SFI 2022 Annual Report Survey

Company: Canadian Forest Products Ltd. (CANFOR)
Survey Submittted By: Kerri Simmons
Date Submitted:22 July 2022

1. MY ORGANIZATION'S PROFILE

Section 1 - Checkbox indicator

☑MARK AS COMPLETE

MY ORGANIZATION's PROFILE

The area reported in this survey is in:

Hectares

All reported dollar amounts are in (select currency)

US Dollars (USD)

1.3 Select all countries in which you sell products:

United States of America
Canada
China
Japan

Certificate Type	Country	Other Operations

☑ SFI Forest Management   ☑ Canada

☑ SFI Fiber Sourcing   ☑ Canada   ☑ Our organization has primary mills/ operations/ log yards outside the United States and Canada

Section 1 - Checkbox indicator bottom

☑ MARK AS COMPLETE

2. FORESTRY RESEARCH, SCIENCE & TECHNOLOGY

☑ MARK AS COMPLETE

2.2 Did your organization meet the SFI research objective in 2021 at least in part through direct research funding?

☑ YES, WE MET THE SFI RESEARCH OBJECTIVE IN 2021 AT LEAST IN PART THROUGH DIRECT RESEARCH FUNDING

Climate change adaptation and mitigation
Internal $: 43,050
External $: 388,656
Organizations worked with in 2021:
☑ Conservation Organizations

Water quality and quantity
Internal $: 38,820
External $: 271,740
Organizations worked with in 2021:
☑ Conservation Organizations

Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery
Internal $: 122,837
External $: 6,503,094
Organizations worked with in 2021:
☑ Academic Organizations
☑ Research Organizations
☑ Other Organizations
☑ Indigenous Communities

Academic Organizations: University of Alberta
Research Organizations: NCASI, John Prince Research Forest
Indigenous Communities: Tsay Keh Dene,

Ecosystem services or non-timber forest products
Internal $: 136,528
External $: 845,932
Organizations worked with in 2021:

☑ Conservation Organizations

Forest health and productivity
Internal $: 123,031
External $: 1,804,864
Organizations worked with in 2021:
☑ Academic Organizations
☑ Research Organizations
☑ Conservation Organizations
☑ Other Organizations

Academic Organizations: Woodland Operations Learning Foundation WOLF, University of Alberta
Research Organizations: Natural Sciences and Engineering Research Council of Canada (NSERC)

The role of forests in the bioeconomy
Internal $: 23,290
External $: 1,443,832
Organizations worked with in 2021:
☑ Conservation Organizations

Similar themes which build broader understanding of the benefits and effects of sustainable forest management or sustainable supply chains.
Internal $: 332,922
External $: 563,815
Organizations worked with in 2021:
☑ Conservation Organizations

2.3 Did your organization meet the SFI research objective in 2021 through one or more projects or collaborations?

INSTRUCTIONS: Report your organization's projects and/or collaborations using the online form or by uploading new and/or revised projects and/or collaborations in the excel file provided below.

☑ YES, WE MET THE SFI RESEARCH OBJECTIVE IN 2021 THROUGH ONE OR MORE PROJECTS OR COLLABORATIONS

Project Name: Boreal Avian Modelling Project
Project Objective: Our goal is to synthesize avian count data into a standardized data and modelling system across research and monitoring agencies in Canada in order to improve conservation outcomes.
Short project description: The Boreal Avian Modelling (BAM) project is a multi-sectoral research partnership between academic institutions across Canada, private-sector forestry companies, government, and not for profit organizations. BAM uses advances in statistical methodologies, machine learning, new recording technologies, and advances in remote-sensing to bring us closer to being able to predict the status and trend of Canada's birds real-time. Development of such data flows will allow Canadians to assess the risks caused by different land-use decisions as well current and future impacts from climate change. Using the data and products created by BAM is essential for proper ecosystem management and forest planning as it allows us to critically evaluate the level of risk faced by birds. BAM provides the information and tools needed to actively include birds as a key component of land-use and conservation planning.
Key Research Themes:

☑ Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery

Academic Organizations: U of Alberta, ECCC, Universite Laval, Carleton University
Research Organizations: Canadian Forest Service
Government Organizations: Government of Alberta, Government of Saskatchewan, Ontario Parks
Start Year: 2020
End Year: 2025
Still active in 2021?:   Yes
Select state(s)/province(s) for this project: Alberta
Manitoba
New Brunswick
Newfoundland and Labrador
Nova Scotia
Ontario
Quebec
Saskatchewan
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 514,615
External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 5,823,000
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Boreal Caribou Nutrition
Project Objective: 1. Enhancement of caribou survival and reproduction on specific landscapes, by linking ongoing efforts in managing predation ("top-down" influences) with access to high quality year-round food supply ("bottom-up" influences). 2. The identification of good caribou habitat based on the quality of that habitat from the perspective of the caribou (and not based simply on vegetation type). This new knowledge will be oriented towards specifically what the caribou gain from a specific habitat, rather than simply where generic "habitat" is located – an extremely important and often overlooked distinction. 3. The establishment of an improved caribou body condition monitoring technique that could be used as part of a suite of field measurements to identify pressure points on specific caribou herds. Monitoring of caribou populations will continue at both the provincial and federal level – and this project could enhance the ability for governments to work collaboratively with industry to more effectively measure the success of conservation efforts. 4. New habitat models that map "nutritional content of habitat", which could look quite different from the more generalized habitat modeling that is currently undertaken – models that will be extremely important for governments and industry to use as a tool for future conservation efforts, particularly in light of potential vegetation shifts with climate change
Short project description: Project Description NCASI has made significant progress on a multi-year project to identify constructive ways in which industry can actively contribute to conservation of woodland caribou populations on the lands it manages – an approach leveraging enhanced forest management to maintain and provide new caribou habitat, rather than relying on protected areas alone as a method of conserving caribou. The central focus of this research program is to establish mathematical relationships between the dietary content of habitat and the growth and reproduction characteristics of woodland caribou. The 4-year Phase 1 baseline research for this initiative has been completed, and Phase 2 field research in BC and Ontario was launched in spring 2013, to be completed in winter 2019. Phase 3 modeling work will be undertaken between 2019 and 2021. This project will result in the development of specific quantitative nutrition relationships that have never before been established for woodland caribou – and once they are developed, the intent is that the results from this research will become a management tool for industry to undertake enhanced approaches to conserving caribou on the ground.

