



**Project #:** WR0000250

**Project Title:** Woodlot 577 Fire Mitigation Action Plan near 100 Mile House

**Organization:** District of 100 Mile House

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** 100 Mile House

**Closest Community:** 100 Mile House

**Job Estimate (Direct, Indirect and Induced FTEs):** .5

**FESBC APPROVED FUNDING:** \$25,589



**Project Description Summary:**

This project focussed on construction of a wildfire fuel break in the 100 Mile community woodlot, particularly on areas near and adjacent to the 99 Mile ski trails and railroad. Activities included community planning, field layout, and prescriptions for wildfire treatments.

**Current Project Status:** Complete

*“Funding from FESBC has been critical in all phases of this project. Assessing, developing prescriptions, and treating these fuel treatment blocks to enhance community safety would not be possible without the assistance of FESBC.”*

Mitch Campsall, Mayor, 100 Mile House



**Project #:** WR0000247, WR0000560, & WR0000600

**Project Title:** Wildfire Risk Reduction Treatments & Interface Fuel Management within 100 Mile Community Forest

**Organization:** 100 Mile Development Corporation

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** 100 Mile House

**Closest Community:** 100 Mile House

**Job Estimate (Direct, Indirect and Induced FTEs):** 12

**FESBC APPROVED FUNDING:** \$1,339,499



**Project Description Summary:**

The Forest Enhancement Society of BC (FESBC) is supporting three projects within the 100 Mile House Community Forest which will reduce wildfire risk in priority interface areas. The first phase assessed and identified wildfire risk and fuel break units within 1,125 hectares in areas surrounding the communities of 100 Mile House, Horse Lake, and Lone Butte. The objective has been to create a shaded fuel break which will result in a more fire resilient stand that also conserves mule deer winter range habitat and retains old growth forest characteristics.

The second project phase includes the development of site-specific forestry prescriptions and the implementation of various fuel management treatments. The total area to be planned and prescribed over the four-year period is estimated to be 345 hectares and operational treatments are planned for 260 hectares. Project activities include surveys, treatment prescription development, harvesting, tree thinning, pruning, and reduction of fuel loading in areas surrounding the communities of 100 Mile House, Horse Lake, and Lone Butte.

The third phase is focused on areas near and adjacent to neighbourhoods with the goal of reducing wildfire risk to homes and recreational areas. Activities include layout, prescriptions, and implementing treatments on additional areas north and south of Horse Lake. Work will also include the completion of activities in areas treated previously. The goal is to continue to utilize the woody material removed in creating the fuel breaks as biomass, minimizing the amount of material that needs to be burned. In the initial treatment area all the pulp fibre and a significant portion of the residual waste fibre was removed and utilized. The avoidance of pile burning reduces greenhouse gas emissions and contributes to the achievement of B.C.'s and Canada's climate change targets.

**Current Project Status:** Active



Forest Enhancement  
Society of British Columbia

**Project #:** WR0000247, WR0000560, & WR0000600 Continued

**Project Title:** Wildfire Risk Reduction Treatments & Interface Fuel Management within 100 Mile Community Forest

*“Funding from FESBC has been critical in all phases of this project. In fact, assessing, developing prescriptions, and treating these fuel treatment blocks would not be possible without the assistance of FESBC.”*

Mitch Campsall, Mayor, 100 Mile House

*“It’s a real collaborative effort to get things done on the ground. The community needs to be willing to take the initiative to take a project like this on, and we’ve not only been fortunate to have had this funding from FESBC, but we’ve also had great support from Ministry staff and the community for the project.”*

Steve Capling, RPF, Senior Forester at Lac La Hache’s DWB Consulting Services Ltd.



Forest Enhancement  
Society of British Columbia

**Project #:** WR0000222, WR0000641, & WR0000642

**Project Title:** Borland Valley Fuel Management Treatment

**Organization:** FLNRORD Cariboo Region

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Cariboo-Chilcotin

**Closest Community:** 150 Mile House

**Job Estimate (Direct, Indirect and Induced FTEs):** 8

**FESBC APPROVED FUNDING:** \$834,454



**Project Description Summary:**

These projects were for fuel management treatment and mule deer winter range habitat enhancement and included biomass removal and recovery of merchantable timber through machine and hand work. The treatments provided demonstration sites and examples for future treatments while providing wildfire hazard mitigation by reducing fuel loading through the removal of ladder and fine fuels. Walking trails for residents were maintained and enhanced. These measures will also improve habitat features for mule deer. Where possible, timber was sold and residual fibre was recovered for sale in the local biomass market.

