Fort St. John Pilot Project

Sustainable Forest Management Plan
2020/2021 SFI and Regulatory Annual Report

For the period April 1st, 2020 to March 31st, 2021

BC Timber Sales
Canadian Forest Products Ltd.
Cameron River Logistics Ltd.
Louisiana-Pacific Canada Ltd.
Mackenzie Pulp Mill Corp.
Dunne-za LP
Peace Valley OSB

Final Report
October 26, 2021

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BC Timber Sales (BCTS)
Canadian Forest Products Ltd. (CANFOR)
Cameron River Logistics Ltd. (CRL)
Louisiana-Pacific Canada Ltd. (LP)
Mackenzie Pulpmill Corp. (MPMC)
Dunne-za LP
Peace Valley OSB (PVOSB)

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EXECUTIVE SUMMARY

Highlights of 2020-2021

- **Seventeen years operating with a Sustainable Forest Management Plan (SFMP)** - The 2020-2021 reporting year was the third year of operation under SFMP #3, which was approved on May 4th, 2018. The Plan was amended, effective April 1, 2020. Three new indicators were added, and nine existing ones were revised.
- The structure of this Annual Report is inspired by SFMP #3 and the Plan is referred to throughout this document. The indicators listed in Section 3 of the Annual Report correspond with the indicators listed in section 6 of the SFMP. For example: section 3.25 in this document relates to the indicator described in section 6.25 of the Plan. The SFMP document, amendments to the plan, and this report can be found at: https://www.fsjpilotproject.com/project.html.
- Louisiana-Pacific announced in February 2021 that it would be restarting the Peace Valley OSB plant.
- The world-wide COVID-19 pandemic and its cascading impacts played a significant role in the lives of the Participants' employees. The Participants adapted to the situation as many people world-wide did and were able to continue the work to ensure Sustainable Forest Management practices were implemented in the DFA. While in-person meetings were largely replaced by 'virtual' meeting formats, the safety protocols employed allowed much of the necessary fieldwork to continue.
- **Indicator performance** - The participants achieved consistent positive performance regarding overall conformance to indicator targets with 68 of 72 (94.4%) indicator targets achieved in the 2020-21 year.
- **Legal indicator performance** - For the period of April 1st, 2020 to March 31st, 2021, the participants achieved the performance indicator objectives on 28 of the 30 different regulatory Landscape Level Strategy indicators (Section 42 of the *Fort St. John Pilot Project Regulation* (*FSJPPR*) or affecting Part 3 Division 5 of the *FSJPPR*).

Summary of Participants Consistency with the Landscape Level Strategies

The participants' progress in implementing the landscape level strategies contained in the SFMP, as measured by the degree of achievement of the target or acceptable variance of the regulatory indicators, is detailed in Section 11, and summarized as follows:

Timber Harvesting Strategy - Activities were consistent with the targets or acceptable variances on 78% (7 of 9) of the *Fort St. John Pilot Project Regulation* (*FSJPPR*) Section 42 performance indicators, and 100% (4 of 4) of non-regulatory SFMP indicators linked to the Timber Harvesting Strategy.

Access Management Strategy - Activities were consistent with the targets or acceptable variances on 100% (2 of 2) of the *FSJPPR* Section 42 performance indicators, and 100% (1 of 1) of the Section 35 (6) performance standard indicators and 100% (1 of 1) of non-regulatory SFMP indicators linked to the Access Management Strategy.

Patch Size, Seral Stage and Adjacency Strategy - Activities were consistent with the targets or acceptable variances on 100% (4 of 4) of the *FSJPPR* Section 42 performance indicators, and 100% (2 of 2) of the Section 35 (6) performance standard indicators linked to the Patch size, Seral Stage and Adjacency Strategy. The Wildlife Tree Retention target was achieved on 11 of 11 Landscape Units.

Riparian Management Strategy - Activities were consistent with the targets or acceptable variances on 100% (4 of 4) of the *FSJPPR* Section 42 performance indicators, and 100% (2 of 2) of the Section 35 (6) performance standard indicators linked to the Riparian Management Strategy.

Visual Quality Management Strategy - Activities were assessed as being consistent with the target or acceptable variance for the Section 42 performance indicator on blocks requiring assessment prior to the end of the reporting period. Therefore, activities were consistent with the target or acceptable variance on 100% (1 of 1) of the Section 42 performance indicator linked to the Visual Quality Strategy.