Key Research Themes:

☑Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery

Research Organizations: National Council Air & Stream Improvement

Start Year: 2014

End Year: 2020

Still active in 2021?:   No

May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Only use in aggregate

Project Name: Campground Promotion and Maintenance Within and Adjacent to Canfor's FMA area and Quota Tenures

Project Objective: Promote and maintain six campgrounds located within and adjacent to Canfor's FMA area and quota tenures to enable the public to learn about and enjoy the forest resources.

Short project description: Project Description Canfor maintains 19 recreation sites and trails in Alberta and in NE BC in partnership with the Alberta and BC governments, providing safe, clean recreation facilities for the enjoyment of the public.

Government Organizations: BC Ministry of Forests, Alberta Sustainable Resource Development

Start Year: 2017

End Year: 2022

Still active in 2021?:   Yes

Select state(s)/province(s) for this project: Alberta
British Columbia

In-Kind Funding - projects or other collaborations:

☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 136,528

External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 845,932

May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Developing and Assessing Advanced Inventory Techniques for Enhanced Forest Management in Alberta

Project Objective: The primary objectives are to: 1) Achieve more accurate and refined forest metrics at multiple scales that allow for the identification and prediction of spatially explicit individual tree and stand metrics, especially tree species, species composition and stand structure, at both strategic and operational levels; and 2) make recommendations on how to effectively implement advanced forest inventory in Alberta to achieve improved forest management for the benefits of all Albertans.

Short project description: Project Description Extensive advancements have been made in applying new and improved technologies to forest inventories. The proposed research will focus on investigating and utilizing the newest technologies and developing new research methods for advanced forest inventory in Alberta to enhance forest management. the approach is to use high resolution LiDAR data and ground date to develop and calibrate models that can: 1) accurately represent or describe the tree metrics for the full population of trees in the study area; 2) allow for the identification of stand structures for integrated and enhanced biodiversity, wildlife, and watershed management; and 3) be fully automated to remove potential inconsistencies.

Key Research Themes:

☑Ecosystem services or non-timber forest products

☑Forest health and productivity

Conservation Organizations: Forest Resource Improvement Association of Alberta

Government Organizations: Alberta Government Dept. of Sustainable Resource Development

Start Year: 2017

End Year: 2020

Still active in 2021?: No

Select state(s)/province(s) for this project: Alberta

Project Name: Ecosystem-based Management Industry Research Chair

Project Objective: Establish a new tenure-stream Assistant Professor position in Ecosystem-based Management at the University of Alberta

Short project description: The UofA will work with partners to advertise, interview, and select a new Assistant Professor in EBM with an exceptionally strong background in research/teaching, industrial collaborations, and outreach activities. They will develop a mutually agreed upon 5-year applied research program that this a solid foundation of leading-edge research on EBM, spans stand and landscape scales, and is applicable to a diversity of Alberta's forest ecosystem types. This research program will leverage NSERC 1:1 matching funds to establish an Industrial Research Chair in Ecosystem-based Management at the UofA

Key Research Themes:

☑Ecosystem services or non-timber forest products

☑Forest health and productivity

Academic Organizations: University of Alberta

Research Organizations: Natural Sciences and Engineering Research Council of Canada (NSERC)

Start Year: 2018

End Year: 2022

Still active in 2021?: Yes

Select state(s)/province(s) for this project: Alberta

In-Kind Funding - projects or other collaborations:

☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 15528

External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 1028730

May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Effects of fire, harvesting, and mountain pine beetle on terrestrial lichens important to caribou.

Project Objective: To determine the impacts of forest harvesting, wildfire, and mountain pine beetle on coverage and health of terrestrial lichens important to caribou in the Tweedsmuir-Entiako winter range over a 20-year period (this is yr 16).

Short project description: This is analysis of data from ongoing monitoring of plots established 16 years ago in and around Tweedsmuir Park, Entiako Park, and the Laidman Lake area to determine how the 3 main lichens caribou eat are impacted by variouis disturbances. Forest structure was monitored, including CWD, trees, shrubs, etc. in addition to lichens.

Key Research Themes:

☑ Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery

Research Organizations: Bulkley Valley Research Center
Conservation Organizations: Habitat Conservation Trust Fund, BC Parks
Government Organizations: BC Ministry of Forests Lands Natural Resource Operations & Rural Development
Start Year: 2019
End Year: 2020
Still active in 2021?:   No

Project Name: Endowed Chair in Forest Growth and Yield
Project Objective: An Endowed Research Chair at the University of Alberta focused on applied research in forest growth & yield
Short project description: Create an endowed Chair position that would otherwise not be possible under the current University of Alberta budget. The individual recruited into the Chair position will work with partners to define and deliver an applied research program, provide scientific leadership in forest growth & yield, train undergraduate and graduate students, and collaborate with the Forest Growth Organization of Western Canada (FGrOW) in its program delivery.
Key Research Themes:
☑ Forest health and productivity