**Current Project Status:** Complete



**Project #:** WR0000137 & WR0000624

**Project Title:** Wildfire Risk Reduction Treatments to Protect Community of ?Esdilagh

**Organization:** Esdilagh Development Corporation Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Quesnel

**Closest Community:** Alexandria

**Job Estimate (Direct, Indirect and Induced FTEs):** 16

**FESBC APPROVED FUNDING:** \$1,925,470



**Project Description Summary:**

The goal of this project is to reduce wildfire risk on portion of a large landscape-level primary fuel break south of Quesnel in the traditional territory of ?Esdilagh (also known as the Alexandria Band). The traditional territory of ?Esdilagh First Nation is situated along both sides of the Fraser River between Williams Lake and Quesnel, B.C. and the community has a population of 204. The project involves conducting wildfire risk assessments in areas adjacent to the ?Esdilagh First Nations community and a large landscape-level primary fuel break east of the community. Following the initial assessments, fuel management prescriptions were developed for a 620 ha landscape level fuel break.

Post harvest mechanical and manual fuel treatments will create a fuel break that can significantly alter fire behaviour and intensity and reduce the risk of a wildfire spreading to other resource values. Residual waste fibre resulting from the treatments will be removed and sold to pellet producers and other industrial users of biomass.

**Current Project Status:** Active



**Project #:** WR0000121

**Project Title:** CCR - Fire Hazard Reduction/Rehabilitation

**Organization:** Central Chilcotin Rehabilitation Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Cariboo-Chilcotin

**Closest Community:** Alexis Creek

**Job Estimate (Direct, Indirect and Induced FTEs):** 119

**Volume Estimate (Cubic Meters):** 51,000

**FESBC APPROVED FUNDING:** \$14,000,000



**Project Description Summary:**

This project's primary purpose was wildfire risk reduction adjacent to the communities of Redstone and Puntzi. The landscape level fuel break had a combination of stand rehabilitation treatments as well as primary fuel breaks created by cutting away dead lodgepole pine. Where possible, this uneconomic fuel was added to the CCR incremental haul program. Approximately 2000 ha per year will be cleared to make the landscape level fuel break where fire fighters can make defensive barriers next to the wildfires in this area.

**Current Project Status:** Active

*“With FESBC funding for carbon emission reduction we expect to move over 51,000 m<sup>3</sup> of low economically valued timber that would normally be left on site and burned in piles to make plantable spots. In turn, this additional volume is expected to create 10 direct full-time jobs and assist the first nation’s forest Company fully utilize the fibre resource.”*

Philippe Theriault, General Manager, Tsi DelDel Enterprises

*“The support from FESBC is key to increasing fibre recovery in an area with an immense amount of wasted and under-utilized fibre.”*

Percy Guichon, Director, Central Chilcotin Rehabilitation Ltd., a joint venture company between T̓sidel First Nation and Anaham First Nation (Tl’etinqox government)



**Project #:** WR0000115, WR0000119, & WR0000475

**Project Title:** Esk'etemc Wildfire Risk Management, Alkali Lake Fuel Treatment & Corridor Hazard Reduction

**Organization:** Alkali Resource Management Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Cariboo-Chilcotin

**Closest Community:** Alkali Lake

**Job Estimate (Direct, Indirect and Induced FTEs):** 7

**FESBC APPROVED FUNDING:** \$762,676



### **Project Description Summary:**

The first part of this project produced a landscape level plan for wildfire risk mitigation activities. With spatial data from the BC Wildfire Service 2017 Provincial Strategic Threat Analysis, local collaboration and input from the staff at FLNRORD Forest Stewardship, wildfire perspective from the BC Wildfire Service, input from the city of Williams Lake and the Cariboo Regional District, plus a few more partners, the Esk'etemc were able to create a plan that addressed areas that are high risk as well as identified where there were opportunities to take on fuel treatment projects or to make suggestions on which direction to take wildland fire mitigation plans.

The second phase allowed for the collection of field data to support preparation of a landscape level plan for wildfire risk mitigation activities. The final phase of the project is to thin forests and remove fine surface fuels from the areas adjacent to principle roads leading in and out of Esk'etemc communities. Up to 100 m on either side of the main roads were treated in order to improve the safe evacuation of local residents in the case of a wildfire. The project employs two First Nations people from Alkali Resource Management Ltd., and invited surrounding First Nation communities to join in on the plan to make suggestions and have input on where there are risks threatened by any possible future wildland fires. The First Nations communities included are: Esk'etemc, Dog Creek, Canoe Creek, and Sugar Cane. Alkali Resource Management crews were employed to undertake the forest thinning and fuel management.

