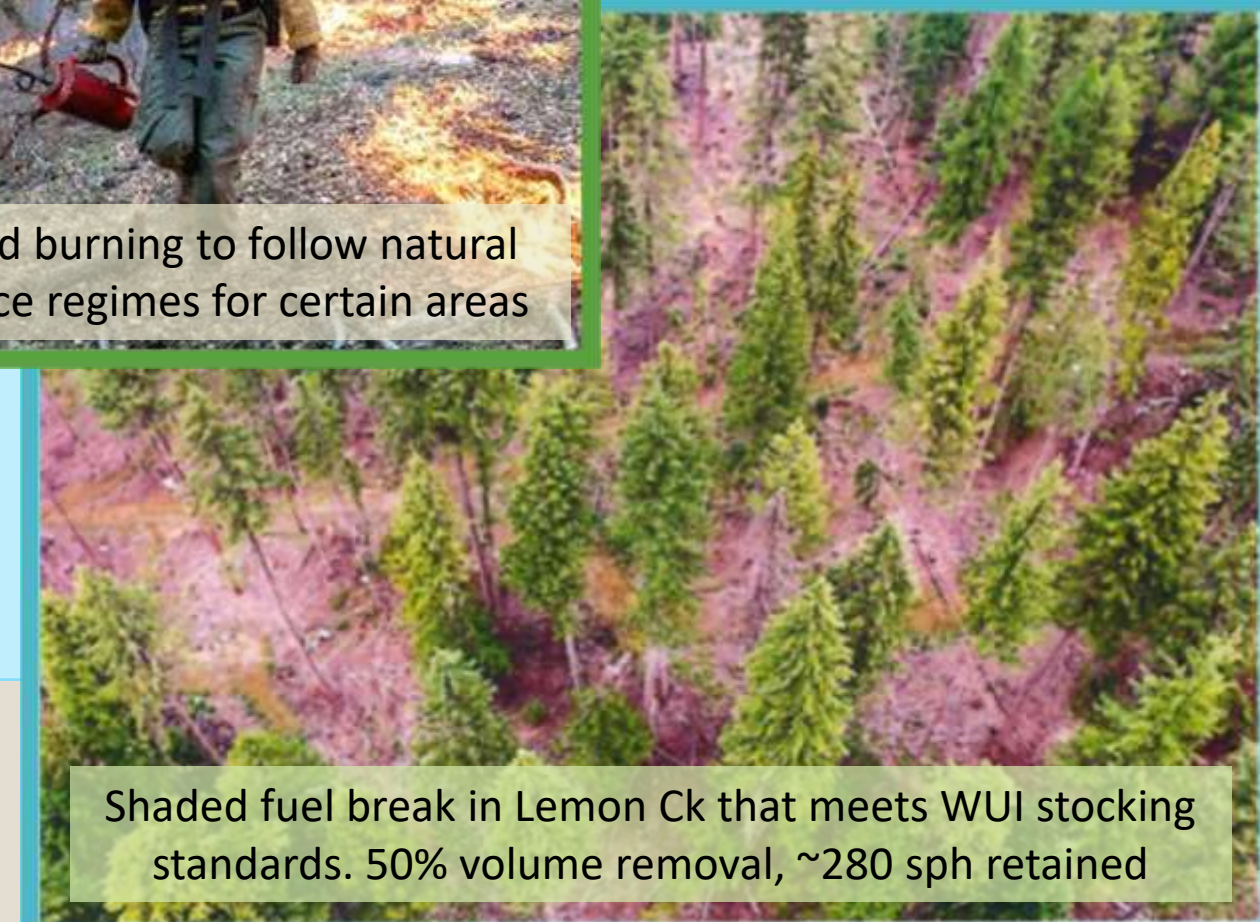
Mechanized tree removal  
and chipping using small  
machinery in Creston



SIFCo, Carpenter Ck: hand treatment, chipping, and pile burning



Prescribed burning to follow natural  
disturbance regimes for certain areas



Shaded fuel break in Lemon Ck that meets WUI stocking  
standards. 50% volume removal, ~280 sph retained



# WILDFIRE RISK REDUCTION SUMMARY



**QUESTIONS?**

Please use the RAISE HAND feature to ask a question and the moderator will ask you to unmute your microphone.

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# THANK YOU FOR ATTENDING

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## PLEASE SEND US YOUR COMMENTS

Please send us any comments you have about our presentation by the end of the day Friday, May 28<sup>th</sup>

[info@nakuspcommunityforest.com](mailto:info@nakuspcommunityforest.com)



## MORE INFO?: VISIT OUR WEBSITE

[www.NakuspCommunityForest.com](http://www.NakuspCommunityForest.com)



## MORE QUESTIONS? CALL OR EMAIL US

250-265-3656