Academic Organizations: University of Alberta
Government Organizations: Government of Alberta
Start Year: 2019
End Year: 2020
Still active in 2021?:   No

Project Name: Enhancing Values of Forest Resources by Turning Emissions from Biomass Power Plant into Microalgae Bio-products
Project Objective: Explore a sustainable solution for emission capture utilizing natural plants like microalgae.
Short project description: Project Description A microalgae system can not only clean up emissions on site, but also turn it into beneficial products. The project will explore the ability to turn emissions from a biomass power plant into valuable microalgae bio-products. The capture efficiency of several greenhouse gases and pollutants will be assessed, on going research and development on the system, as well as communication and outreach are all key components of the project.
Key Research Themes:
☑ Climate change adaptation and mitigation

Academic Organizations: Grande Prairie Regional College
Conservation Organizations: Forest Resource Improvement Association of Alberta,
Government Organizations: Natural Sciences and Engineering Research Council of Canada
Start Year: 2018
End Year: 2021
Still active in 2021?:   Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 23292
External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 1443832
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Environmental Elements of the WOLF Log Truck Professional Driver Training Series
Project Objective: Curriculum Development for Professional Log Truck Drivers
Short project description: Enhance the development of the Log Truck Professional Driver Training Series with emphasis on improving environmental protection and mitigating environmental impacts during the transportation of forest products on Alberta's public lands and roadways.
Academic Organizations: Woodland Operations Learning Foundation (WOLF)
Start Year: 2020
End Year: 2021
Still active in 2021?:   Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 4528
External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 116460
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Forest Management and Wetland Stewardship 2.0
Project Objective: The partners have identified three projects of mutual interest with the objective of advancing sustainable forest management. Wetlands and waterfowl conservation, climate change mitigation, and socio-economic factors will be considered and balanced when the coalition companies develop and implement sustainable land use practices. Any sustainable land use practices, as approved within this initiative, will be applied to boreal regions in Canada where coalition companies undergo forest management activities.
Short project description: The Forest Management Wetland Stewardship Initiative (FMWSI) is a partnership between Ducks Unlimited Canada (DUC) and the forest products industry. The first term of the FMWSI ran from 2016 to 2019. Under FMWSI 2.0, an additional 3 projects will be completed: Operating Ground Rules Review, Boreal Wetland Subsurface Carbon Storage Mapping, and Wetland and Wetland Best Management Practices Training
Key Research Themes:
☑Water quality and quantity

Conservation Organizations: Ducks Unlimited
Start Year: 2020
End Year: 2023
Still active in 2021?:   Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 6987

External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 189189
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Forestry Futures Alliance
Project Objective: Three programs have formally partnered up to inform Albertans about sustainable forest management and careers in the forest sector
Short project description: Project Description Coordinate education and outreach programs between Work Wild, Careers Next Generation, and Inside Education
Conservation Organizations: Forest Resource Improvement Association of Alberta
Start Year: 2018
End Year: 2020
Still active in 2021?: No
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: fRI Deer and Moose Monitoring Project
Project Objective: Investigate whether specific timber harvesting regimes and silviculture practices can be applied to make cutblocks less attractive to primary prey species (ie: reduce forage abundance for deer, moose, and elk).
Short project description: Project Description Reduction in the occurance and abundance of primary prey could reduce predation risk for caribou in west-central Alberta, as decreased numbers of primary prey would sustain lower numbers of predators in caribou ranges. Deer will be captured and collared to track habitat use in relation to regenerating cutblocks; primary prey use of cutblocks will be monitored with the use of strategically placed remote cameras, and an analysis of how specific harvesting regimes and silviculture practices can make cutblocks less suitable for deer, moose, and elk, which will provide industry with information for the development of best management practices within the caribou range.
Key Research Themes:
☑ Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery

Research Organizations: fRI Research
Conservation Organizations: Forest Resource Improvement Association of Alberta
Start Year: 2018
End Year: 2021
Still active in 2021?: Yes
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 19410
External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 446430
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: fRI Grizzly Bear Program Conclusion

Project Objective: In an effort to professionally conclude the fRI Grizzly Bear Research Program we believe it is important to complete projects that are in their final stages and publish these results in the scientific literature. By completing this work we will satisfy granting requirements while addressing partner needs and expectations. These publications in peer reviewed scientific journals provide program partners the ability to cite and utilize published research results in their operations and while making business decisions. It is also important that these scientific results are published and available to support ongoing and future forest management activities while informing provincial grizzly bear recovery efforts and management.

Short project description: This final year for the completion of the fRI Grizzly Bear Program will involve: 1. Completing multi-year projects currently underway 2. Publishing findings from key recent research projects 3. Ensuring research partners have access to research data sets and that GIS based planning tools are maintained, updated and supported over the foreseeable future.

Key Research Themes:

☑Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery

Research Organizations: fRI Research,
Start Year: 2020
End Year: 2021
Still active in 2021?:   Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:

☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 58230
External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 260094
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Goshawk habitat management, harvest strategies and timber supply impacts
Project Objective: To identify goshawk territories that are at a level of development that will still allow for successful goshawk rearing and survival. And to develop tools and strategies to maximize timber supply within those area.
Short project description: Goshawk Habitat and timber supply impacts of management options over time.
Key Research Themes:

☑Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery

Government Organizations: BC Ministry of Forests, BC Timber Sales
Start Year: 2019
End Year: 2021
Still active in 2021?:   Yes
Select state(s)/province(s) for this project: British Columbia
External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 51886
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Greater Hines Creek Area Campsite Enhancement Program
Project Objective: Continue to enhance the recreational experience on nine established campsites in the greater Hines Creek area
Short project description: Project Description Canfor understands the importance of community involvement directly or indirectly. This initiative allows Canfor to work with local governments in the Hines Creek area to contribute to initiatives that are beneficial to local residents and communities. Canfor contributes funds to three municipalities to manage and maintain nine established campsites in the area.
Conservation Organizations: Forest Resource Improvement Association of Alberta
Government Organizations: Local municipal governments in the Hines Creek area of Alberta
Start Year: 2017
End Year: 2022
Still active in 2021?: Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 38233
External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 191372
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Jasper National Park Fuel Reduction-Communications Project
Project Objective: The goal is to inform people about the fuel reduction project completed by Jasper National Park and Canfor and to encourage future similar collaborations between local/provincial/federal governments with industry across Canada in order to reduce the risk of wildfire to communities while protecting ecological values
Short project description: From March 2018 to July 2019, Jasper National Park (JNP) and Canadian Forest Products Ltd. (Canfor) worked together on a project to reduce wildfire risk for the town of Jasper by mechanically removing overstory tree fuel. Landscape level fire management through mechanical tree removal is new for Parks Canada; this was the largest project of its kind that has been done in a National Park. The purpose of the proposed project is to communicate the successes of the Jasper National Park Pyramid Bench Fuel Reduction project. The partners want to share their learnings from the experience including the factors that allowed them to develop mutually agreeable solutions and how they were able to meet all their ecological goals through adaptive management. A variety of audiences are being targeted through this project.
Key Research Themes:
☑ Climate change adaptation and mitigation
☑ Forest health and productivity

Conservation Organizations: Parks Canada
Government Organizations: Natural Resources Canada
Start Year: 2020
End Year: 2021
Still active in 2021?: Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:

☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 28947
External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 28947
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Lidar Operational Forest Inventories
Project Objective: Expanding on Phase 1, the objective of this project is to complete an individual tree canopy inventory on the entire area of interest as well as to create a hybrid operational inventory
Short project description: Expanding on Phase 1, this project will include field data collection, completion of an individual tree crown inventory and a hybrid operational inventory to explore the ability and accuracies to utilize this advanced technology for strategic and operational inventory development
Key Research Themes:
☑Support for Forest Inventory Analysis (FIA)

Conservation Organizations: Forest Resource Improvement Association of Alberta
Start Year: 2020
End Year: 2021
Still active in 2021?:   Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 325628
External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 443162
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

Project Name: Partners in Boreal Education
Project Objective: To optimize the impact of forest science in northern Alberta through public awareness, science-technology transfer, and student science mentoring
Short project description: Project Description Partners in Boreal Education is a science extension and education program for the benefit of forest practitioners, citizens, and students who live and work in forest communities in Northern Alberta. Proposed activities include: 1) extension of research and field technologies to forest practitioners; 2) community awareness of forest sciences and resources; and 3) science mentoring of high school students
Academic Organizations: Northern Alberta Institute of Technology
Conservation Organizations: Forest FResource Improvement Association of Alberta
Government Organizations: Canadian Forest Service
Start Year: 2017
End Year: 2020
Still active in 2021?:   No

Project Name: Southern Rockies Watershed
Project Objective: Characterizing sediment production from harvesting and road-stream crossing during harvest operation and after road retirement in Phase II of the Southern Rockies Watershed Project. This project specifically supports the `core` water monitoring of suspended sediment within the watershed.

Short project description: Phase II of the SRWP included harvesting, hauling, silvicultural treatments, and slash disposal within the Star Creek sub drainage. The research on suspended sediment will focus on sediment production during road construction and harvest operations in 2015, and will track sediment production from reclaimed roads and crossings through subsequent years.

Key Research Themes:

☑ Water quality and quantity

Conservation Organizations: Forest Resource Improvement Association of Alberta

Start Year: 2015

End Year: 2022

Still active in 2021?: Yes

Select state(s)/province(s) for this project: Alberta

In-Kind Funding - projects or other collaborations:

☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 38820

External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 271740

May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:

Share - don't use our organization's name

Project Name: Using LiDAR variables to identify Old Growth stands in TFL14

Project Objective: To determine which LiDAR variables to use and an appropriate scoring system to identify the 'best' old growth stands in TFL14, and compare these to the stands selected using VRI.

Short project description: This project will use LiDAR in combination with VRI to identify stands with old growth characteristics, on the basis of their structure, rather than age. These stands will be compared to the existing OGMAs and the existing OGMAs, if required, changed to better reflect where the best old growth stands are. Field work is planned and/or comparison to field data collected in previous projects to ground-truth the results.

Key Research Themes:

☑ Support for Forest Inventory Analysis (FIA)

Conservation Organizations: Wildsight, KNC

Government Organizations: BC Ministry of Forests

Start Year: 2020

End Year: 2021

Still active in 2021?: Yes

In-Kind Funding - projects or other collaborations:

☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 5434

External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 15528

May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:

Share - don't use our organization's name

Project Name: Using Satellite for Enhanced Forest Inventory

Project Objective: Enhanced Forest Inventory for use in planning new blocks and getting better estimates for supply chain back to the inventory stage. Saves time and money id'ing new stands for harvest.

Short project description: Enhanced Forest Inventory for use in planning new blocks and getting better estimates for supply chain back to the inventory stage. Saves time and money id'ing new stands for harvest.

Key Research Themes:

☑Support for Forest Inventory Analysis (FIA)

Government Organizations: BC Timber Sales

Start Year: 2020

End Year: 2020

Still active in 2021?:   No

Project Name: Using Satellite for Forest Health tracking

Project Objective: Assist in the id of spruce beetle so faster action can be taken on the leading edge of attacks.

Short project description: Assist in the id of spruce beetle so faster action can be taken on the leading edge of attacks.