**Current Project Status:** Active

*"The Esk'etemc elders have told us that the forests are sick because there are too many trees growing. Today's foresters say the issue is resiliency. The biomass project will benefit the lands and the ARM business to expand the utilization of the overstocked forests. This is one more step towards achieving resilient forests for future generations"*

Gord Chipman, RPF, Forest Manager for ARM and CAFÉ



**Project #:** WR0000548 & WR0000628  
**Project Title:** Anahim Fuel Break Construction  
**Organization:** West Fraser Mills Ltd.  
**Primary Purpose:** Wildfire Risk Reduction  
**FLNRORD Region:** Cariboo  
**FLNRORD Natural Resource District:** Cariboo-Chilcotin  
**Closest Community:** Anahim Lake  
**Job Estimate (Direct, Indirect and Induced FTEs):** 25  
**FESBC APPROVED FUNDING:** \$2,915,649



### **Project Description Summary:**

This project's aim is to protect the communities of Anahim Lake and Nimpo Lake. The first phase identified the priority areas where a landscape level break would assist in wildfire protection. West Fraser Mills Ltd. undertook the project with local First Nations and engaged with the BC Wildfire Service to determine appropriate treatment locations. The mapping and permitting phases were completed and obtained full support from the Ministry. West Fraser Mills did not receive any fibre from this project and undertook it for the relationship with local communities. Contracts for thinning were implemented with initially selective thinning and shaded fuel breaks being the desired outcome. The project's remoteness and limited contractor resources contributed to revisions to the plan which were then implemented in the second phase.

This second phase carries on and implements the remainder of the landscape level wildfire break. The outcome will be linear barrier that serves as a baseline for wildfire protection. This line connects physical features such as roads and power lines and enables wildfire fighters to safely take a stand in the event of a large wildfire. The project employs local contractors and is lead by West Fraser Mills Ltd. West Fraser Mills will not receive any fibre from the project and all pulp logs and sawlogs are to be sold at market prices. Pulp will be sorted and sold to West Chilcotin Forest Products to be shipped over the mountains to Bella Coola and onward to the Vancouver log market. The wildfire break can be modified and updated over time, enabling a sustainable long term defense strategy for the communities of Anahim Lake and Nimpo Lake.

**Current Project Status:** Active

*“West Fraser Mills Ltd. felt it was important to partner with FESBC on the Anahim Lake Fuel Break project in order to provide some much needed local employment. The project has provided three seasons of employment for a local logging contractor with a crew of 4-5 people, and a crew of 8-10 Ulkatcho First Nation members. The project was also identified as an opportunity to address a high wildfire threat to the communities of Anahim Lake and Nimpo Lake.”*

Malcolm Sutton, RFP, Planning Forester at West Fraser Mills Ltd.





**Project #:** WR0000227 & WR0000521

**Project Title:** Barkerville Historic Town Wildfire Fuel Treatment

**Organization:** Barkerville Historic Town & Park governed by The Barkerville Heritage Trust

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Quesnel

**Closest Community:** Barkerville

**Job Estimate (Direct, Indirect and Induced FTEs):** 2

**FESBC APPROVED FUNDING:** \$243,000



### **Project Description Summary:**

The first phase of the Barkerville wildfire risk reduction project included selective harvesting followed by machine and hand thinning on approximately 52 hectares immediately east of the Barkerville historic townsite. The project also facilitated the utilization of fibre resulting from the wildfire risk reduction activities. FESBC funding helps to support the grinding and hauling of the residual waste fibre to Cariboo Pulp and Paper for use as hog fuel as otherwise the fibre piles would need to be burned, which would have resulted in greenhouse gas emissions.

The second phase of this project is focused on manual treatments for a wildfire fuel break along the west side of the Barkerville Historic Site as per the Barkerville Community Wildfire Protection Plan. These priorities were established jointly with BC Wildfire Service Fuel Management specialists and Quesnel Resource District staff. Activities will include manual thinning, pruning, and removal of forest floor fuels. This will result in better protection for this cultural treasure.