Forest Health Management Strategy - Activities were consistent with the targets or acceptable variances on 100% (6 of 6) of the Section 42 performance indicators and 100% (1 of 1) non regulatory SFMP indicators linked to the Forest Health Management Strategy.

Range and Forage Management Strategy - Activities were consistent with the targets or acceptable variances on 100% (2 of 2) of the Section 42 performance indicators, and 100% (1 of 1) non regulatory SFMP indicators linked to the Range and Forage Management Strategy.

Reforestation Strategy (conifer) - Activities were consistent with the targets or acceptable variances on 100% (4 of 4) Section 42 performance indicators, on 100% (2 of 2) Section 35 (6) performance standard indicators and 100% (1 of 1) non-regulatory SFMP indicators linked to the Reforestation Strategy.

Soil Management Strategy – Activities were consistent with the target or acceptable variance for the Section 42 performance indicator linked to the Soil Management Strategy. 100% (1 of 1) legal indicators were met.

Summary of Changes to the Indicators or their Status

The following tables summarize non-conformances to indicators in the 2020-21 reporting year, and revisions made to the SFMP for the reporting year (note that indicators in red text refer to those related to regulatory requirements under the *FSJPPR*).

Indicator		Non-conformance
Indicator 52	AAC Partition – Conifer planning	Amount of planned spruce volume in the core area exceeds target
Indicator 52a	AAC Partition – Conifer harvest performance	Amount of spruce volume harvested in the core area exceeds target
Indicator 57	Percentage of known traditional site-specific aboriginal values and uses identified that are addressed in operational plans (See Section 3.57)	Since less than 100% of known traditional site-specific values and uses identified were addressed in operational plans, this indicator was not met for the reporting period.
Indicator 61	Educational Outreach	The minimum 40 people receiving outreach information could not be confirmed. Not all of the Participants engaged in educational outreach during the reporting period

Indicator		Significant Revisions
Indicator 33	First Nations Consultation & Information Sharing	Prior CSA requirement. Will be removed and will not apply in future reporting. Legal obligations address aspects of information sharing and consultation.
Indicator 38	Carbon Sequestration Rate	Prior CSA requirements. Will be removed and will not apply in future reporting. Depended upon MFLNRORD completing carbon budget modelling in Timber Supply Review.
Indicator 39	Ecosystem Carbon Storage	
Indicator 48	Summer and Fall Volume Deliveries	Prior CSA requirements. Will be removed and will not apply in future reporting.
Indicator 55	Direct and Indirect Employment	
Indicator 63	Worker Training	

The draft of this report was provided to the Fort St John Pilot Project Public Advisory Group for review on September 22nd, 2021 and discussed at the meeting of the PAG and Participants on October 14, 2021.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

APPENDICES

1. INTRODUCTION AND OVERVIEW

This annual report summarizes activities completed between April 1st, 2020 and March 31st, 2021 on tenures managed by participants in the Fort St. John Pilot Project. Activities occurred on the following tenures: BC Timber Sales, FL A18154 and PA 12 held by Canadian Forest Products Ltd; FL A59959 held by Cameron River Logging Ltd.; FL A60972, held by Mackenzie Pulp Mill Corp.; FL A60050, FL A60049 and PA 20 held by Louisiana-Pacific Canada Ltd.; FL A85946 held by Louisiana Pacific - Peace Valley OSB; and FL A56771 jointly held by Dunne-za Ventures and Canadian Forest Products Ltd.