Key Research Themes:

☑Biodiversity, Forests with Exceptional Conservation Value, and species maintenance and recovery

Government Organizations: BC Ministry of Forests

Start Year: 2020

End Year: 2020

Still active in 2021?:   No

Select state(s)/province(s) for this project: British Columbia

Project Name: Climate Change Adaptation Trial Maintenance

Project Objective: Maintenance and measurement of Provincial Climate Change Adaptation trials.

Short project description: The goal of the CCA project is to ensure that seedlings and vegetative materials Alberta use for reforestation on public land will withstand climatic stress in the early and later stages to sustain wood fibre production at a rotation age, which could be 80 – 100 years into the future. Trials were established at this time, however require ongoing maintenance and measurements.

Key Research Themes:

☑Climate change adaptation and mitigation

Conservation Organizations: Forest Resource Improvement Association of Alberta

Other Organizations: Multiple Alberta forest products companies

Start Year: 2021

End Year: 2031

Still active in 2021?:   Yes

Select state(s)/province(s) for this project: Alberta

In-Kind Funding - projects or other collaborations:

☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 43184

External Funding - projects or other collaborations:

☑ External Funding

External Funding Amount - projects or other collaborations: 388656

May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:

Share - don't use our organization's name

Project Name: Provincial Realized Gain Trial Database
Project Objective: Develop a data collection program and database to store realized gain trial data from across the program
Short project description: As the RGT program has now grown into a provincial program, Tree Improvement Alberta would like to formalize the data storage of the RGT metadata in a centralized location in a standardized format. An opportunity was identified to combine RGT data storage within the existing Provincial Growth and Yield Initiative (PGYI) database, where the PGYI database could be used to store the RGT PSP data, and additional functionality could be added to store the RGT metadata.
Key Research Themes:
☑ Forest health and productivity

Conservation Organizations: Forest Resource Improvement Association of Alberta
Other Organizations: Multiple forest products companies.
Start Year: 2021
End Year: 2022
Still active in 2021?: Yes
Select state(s)/province(s) for this project: Alberta
In-Kind Funding - projects or other collaborations:
☑ In-Kind Funding

In-Kind Funding Amount - projects or other collaborations: 1560
External Funding - projects or other collaborations:
☑ External Funding

External Funding Amount - projects or other collaborations: 10923
May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:
Share - don't use our organization's name

2.4 Does your organization have any peer-reviewed or gray literature research papers on topics related to key sustainability issues published now or in the last 10 years? (OPTIONAL)

SFI is collecting peer reviewed and gray literature from SFI-certified organizations related to key sustainability issues.

No, we don't have any research papers to share

Section 2 - Checkbox indicator bottom

☑ MARK AS COMPLETE

3. LEGAL AND REGULATORY COMPLIANCE

Section 3 - Checkbox indicator

☑ MARK AS COMPLETE

3.1 Which social laws are explicitly included in your written policy as per performance measure 11.2 (Forest Management) and 4.2 (Fiber Sourcing)?

☑Prior to the implementation of the SFI 2022 Standards, our organization explicitly includes the following social laws in our written policy

    ☑Equal employment opportunities

    ☑Gender equality

    ☑Diversity inclusion

    ☑Anti-discrimination and anti-harassment measures

    ☑Workers' compensation

    ☑Indigenous Peoples' rights

    ☑Workers' and communities' right to know

    ☑Workers' right to organize

    ☑Occupational health and safety

☑After the implementation of the SFI 2022 Standards, our organization explicitly includes the following social laws in our written policy

    ☑Equal employment opportunities

    ☑Gender equality

    ☑Diversity inclusion

    ☑Anti-discrimination and anti-harassment measures

    ☑Workers' compensation

    ☑Indigenous Peoples' rights

    ☑Workers' and communities' right to know

    ☑Workers' right to organize

    ☑Occupational health and safety

Section 3 - Checkbox indicator bottom

☑MARK AS COMPLETE

4. FOREST MANAGEMENT PLANNING

☑COMPLETE

REPORTING HARVEST IN CANADA

4.4 Final harvest area: What is the total area of harvest units completed last year that would qualify as final harvest in Canada (the removal of the remaining trees in a stand. It is anticipated that the time between final harvests on a given unit would typically correspond to the economic rotation age of the species).

24229

Intermediary harvest - Canada

4.5 Intermediate harvest: What is the total area of harvest units completed last year in Canada that would qualify as intermediate harvest (selection methods, thinning or sanitation salvage, and other harvest units not classified as final harvest)?

14109

4.6 Average Clearcut Area: What was the average area (hectares) of final harvest that were clear-cut in Canada (even-aged silviculture system)?

38.1

ANNUAL SURVEY QUESTION ON CONVERSION

4.7 Did your organization convert one forest cover type to another forest cover type as defined by Indicator 1.2.1?

No

Section 4 - Checkbox indicator bottom

☑MARK AS COMPLETE

5. FOREST HEALTH AND PRODUCTIVITY

Section 5 - Checkbox indicator

☑COMPLETE

REPORTING REFORESTATION in CANADA

5.5 What PERCENTAGE of area (acres or hectares) reported as final harvest experience adequate regeneration (natural, planted and direct seeding) within the five year window? Enter total percentage regenerated in Canada.

95.3

5.7 Total area regenerated - Canada

134,465.9

5.8 Canada Total Planting

26247

5.9 Canada Total Direct Seeding

377

5.10 Canada Natural Regeneration

52074.2

5.11 Do you use a WHO 1A or 1B pesticide in your operations?

No

5.11 Do you use chemicals to achieve forest management objectives

Yes

☑Suppression of competing herbaceous species to ensure successful stand establishment

☑release of the target species to assist meeting "free to grow" targets

5.12 Does your organization collect data on soil health and/or productivity?

Yes

Soil Health - Please Explain

We collect data regarding soil disturbance. We also analyze soil texture to determine trafficability.