**Current Project Status:** Active

*"Barkerville Historic Town & Park is engaged in one of the most advanced and complex wildfire fuel management treatment projects in the Province of BC. FESBC is a critical partner in the hand treatment and grinding component of the project. Hand treatments protect key sensitive areas of the overall 400 hectare project area and material from grinding is sent to pulp mills in Quesnel, creating full utilization of all of the fibre and creating additional employment by grinding versus burning."*

Ed Coleman, Senior Officer & Project Manager, Barkerville Historic Town & Park



**Project #:** WR0000152

**Project Title:** Meadow Lake / Lac La Hache Wildfire Mitigation / Rehabilitation

**Organization:** Zanzibar Holdings Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** 100 Mile House

**Closest Community:** Big Bar Lake

**Job Estimate (Direct, Indirect and Induced FTEs):** 2

**FESBC APPROVED FUNDING:** \$199,988



### **Project Description Summary:**

Zanzibar Holdings Ltd. and the community of Stswecem'c Xgat'tem First Nation (St-wet-lem hight-lem) (SXFN) partnered to reduce wildfire risk in forested areas near Big Bar Lake, which is located approximately 40 kilometres west of Clinton, B.C. The goal of the project was to create fuel breaks to help reduce the intensity and rate of spread of an approaching wildfire and to provide a point of attack for fire suppression activities in the event of a wildfire. The joint project with SXFN (formerly Dog Creek Indian Band & Canoe Creek Indian Band) provided employment for local crews for two years.

**Current Project Status:** Complete

*“There is tremendous potential for a significant fire to come through the area close to the community of Big Bar Lake. Depending on the force of the fire and the unique conditions, the fuel break will do a lot to stop a fire coming from the northwest and the southeast. Wildfire risk mitigation treatments are quite intensive and can be very costly. FESBC funding is critical to being able to complete this work.”*

Bill Layton, RPF, Zanzibar Holdings



**Project #:** WR0000140 & WR0000576

**Project Title:** South Canim Fire Management Planning & Treatments adjacent to Canim Lake Indian Reserve

**Organization:** Canim Lake Indian Band

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** 100 Mile House

**Closest Community:** Canim Lake

**Job Estimate (Direct, Indirect and Induced FTEs):** 9

**FESBC APPROVED FUNDING:** \$1,008,024



### **Project Description Summary:**

This project enabled the Canim Lake Indian Band to develop a Fire Management Plan to provide strategic direction for future treatments to reduce the risk of wildfire. The first phase focused on creating a landscape-level plan for wildfire fuel breaks to reduce risk and protect lives and properties from wildfire on Crown land surrounding the community of Canim Lake Band on the southwest end of Canim Lake.

The second phase's objective is to complete wildfire risk reduction treatments of priority areas adjacent to Canim Lake Indian Band as well as private land. Activities will include prescription development, harvesting, understory pruning and thinning, in addition to forest floor fuel piling and burning. If feasible, the residual fibre resulting from the treatment will be utilized by secondary fibre users for bioenergy.

**Current Project Status:** Active

*Currently the Canim Lake Indian Band is conducting fuel management on approximately 50 hectares of Crown land adjacent to our community so far. This involves danger tree falling, spacing, pruning and the reduction of surface fuels. The forest structure is being altered to reduce the potential for wildfires to impact our community. This shaded fuel break will reduce wildfire intensity and the potential for crown fires spotting into the community. The project also enhances wildlife habitat, increases the stand's resilience to wildfire and forest health challenges, increases the quality and value of the forest resource, while protecting the community. The work is being undertaken by two local First Nations contractors, which results in direct employment. The contractors are also building their expertise and experience in forest fuel hand treatments and have started bidding on other contract work planned to protect other communities.*

Forest Professionals working for the Canim Lake Indian Band



Forest Enhancement  
Society of British Columbia

**Project #:** WR0000543

**Project Title:** Primary Fuel Break - Forest Grove

**Organization:** West Fraser Mills Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** 100 Mile House

**Closest Community:** Forest Grove

**Job Estimate (Direct, Indirect and Induced FTEs):** 4

**FESBC APPROVED FUNDING:** \$494,560



**Project Description Summary:**

This project is being jointly delivered by West Fraser Mills and the Canim Lake Indian Band and will result in the creation of a landscape level fuel break. The resultant treatment will help protect the community of Forest Grove and adjacent rural infrastructure from a Wildfire.

**Current Project Status:** Active



**Project #:** WR0000574

**Project Title:** Lac La Hache Wildfire Mitigation

**Organization:** Zanzibar Holdings Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** 100 Mile House

**Closest Community:** 100 Mile House

**Job Estimate (Direct, Indirect and Induced FTEs):** 2

**FESBC APPROVED FUNDING:** \$227,778



### **Project Description Summary:**

This project focused on assessment of potential fuel management treatment options on a 15-kilometre long and 100-metre wide interface fuel management area abutting private properties alongside Highway 97 in Lac La Hache, BC. Activities also included fuel reduction treatments adjacent to Lac La Hache Provincial Park. The project area is important winter range for mule deer, so another goal of the work is to enhance habitat values while reducing wildfire risk and removing potential fuel.