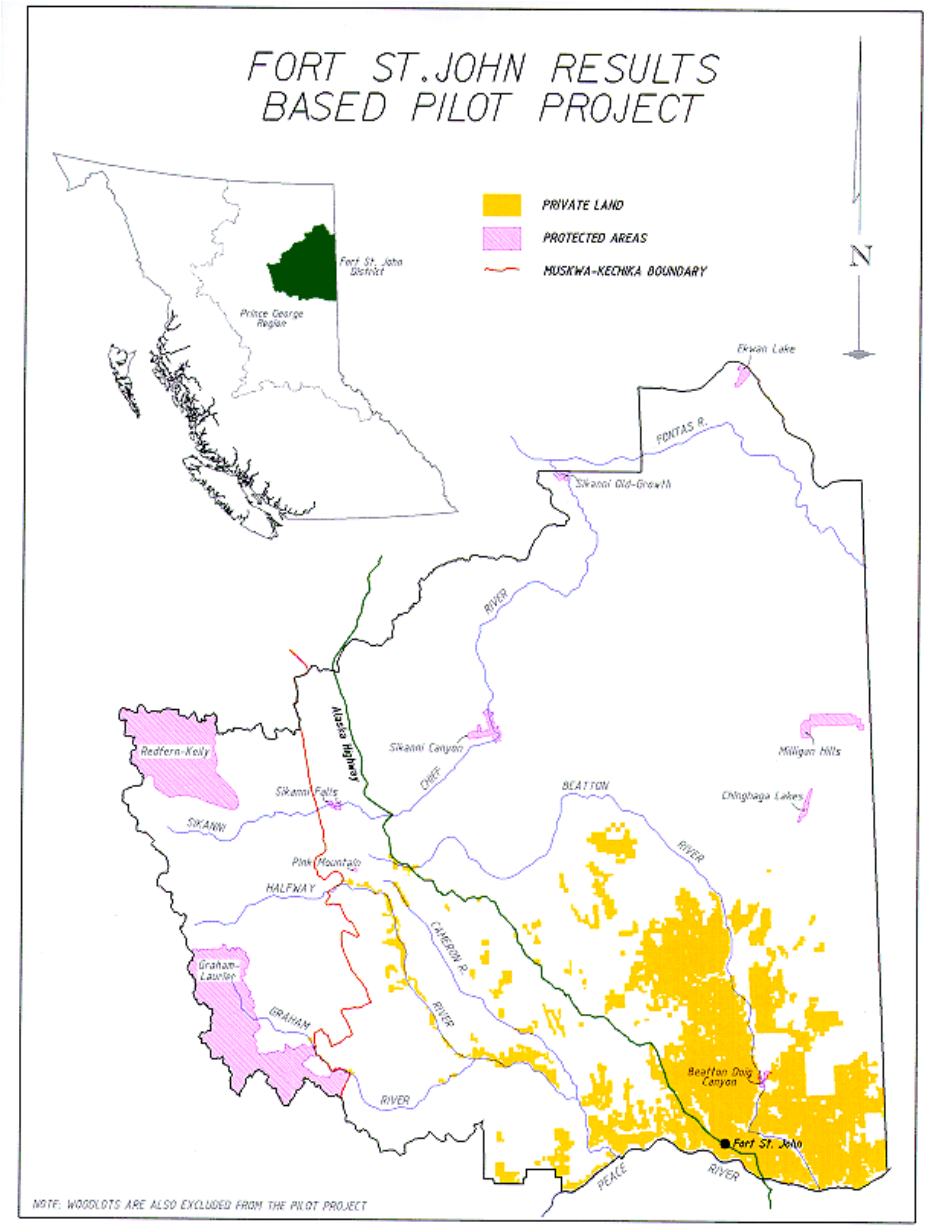

Figure 1: Map of the FSJ Pilot Project area

The Pilot Participants achieved registration under the Canadian Standards Association CAN/CSA Z809-02 Sustainable Forest Management System for the Fort St. John TSA (Timber Supply Area) (see Figure 1: Map of the FSJ Pilot Project area) forestry operations on October 17th, 2003. In partial fulfillment of achieving registration, a public group, the Public Advisory Group (PAG), was formed in 2001 to help identify and select values, objectives, indicators, and targets for sustainable forest management. The original indicators and targets identified by the PAG, along with associated forest management practices to achieve those objectives, were detailed in the Sustainable Forest Management Plan #1 (SFMP #1) and revised in SFMP #2 and SFMP #3. In 2019 the participants started the process of moving towards a new certification standard – the Sustainable Forestry Initiative (SFI). Two participants were registered under SFI on May 1st, 2019 (BCTS) and June 7th, 2019 (Canfor). LP is in the process of transitioning to SFI as well. The 2020/21 Annual Report is a summary report on the status of each indicator. The report includes revisions to the indicators, targets, or the way they are measured, as noted in amendment #1 to SFMP #3. Future revisions, if any, to the indicators, targets, or the way they are measured will be captured in subsequent annual reports.

This report is prepared annually, as required by the SFI standard and the *FSJPPR*. In this report, each indicator is reiterated, and a brief status report is provided in Section 3. For additional background information on the indicators and targets, or the implementation and monitoring requirements, the reader should refer to SFMP #3 and its amendments.