5.12 Has your organization implemented practices that protect and maintain soil health as per PM 2.3?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organization has implemented practices that protect and maintain soil health.

☑Use of low pressure equipment on sensitive soil sites

☑Seasonal harvesting on sensitive soil sites

☑Designated equipment trails to reduce soil compaction

☑Use of logging slash on equipment trails

☑Use of erosion control techniques for harvest units on steeper slopes (e.g. water bars on equipment trails; skidding parallel to contours)

☑After the implementation of the SFI 2022 FM Standard our organization implemented practices that protect and maintain soil health.

☑Use of low pressure equipment on sensitive soil sites

☑Seasonal harvesting on sensitive soil sites

☑Designated equipment trails to reduce soil compaction

☑Use of logging slash on equipment trails

☑Use of erosion control techniques for harvest units on steeper slopes (e.g. water bars on equipment trails; skidding parallel to contours)

Section 5 - Checkbox indicator bottom

☑MARK AS COMPLETE

6. Protection and maintenance of water resources

Section 6 - Checkbox indicator

☑COMPLETE

6.1 Does your organization have a program to implement federal, state, or provincial water quality best management practices during all phases of management activities as per PM 3.1?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organization has a program to implement federal, state, or provincial water quality best management practices during all phases of management activities.

☑Planned temporary shut-downs

Avoiding soil disturbance (compaction, erosion) when soils are water logged. Harvest when ground is frozen.

☑Alternative harvesting plans and sites

Moving harvest to sites with coarser soils, dryer soils.

☑After the implementation of the SFI 2022 FM Standard our organization has a program to implement federal, state, or provincial water quality best management practices during all phases of management.

☑Planned temporary shut-downs

Avoiding soil disturbance (compaction, erosion) when soils are water logged. Harvest when ground is frozen.

☑Alternative harvesting plans and sites

Moving harvest to sites with coarser soils, dryer soils.

6.2 Does your organization collect data on water quality (e.g. temperature, dissolved oxygen, pH, turbidity, nutrients)? (OPTIONAL)

No

6.3 Has your organization implemented water, wetland, and riparian protection programs based on climate, soil type, terrain, vegetation, ecological function, harvesting systems, state best management practices (BMPs), provincial guidelines and other applicable factors to protect water quantity within the area of your SFI certificate as per PM 3.2?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organization has implemented water, wetland, and riparian protection programs based on applicable factors to protect water quantity within the area of our SFI certificate.

☑Within watersheds monitoring clear-cut area as a percentage of the total area

Peak flow threshold monitoring is completed to avoid over harvest in sensitive watersheds.

☑Increased riparian management areas near hydrologically active (or sensitive) areas

Riparian reserve zone and riparian management area size is adjusted based on size of stream, fish presence, water intakes.

☑Establishment of machine-free zones

MFZs established to protect streambanks and riparian vegetation

☑After the implementation of the SFI 2022 FM Standard our organization has a program to implement federal, state, or provincial water quality best management practices during all phases of management.

☑Within watersheds monitoring clear-cut area as a percentage of the total area

Peak flow threshold monitoring is completed to avoid over harvest in sensitive watersheds.

☑Increased riparian management areas near hydrologically active (or sensitive) areas

Riparian reserve zone and riparian management area size is adjusted based on size of stream, fish presence, water intakes.

☑Establishment of machine-free zones

MFZs established to protect streambanks and riparian vegetation

6.4 Does your organization collect data on water quantity within your managed forests (e.g., data from gauging stations such as water flow rates, depth, and seasonal high and low flows)? (OPTIONAL)

No

Section 6 - Checkbox indicator bottom

☑MARK AS COMPLETE

7. Conversion of Biological Diversity

☑COMPLETE

Section 7 - Checkbox indicator bottom

☑MARK AS COMPLETE

8. MANAGEMENT OF VISUAL QUALITY AND RECREATIONAL BENEFITS

Section 8 - Checkbox indicator

☑COMPLETE

Country: Canada
State/Prov: Alberta
Certified Area (Acres): 2,709,130
Certified Area (HA): 1,096,346
Public/Private: Public
Forest Ownership Type: Provincial
% open to the public for recreation: 100
Areas open to recreation on your lands:
☑No Fee

Country: Canada
State/Prov: British Columbia
Certified Area (Acres): 27,063,342
Certified Area (HA): 10,952,145
Public/Private: Public
Forest Ownership Type: Provincial
% open to the public for recreation: 100

Areas open to recreation on your lands:
☑No Fee

Section 8 - Checkbox indicator bottom

☑MARK AS COMPLETE

9. RECOGNIZE AND RESPECT INDIGENOUS PEOPLES' RIGHTS

Section 9 - Checkbox indicator

☑COMPLETE

9.1 Has your organization implemented a program with appropriate training of personnel and contractors so that your organization is competent to fulfill responsibilities under Objective 8 of the Forest Management Standard (PM 8.1, Indicator 1.c)?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organization provides training to personnel and contractors

☑Training is integrated into personnel and contractors onboarding

☑Training is tailored to different roles within our organization (e.g., Human Resources; Board Members; Foresters; Field Staff)?

☑Indigenous rights-holders are involved in the development and/or delivery of training

☑The same training is provided across our organization, regardless of geographic location

☑After the implementation of the SFI 2022 FM Standard our organization provides training to personnel and contractors

☑Training is integrated into personnel and contractors onboarding

☑Training is tailored to different roles within our organization (e.g., Human Resources; Board Members; Foresters; Field Staff)?