**Current Project Status:** Active

*“We did a lot of the work around the park by hand, as opposed to using machines, to protect the aesthetic values of the trails and park.”*

Bill Layton, RPF, Zanzibar Holdings Ltd.



**Project #:** WR0000454

**Project Title:** Xaxli'p Community Forest - Wildfire Risk Reduction Treatment

**Organization:** Xaxli'p Community Forest Corp.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Thompson-Okanagan

**FLNRORD Natural Resource District:** Cascades

**Closest Community:** Lillooet

**Job Estimate (Direct, Indirect and Induced FTEs):** 1

**FESBC APPROVED FUNDING:** \$130,836



**Project Description Summary:**

The project is located in the Xaxli'p Community Forest in the Fountain Creek watershed near Fountain Lake, B.C., about 15 km north of Lillooet, B.C. The project will result in a landscape-level shaded fuel break that connects existing fuel breaks. This shaded fuel break will improve the ability to control spread and compartmentalize fires in the area and improve timber values through thinning and pruning. Fibre removed through this activity will be recovered where possible in order to maximize fibre utilization.

**Current Project Status:** Active



**Project #:** WR0000508

**Project Title:** Highway 39 Fuel Reduction Project

**Organization:** District of Mackenzie

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Omineca

**FLNRORD Natural Resource District:** Mackenzie

**Closest Community:** Mackenzie

**Job Estimate (Direct, Indirect and Induced FTEs):** 9

**FESBC APPROVED FUNDING:** \$1,000,000



**Project Description Summary:**

This project is focused on wildfire risk reduction and includes planning, prescriptions, and treatment on high-priority polygons along the Hwy 39 corridor. This corridor is the only main egress route for the community of Mackenzie, B.C. The target treatment areas align with the recently updated District of Mackenzie Community Wildfire Protection Plan. Activities include planning and prescription development, harvesting, understory pruning and thinning, and forest floor fuel piling and burning. If feasible, the residual waste fibre resulting from the treatment will be utilized by secondary fibre users in Mackenzie.

**Current Project Status:** Active

*“The District of Mackenzie is very grateful for the support from the Forest Enhancement Society of British Columbia (FESBC). Mackenzie is a “one road in, one road out” community and having a secure egress route in the event of a wildfire has been an ongoing concern. The safety of our community is our top priority and funding provided by FESBC will allow wildfire mitigation prescriptions to be carried out along the Highway 39 corridor.”*

Joan Atkinson, Mayor of Mackenzie



**Project #:** WR0000633 & WR0000664

**Project Title:** Fuel Reduction Treatments and Hazard Reduction adjacent to the Community of Nazko, B.C.

**Organization:** Nazko Logging Ltd. Partnership

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Quesnel

**Closest Community:** Nazko

**Job Estimate (Direct, Indirect and Induced FTEs):** 7

**FESBC APPROVED FUNDING:** \$859,610



### **Project Description Summary:**

The project objective was to identify and treat stands within five kilometers of the communities of Nazko and Kluskus heavily damaged by mountain pine bark beetle which had resulted in significant accumulations of fuel, with the potential to create extreme fire conditions in the event of a wildfire. This fuel loading increases the wildfire risk to communities and interface areas. Harvesting and removal of beetle damaged trees was completed to reduce wildfire risk and reforesting the landbase to bring it back into production with a portion of the harvesting debris and small diameter wood utilized for pulp, pellet, or bio-fuels. The avoidance of pile burning reduces greenhouse gas emissions and contributes to the achievement of B.C.'s and Canada's climate change targets.

The work was completed in two phases including fuel management planning and prescription development, and related fuel management treatments. All work was completed on Crown forest land adjacent to the communities. After the treatment was completed, an electrical line started a fire. The treatment was effective in preventing catastrophic damage.

**Current Project Status:** Complete

*"The good work of the Nazko Logging Ltd. team in the fuel management treatments meant that the area where the fire started had already been cleared of debris, brush, dead trees, and ladder fuels. The fire did go through a portion of the area but stayed low to the ground and didn't have an opportunity to go up into the crowns of the trees, which meant crews had a better chance to respond and there was relatively little damage. It's a good news story for the community and shows the value of proactive wildfire risk reduction work."*

Ray Raatz, RPF, Operations Manager, FESBC





Forest Enhancement  
Society of British Columbia

**Project #:** WR0000675

**Project Title:** Wildfire Risk Reduction Treatments near Nazko, BC

**Organization:** NAZBEC Limited Partnership

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Quesnel

**Closest Community:** Nazko

**Job Estimate (Direct, Indirect and Induced FTEs):** 9

**FESBC APPROVED FUNDING:** \$1,036,152



**Project Description Summary:**

The focus of this project is to reduce wildfire risk on priority areas around the community of Nazko, B.C. Priority treatment areas were identified jointly with BC Wildfire Service Fuel Management specialists and Quesnel Resource District staff. Activities will include planning and prescription development, harvesting, understory pruning and thinning, and forest floor fuel piling and burning.