In addition to SFI requirements, this report includes information required by Section 51 of the *FSJPPR*. This information is expressed in sections of the annual report which demonstrate the participants' access management, harvesting, and reforestation activities (Sections 4 to 7), as well as variances (Section 8), compliances (Section 9), plan amendments (Section 10), and a statement on progress on Landscape Level Strategies (Section 11). The section headings and appendices of this report that address the legal requirements of the *FSJPPR* are identified in the table of contents, as well as throughout the report, in red text.

The following indicators are reported on periodically, typically at the close of an SFMP/FOS management period. For greater clarity, these indicators are analyzed at the time the SFMP is developed and, when a new FOS or significant amendment is developed, to ensure consistency with the SFMP.

- 1 - Forest Types
- 2 - Seral Stages
- 3 - Patch Size
- 8 - Shrubs
- 17 - Representative Examples of Ecosystems
- 34 - Peak Flow Index

Analyses of these indicators, and comparison against the condition present when the SFMP was developed, illustrates both the effect of changing stand dynamics (i.e., forests aging) and the impact of the participants' activities in the Defined Forest Area (DFA). The results presented here will account for the areas amended into the FOS, in response to wildfires, insect attack, and the harvest needs of the Participants.

Monitoring procedures as outlined in the SFMP are followed to the best of the participants' abilities. Some variation and refinement may occur year over year, and reporting systems change, and the Participants adapt to new information and processes.

Another potential source of potential variation may result from the private land, lease, and Woodlot spatial data used. To complete the analyses for Annual Reports, the participants use the most current available data. Changes in these data may result in minor reduction in the size of the forested land base managed by the participants.

These issues account for the variation in the forest inventory data presented between the analyses completed when SFMP #3 was developed and those completed to reflect the current forest condition for the 2009 and this Annual Report.

2. DESCRIPTION OF THE PILOT PROJECT

In June 1999, the BC government added Part 10.1 to the *Forest Practices Code of BC Act* to enable results-based pilot projects. The intent of the pilot projects is to test ways to improve the regulatory framework for forest practices while maintaining the same or higher levels of environmental standards.

Canadian Forest Products Ltd., Slocan Forest Products Ltd., Louisiana-Pacific Canada Ltd., and the Ministry of Forests Small Business Forest Enterprise Program prepared a detailed pilot project proposal that provided the basis for the *Fort St. John Pilot Project Regulation* (*FSJPPR*). In 2001, the participants established a Public Advisory Group (PAG) comprised of local people representing a variety of interests. The Public Advisory Group reviewed the draft detailed project proposal and draft regulation, reviewed comments from the general public and provided advice to government on the suitability of the project. Cabinet accepted the proposal and a draft regulation late in 2001. The regulation was approved as effective December 1, 2001.

The *FSJPPR* requires the establishment of a strategic plan for the pilot project area, known as a Sustainable Forest Management Plan (SFMP). The participants prepared the SFMP with the guidance of a local Public Advisory Group and a scientific/technical advisory committee.

The SFMP was approved by the Regional Manager, Northern Interior Forest Region, Ministry of Forests and the Regional Director, Omineca-Peace Region, Ministry of Water, Land and Air Protection, in April 2004. A revised SFMP was prepared and submitted to Government for approval in July 2010. SFMP #2 has undergone thorough review by the PAG, First Nations, the public and scientific technical advisors and Government. Government, on November 1st, 2010 approved SFMP #2.

SFMP #3, which is based on SFMP #2 was prepared during 2015 and has undergone thorough review by the PAG, First Nations, the public and scientific technical advisors and Government. SFMP #3 was submitted to government for approval on May 30th, 2016 and revised on April 18th, 2017. SFMP #3 was given conditional approval on May 4th, 2018 by the Ministry of Forests, Lands, Natural resource Operations and Rural Development (MFLNRORD).

3. SFM INDICATORS, OBJECTIVES AND TARGETS

The format of each status report is described below:

X.X INDICATOR

Indicator Statement	Target Statement
A reiteration of the indicator as identified in the landscape level strategy or the SFM matrix.	A specific statement describing a desired future state or condition of an indicator. Targets are succinct, measurable, achievable, realistic, and time bound.
SFM Objective: A description the SFM objectives that this indicator and target relate to.	
Linkage to *FSJPPR*: If applicable, a brief statement regarding whether this indicator affects performance requirements of the *FSJPPR*, or if it will be used to evaluate success of the implementation of the landscape level strategy. Any linkages expressed in this section refer to the SFMP #3 which can be found at https://www.fsjpilotproject.com/project.html.	