☑Indigenous rights-holders are involved in the development and/or delivery of training

☑The same training is provided across our organization, regardless of geographic location

9.2 Would you be interested in collaborating with SFI to develop case studies

Yes

If yes, who would be the most appropriate point of contact within your organization?

Kerri Simmons kerri.simmons@canfor.com

Section 9 - Checkbox indicator bottom

☑MARK AS COMPLETE

10.CLIMATE SMART FORESTRY

Section 10 - Checkbox indicator

☑COMPLETE

10.1 Has your organization identified climate change risks to your forests and forest operations as per SFI 2022 Forest Management Standard Performance Measure 9.1?

☑Prior to the implementation of the SFI 2022 FM Standard

    ☑PARTIALLY, our organization had identified risks on some of our forest area

☑After the implementation of the SFI 2022 FM Standard our organization has identified the following risks

    ☑Risks to forest health, such as

        ☑Changes to precipitation regimes (e.g., dryer or wetter growing conditions)

        ☑Range shifts in pest species or invasive species that pose a threat to forests

    ☑Risk of shortened harvest season(s) and impacts to silviculture operations other risks

    ☑Increased catastrophic fire, reduced tree vigour

10.2 Has your organization developed appropriate adaptation objectives and strategies to address climate change risks to forests and forest operations per SFI 2022 Forest Management Standard Performance Measure 9.1?

☑Prior to the implementation of the SFI 2022 FM Standard

    ☑PARTIALLY, our organization had developed an adaptation plan to address priority climate change risks on some of our forest area.

☑After the implementation of the SFI 2022 FM Standard our organization has developed the following plans to address priority climate change risks

    ☑Adjustments to shorter harvest seasons due to spring thaw and shorter winters

    ☑Adjustments to scheduling of operations such as access trail/road construction, site preparation due to increased peak flow, extended wet seasons or flood conditions

    ☑Assisted tree migration through selective planting

    ☑Changes to larger culverts or bridge structures to accommodate higher peak flows and flood conditions

    ☑Changes to road layout and design to resist washouts from floods, or to create systemic fire breaks

10.3 Has your organization identified opportunities to adopt your forest operations to climate change as per SFI 2022 Forest Management Standard Performance Measure 9.2?

☑Prior to the implementation of the SFI 2022 FM Standard

    ☑PARTIALLY, our organization had identified opportunities to adopt our forest management operations to climate-related effects associated with our forest operations for some of our forest area.

☑After the implementation of the SFI 2022 FM Standard our organization has developed the following plans to address priority climate change risks

☑Assisted migration of tree species

☑Fuel load reduction in managed forests

☑Increases in culvert sizes

☑Changes in annual harvesting schedules

☑Age of equipment

☑Configuration of equipment (size and type)

10.4 Has your organization addressed opportunities to mitigate the effects associated with your forest operations on climate change as per SFI 2022 Forest Management Standard Performance Measure 9.2?

☑After the implementation of the SFI 2022 FM Standard our organization has developed the following plans to address priority climate change risks

☑Prompt reforestation or planned natural reforestation as per Indicator 2.2.1;

☑Adequate regeneration and appropriate actions to correct understocked areas

☑Protection of desirable or planned advanced regeneration during harvest and the retention of vigorous trees during partial harvest

☑Planned thinning or other silvicultural practices to enhance forest growth ⬜ Species selection to enhance forest resilience

☑Species selection to enhance forest resilience

☑Identify alternative uses for logging waste to manage for fuel abatement and minimizing open burning

☑Utilize correct equipment size/type

10.5 Information sources for climate change strategies - documents

Climate Preparedness and Adaptation Strategy Summary.pdf (436.20 kB)

10.6 Impact of carbon sequestration

Yes

Is landbase included in carbon accounting?

Currently only a portion pf the landbase.

Section 10 - Checkbox indicator bottom

☑MARK AS COMPLETE

11. FIRE RESILIANCE AND AWARENESS

Section 11 - Checkbox indicator

☑COMPLETE

11.1 Has your organization developed a fire risk analysis to date?

Yes

If yes, during the course of your fire risk analysis, what risks has your organization identified?

Damage to infrastructure, negative pressure on allowable cut, carbon emissions

11.2 On forests your organization owns or manages, does your organization limit susceptibility to undesirable impacts of wildfire as per PM 10.1?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organization limits susceptibility to undesirable impacts of wildfire using the following management techniques on forests our organization owns or manages

☑Selection of fire-resistant tree species, as appropriate for the landscape

☑Stand thinning

☑Other treatments to reduce levels of hazardous fuels, such as brushing and dead wood removals

☑After the implementation of the SFI 2022 FM Standard our organization has developed the following plans to address priority climate change risks

☑Selection of fire-resistant tree species, as appropriate for the landscape

☑Stand thinning

☑Other treatments to reduce levels of hazardous fuels, such as brushing and dead wood removals

11.3 On forests your organization owns or manages, does your organization promote healthy and resilient forest conditions through management techniques, actions and/or policies, and support restoration of forests following wildfire damage as per PM 10.1?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organizations promotes healthy and resilient forest conditions through management techniques, actions and/or policies, and supports restoration of forests following wildfire damage on forests our organization

☑Salvage logging

☑Installation of water or erosion control devices

☑Planting or seeding for erosion control or slope stability

☑Installation of appropriate-sized drainage features on roads or trails

☑Protection or restoration of significant ecological areas, or FECV

☑Monitoring for detection and rapid response to minimize the spread of invasive species

☑Prompt reforestation of burned areas

☑Fire danger weather monitoring, alteration of work schedules

☑After the implementation of the SFI 2022 FM Standard our organization has developed the following plans to address priority climate change risks