**Current Project Status:** Active



**Project #:** WR0000698

**Project Title:** Pilot Mountain Communication Tower Wildfire Risk Reduction Plan

**Organization:** Erafor Forestry Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Omineca

**FLNRORD Natural Resource District:** Prince George

**Closest Community:** Prince George

**FESBC APPROVED FUNDING:** \$12,669



**Project Description Summary:**

This project supported the development of a fuel management prescription to reduce wildfire risk to protect critical emergency communications infrastructure located on Pilot Mountain, northwest of Prince George, B.C.

**Current Project Status:** Complete

*"We surveyed the area and came up with a logistical approach for how a fire could be mitigated to protect this infrastructure which belongs to multiple users and includes emergency relay towers, a weather station, and TV and radio towers. This plan will protect the area from fire in the future."*

Cezary Slugocki, RFT, President, Erafor Forestry Ltd.



**Project #:** WR0000180 & WR0000607

**Project Title:** Quesnel Community Wildfire Protection Plan - Wildfire Risk Reduction Treatments

**Organization:** City of Quesnel

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Quesnel

**Closest Community:** Quesnel

**Job Estimate (Direct, Indirect and Induced FTEs):** 15

**FESBC APPROVED FUNDING:** \$1,700,000



**Project Description Summary:**

This project includes planning, prescription and treatment work aligned with priorities identified in the City of Quesnel Community Wildfire Protection Plan. These priorities were established jointly with BC Wildfire Service fuel management specialists and Quesnel Resource District staff. Activities include planning and prescription development, harvesting, understory pruning and thinning, and forest floor fuel piling and burning.

Treatment work will focus on meeting City of Quesnel Community Wildfire Protection Plan priorities. Activities may include harvesting, understory pruning and thinning, and forest floor fuel piling and burning. If feasible, the residual fibre resulting from the treatment will be utilized instead of burned.

**Current Project Status:** Active

*“The City of Quesnel would like to thank the Forest Enhancement Society of BC (FESBC) for the funding to conduct fuel management on several sites identified in our Community Wildfire Protection Plan. FESBC funding will be used to develop prescriptions, conduct fuel reduction treatments and promote full fibre removal and utilization. The City of Quesnel is committed to advancing innovative and ecologically sensitive fuel management operations that protect our community, strengthen our economy and help the ecosystems we live within get back to health.”*

Erin Robinson, Forestry Initiatives Manager, City of Quesnel



**Project #:** WR0000527

**Project Title:** Wildfire Risk Reduction on Woodlot Licence 1413, Northwest of Quesnel

**Organization:** A.J. Waters and Associates Inc.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Quesnel

**Closest Community:** Quesnel

**Job Estimate (Direct, Indirect and Induced FTEs):** 1

**FESBC APPROVED FUNDING:** \$73,500



**Project Description Summary:**

The goal of this project was to enhance safety and reduce wildfire risk in a key transportation corridor along Blackwater Road, northwest of Quesnel BC. High hazard fuels were removed and the timber stand was thinned to provide a more fire resilient stand. A forested area north of the Blackwater Road consisted of trees that regenerated after the area was selectively logged 60 years ago. Much of this area included dead pine trees, which were removed, and the remaining stand was thinned and pruned to remove ladder fuels and create a fire-resilient stand. Forest floor fuels were piled and burned and some of the recoverable fibre was taken to a small chipping plant.

**Current Project Status:** Complete

*"FESBC funding provided much needed employment for local First Nations members while allowing us to significantly reduce the fire hazard along the Blackwater Road and protect two woodlot licences and a significant cattle ranch from wildfire. FESBC was excellent to deal with in all aspects of bringing this project to fruition."*

Alan Waters, RPF, A.J. Waters & Associates Inc.



Forest Enhancement  
Society of British Columbia

**Project #:** WR0000146

**Project Title:** Eniyud Community Forest Tatla Lake Wildfire Fuel Treatment Plan

**Organization:** Eniyud Community Forest Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Cariboo-Chilcotin

**Closest Community:** Tatla Lake

**Job Estimate (Direct, Indirect and Induced FTEs):** 5

**FESBC APPROVED FUNDING:** \$618,575



**Project Description Summary:**

This project was for prescriptions for the Eniyud Community Forest and for wildfire fuel reduction as identified in the Tatla Lake Landscape Fire Management Plan.