☑Salvage logging

☑Installation of water or erosion control devices

☑Planting or seeding for erosion control or slope stability

☑Installation of appropriate-sized drainage features on roads or trails

☑Protection or restoration of significant ecological areas, or FECV

☑Monitoring for detection and rapid response to minimize the spread of invasive species

☑Prompt reforestation of burned areas

☑Fire danger weather monitoring, alteration of work schedules

11.4 Does your organization engage in efforts to raise awareness of and take action towards benefits of fire management and minimization of undesirable impacts of wildfire as per PM 10.2?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organization engages in efforts to raise awareness of and take action towards benefits of fire management and minimization of the undesirable impacts of wildfire

☑Included in our organization's training programs, please explain and provide example(s)

Staff are trained re fire impacts, prevention and suppression

☑Involved in community fire prevention programs, please explain and provide example(s)

Harvesting / thinning near forest communities to reduce fire risk

☑Participate in existing programs promoting fire management benefits, please explain

Support of fire smart programs, presentations to public groups.

☑After the implementation of the SFI 2022 FM Standard our organization engages in efforts to raise awareness of and take action towards benefits of fire management and minimization of the undesirable impacts of wildfire

☑Included in our organization's training programs, please explain and provide example(s)

Staff are trained re fire impacts, prevention and suppression

☑Involved in community fire prevention programs, please explain and provide example(s)

Harvesting / thinning near forest communities to reduce fire risk

☑Participate in existing programs promoting fire management benefits, please explain

Support of fire smart programs, presentations to public groups.

Section 11 - Checkbox indicator bottom

☑MARK AS COMPLETE

12. Forest tree biotechnology and FORESTS OUTSIDE US/CANADA

Section 12 - Checkbox indicator

☑COMPLETE

12.1 We currently invest in research with Genetically Engineered trees via forest tree biotechnology

No

1

Country: Sweden
Is this area certified under a certification standard?:   Yes
cert standard dropdown: FSC Standard

Section 12 - Checkbox indicator bottom

☑MARK AS COMPLETE

QUESTIONS FOR SFI FIBER SOURCING CERTIFIED ORGANIZATIONS

13. BIODIVERSITY IN FIBER SOURCING

☑COMPLETE

Annual Survey Question on Biodiversity in Fiber Sourcing

13.1 Have you conducted an assessment of Forests with Exceptional Conservation Value within your wood and fiber supply area as per Objective 1?

☑Prior to the implementation of the SFI 2022 FM Standard

☑YES, our organization has conducted an assessment of Forests with Exceptional Conservation Value within our wood and fiber supply area. Our organization is utilizing and/or sharing our assessment of FECVs in our wood and fiber supply area as follows

☑use of qualified logging professionals, certified logging companies (where available), and qualified resource professionals; or

☑training program for qualified logging professionals on how to recognize and protect Forests with Exceptional Conservation Value; or

☑forest landowner outreach; or

☑After the implementation of the SFI 2022 FM Standard our organization has conducted an assessment of Forests with Exceptional Conservation Value within our wood and fiber supply area. Our organization is utilizing and/or sharing our assessment of FECVs in our wood and fiber supply area as follows: (check all that apply):

☑use of qualified logging professionals, certified logging companies (where available), and qualified resource professionals; or

☑training program for qualified logging professionals on how to recognize and protect Forests with Exceptional Conservation Value; or

☑forest landowner outreach; or

☑FECV summary and sugested best management practices included in Outreach package shared with uncertified landowners and wood suppliers

Section 13 - Checkbox indicator bottom

☑MARK AS COMPLETE

14. USE OF QUALIFIED RESOURCE PROFESSIONALS, QUALIFIED LOGGING PROFESSIONALS

Section 14 - Checkbox indicator

☑COMPLETE

Raw material from privately owned lands
Units: Cubic Meters
Volume: 364,056
% Delivered by Qualified Logging Professionals: 7
% from SFI only certified forests: 12
% from ATFS only certified forests: 0
% from CSA only certified forests: 0
Select standard combination if reporting volume certified to more than one standard: CSA/FSC|0

Raw material sources - Enter Reason Less than 100% - cnd: Non certified volume is 88% of total.

Raw material from publicly owned lands
Units: Cubic Meters
Volume: 3,024,864
% Delivered by Qualified Logging Professionals: 33
% from SFI only certified forests: 62
% from ATFS only certified forests: 0
% from CSA only certified forests: 0
Select standard combination if reporting volume certified to more than one standard: CSA/FSC|1

Raw material sources - Enter Reason Less than 100% - cnd: Non certified volume is 37% of total.

Section 14 - Checkbox indicator bottom

☑MARK AS COMPLETE

15. COMMUNITY INVOLVEMENT AND LANDOWNER OUTREACH

☑COMPLETE

15.1 Landowner Outreach

☑Handed out brochures

☑Participated in a conference or workshop for landowners

☑Partnered with state or county extension programs

☑Engage landowners via local public advisory/outreach groups that Canfor engaged with in development of former CSA SFM plans.

Section 15 - Checkbox indicator bottom

☑MARK AS COMPLETE

16. AVOID CONTROVERSIAL SOURCES

Section 16 - Checkbox indicator

☑COMPLETE

1
Volume: 0
% PEFC certified forest content: 0
% FSC certified forest content: 0
% Dual PEFC/FSC forest content: 0
% SFI Fiber Sourcing: 0
Optional Comment: No raw fiber was procured from outside of Canada.

Section 16 - Checkbox indicator bottom

☑MARK AS COMPLETE

Sign-off and submit

☑I acknowledge and certify that all of the information submitted is true and accurate for all our
manufacturing facilities or lands under our ownership or management across the U.S. and Canada