**Current Project Status:** Active

*"The Eniyud Community Forest, situated within the traditional territory of the T̓s̓ideldel First Nation near the Redstone Community and Tatla Lake BC, is in the midst of an extreme wildfire risk area. We are surrounded by very flammable forests prone to stand replacing fires that in many cases have been heavily impacted by the Mountain Pine Beetle and subsequent windthrow. Through a combination of Mountain Pine beetle and fire suppression activities, this stacking up of fuel creates potentially extreme unnatural wildfire hazards. Our community has worked together to come up with a cumulative plan to address this risk and balance the surrounding land-use objectives and we are now at the implementation stage. We are very grateful to FESBC for providing the funding necessary to complete this important project, which we hope will protect the future of our community."*

Mike Tomlinson, Consus Management



Forest Enhancement  
Society of British Columbia

**Project #:** WR0000469 & WR0000632

**Project Title:** Wildfire Risk Reduction Planning & Treatments on Cariboo Woodlot Licence

**Organization:** Cariboo Woodlot Association

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Cariboo-Chilcotin

**Closest Community:** Williams Lake

**Job Estimate (Direct, Indirect and Induced FTEs):** 8

**FESBC APPROVED FUNDING:** \$946,690



### **Project Description Summary:**

The first part of this project involved ground truthing provincial wildfire threat data in Cariboo-Chilcotin woodlots and developing prescriptions with woodlot licensees: wildfire management, assessing burned stands to utilize wood and, if necessary, improve their condition. Prescriptions were developed from the ground truthing field data collection and a selected number of woodlot tenures adjacent to communities were then prioritized for treatments. The next part of this project involves the implementation of forest fuel management/wildfire risk reduction prescriptions. It involves 321.2 ha of prescribed wildfire risk reduction activities over 16 woodlots (Crown land portion only). The majority of treatments are in the wildland urban interface, with an investment made to complete wildfire threat assessments and develop the prescriptions.

**Current Project Status:** Active

*“These wildfire risk reduction prescriptions were developed in 2018 with innovative woodlot licensees who operate adjacent to rural neighbourhoods, and they recognized their role and responsibility to reduce the wildfire risk to those neighbours. The funding from FESBC allows this work to be done to protect communities, and showcase what can be done in the context of a woodlot licence.”*

Mike Simpson, LBI/FESBC Project Coordinator with the Cariboo Woodlot Association

*“I manage Woodlot W1694 on behalf of my family. Our tenure area is unique in the setting. Located on Fox Mountain, we interface with the City of Williams Lake to the south, Pine Valley to the north, the Bird Street, Ross Road, and Kemp subdivisions on Fox Mountain. Many non-motorized trails are part of the area. I’ve always considered the interface areas a fire risk. The fuel management work completed has minimized that risk. The funding from FESBC, along with the commercial harvest component has allowed us to complete a very comprehensive fuel management prescription that we would otherwise not have the ability to do.”*

Marty Lauren Woodlot manager W1694



**Project #:** WR0000138, WR0000504, WR0000646, & WR0000647

**Project Title:** Landscape Level Fuel Treatment

**Organization:** Williams Lake Community Forest LP

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Cariboo-Chilcotin

**Closest Community:** Williams Lake

**Job Estimate (Direct, Indirect and Induced FTEs):** 26

**FESBC APPROVED FUNDING:** \$3,030,697



**Project Description Summary:**

These projects were within the Williams Lake Community Forest (WLCF) and aimed to create a landscape level fuel break to assist in protecting the City of Williams Lake. This project began with the initial planning, prescriptions and treatments for the wildfire fuel break in the WLCF. The initial areas totalled approximately 300 ha and involved full collaboration with BC Wildfire Service, the District of Cariboo Chilcotin and the City of Williams Lake and it's partner, the T'exelcemc (Williams Lake Band). Initial treatments were designed for continuous improvement and feedback collection from stakeholders so that the outcomes lead to further successful work in protecting the City of Williams Lake.

The fuel break was placed all along the hydro powerlines and essentially widens the fuel break on either side of the powerline by reducing the amount of flammable fuel in those areas. Logging debris and small diameter wood was sent to a Williams Lake bio-energy facility.

This funding supported a joint FLNRORD and local community project to helicopter salvage harvest beetle-killed Douglas-fir trees on inaccessible steep slopes. The project was adjacent to the city of Williams Lake and was expected to reduce community wildfire risk and assist in controlling a bark beetle outbreak.

**Current Project Status:** Complete

*"This project is critical to our community forest. The southwest portion of our project, known as Flatrock or Ne Sextine, is situated west of the City of Williams Lake between Williams Creek Valley and Highway 20. The area is within Mule Deer winter range and a Wildland Urban Interface behind the residential areas on Birch Lane and Woodland Drive. The funding provided us with an opportunity to achieve many positive outcomes such as enhancing habitat for wildlife and reducing wildfire risk to our communities."*

Kent Watson of C+P Management Ltd.



**Project #:** WR0000518

**Project Title:** Fox Mountain Fire Abatement Project

**Organization:** Celtic Engineering Ltd.

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Cariboo

**FLNRORD Natural Resource District:** Cariboo-Chilcotin

**Closest Community:** Williams Lake

**Job Estimate (Direct, Indirect and Induced FTEs):** 2

**FESBC APPROVED FUNDING:** \$242,724



**Project Description Summary:**

This project involved undertaking a wildfire risk reduction treatment including a West Fraser Mills cutting permit and in between those blocks, crews manually thinning and pruning over dense Douglas-fir stands. This project aimed to reduce the fire hazard adjacent to the Williams Lake city boundaries on Fox Mountain. The area is approximately 46 ha. A prescription was developed by West Fraser Mills including layout, GIS and professional services and implemented by removing fine surface fuels, brushing, piling, burning, spacing, etc.

**Current Project Status:** Complete





Forest Enhancement  
Society of British Columbia

**Project #:** WR0000648

**Project Title:** Wildfire Risk Analysis

**Organization:** Federation of BC Woodlot Associations

**Primary Purpose:** Wildfire Risk Reduction

**FLNRORD Region:** Provincial

**FLNRORD Natural Resource District:** Provincial

**Closest Community:** Various

**FESBC APPROVED FUNDING:** \$7,350



**Project Description Summary:**

This project was to analyze provincial wildfire threat mapping to render threat class by woodlot, both inside and adjacent to the community wildland-urban interface boundaries. The overview threat mapping for the Cariboo Region was utilized to localize the information so it can be applied to specific woodlots.

**Current Project Status:** Complete



**Project #:** WR0000723

**Project Title:** FESBC and UBCM Wildfire Risk Reduction Co-funding Program

**Organization:** Union of BC Municipalities

**Primary Purpose:** Wildfire Risk Reduction

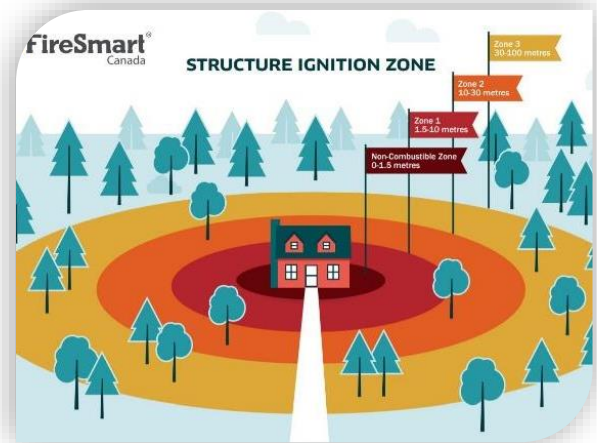
**FLNRORD Region:** Provincial

**FLNRORD Natural Resource District:** Provincial

**Closest Community:** Various

**Job Estimate (Direct, Indirect and Induced FTEs):** 18

**FESBC APPROVED FUNDING:** \$2,134,115



**Project Description Summary:**

FESBC partnered with the Union of BC Municipalities (UBCM) to provide funding to local governments and First Nations who receive funding for wildfire risk reduction projects on Crown land under the Strategic Wildfire Prevention Initiative and the FireSmart Community Resiliency Investment Community Supports Program.

**Current Project Status:** Active

*"FESBC partnered with the Union of British Columbia Municipalities (UBCM) by providing funding for wildfire risk reduction projects on Provincial Crown land near municipalities, unincorporated communities in Regional Districts, and First Nation communities across B.C. This funding partnership was primarily in place to allow for the transition from the Strategic Wildland Prevention Initiative (SWPI) - the first wildfire risk reduction funding program in the province - to the newer Community Resiliency Investment Program (CRI) focused on all seven of the FireSmart Disciplines, not just forest fuel management which was the focus of SWPI. FESBC co-funded 23 UBCM wildfire risk reduction projects (22 CRI and 1 SWPI) on Provincial Crown land across the province."*

Gord Pratt, RPF, Operations Manager, FESBC