Acceptable Variance:

This provides the acceptable variance from the desired level of the indicator.

CURRENT STATUS AND COMMENTS

This section provides an update on the status of each indicator and objective. The best information available up to and including March 31, 2020 (except where noted) was used for the preparation of this status report.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

When required, this section describes suggested revisions to details (e.g., wording, reporting periods) of the indicator and objective. These revisions will be presented to the PAG for their review.

Status of Indicators in 2020-2021

3.1 Forest Types

Indicator Statement	Target Statement
Percent distribution of forest type (deciduous, deciduous mixedwood, conifer mixedwood, conifer) >20 years old by landscape unit.	All forest type groups by landscape unit will meet or exceed the minimum area percentage in Table 9.[1]
SFM Objective: Maintain the diversity and pattern of communities and ecosystems within a natural range. Ecosystem functions capable of supporting naturally occurring species exist within the range of natural variability.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Forest Health Landscape Level Strategy.	

Acceptable Variance:

There is no acceptable variance for this indicator.

Targets may need to be reviewed following large natural catastrophic events.

CURRENT STATUS AND COMMENTS

This indicator monitors the change in the proportion of forest type groups (>20 years old), within broad groups based on leading tree species, over time. Stands less than 20 years of age are not included as they typically show significant fluctuations in tree species composition each year due to circumstances such as silviculture practices or rapid natural ingress of species in regenerating stands. Forest type groups are the designation of stand types into one of 4 ecologically significant groups – pure deciduous, deciduous leading mixedwood, conifer leading mixedwood, and pure conifer.

The following table, Table 1, is derived from Forest Operations Schedule #3 (Amendment # 399) and presents the baseline status as of 2020 along with the SFMP targets by Forest Type and Landscape Unit (LU). All forty-four Forest Type/Landscape Unit combination targets were found to be above the target minimums, and therefore consistent with the SFMP target.

The participants' activities are consistent with the target for this indicator. The analysis for this indicator will be conducted again when significant amendments to the Forest Operations Schedule are proposed (eg. significant addition of proposed block area) or significant natural disturbance occurs across multiple Landscape Units.

[1] Refers to Table 9 in the *Fort St. John Pilot Project Sustainable Forest Management Plan #3*

Table 1: 2020 Status for Forest Types

Landscape Unit	Forest Type	2020 Status		Min. Target Area
		Area (ha)	% of L.U	%
Blueberry	Coniferous Leading	149,061	41%	33%
	Coniferous Mixed	42,965	12%	8%
	Deciduous Leading	122,060	33%	28%
	Deciduous Mixed	52,092	14%	11%
Blueberry Total		366,179		
Crying Girl	Coniferous Leading	54,874	94%	76%
	Coniferous Mixed	1,828	3%	1%
	Deciduous Leading	869	1%	1%
	Deciduous Mixed	1,105	2%	1%
Crying Girl Total		58,676		
Graham	Coniferous Leading	215,049	95%	77%
	Coniferous Mixed	5,446	2%	1%
	Deciduous Leading	3,807	2%	1%
	Deciduous Mixed	3,182	1%	1%
Graham Total		227,483		
Halfway	Coniferous Leading	91,077	73%	62%
	Coniferous Mixed	8,655	7%	3%
	Deciduous Leading	15,630	13%	9%
	Deciduous Mixed	9,536	8%	4%
Halfway Total		124,897		
Kahntah	Coniferous Leading	93,252	40%	29%
	Coniferous Mixed	23,602	10%	10%
	Deciduous Leading	85,549	36%	30%
	Deciduous Mixed	33,323	14%	10%
Kahntah Total		235,725		
Kobes	Coniferous Leading	38,846	45%	35%
	Coniferous Mixed	9,992	12%	8%
	Deciduous Leading	27,571	32%	28%
	Deciduous Mixed	9,593	11%	9%
Kobes Total		86,003		
Lower Beatton	Coniferous Leading	13,764	13%	11%
	Coniferous Mixed	6,883	7%	5%
	Deciduous Leading	72,658	71%	56%
	Deciduous Mixed	8,908	9%	7%
Lower Beatton Total		102,213		
Milligan	Coniferous Leading	85,922	59%	45%
	Coniferous Mixed	9,826	7%	6%
	Deciduous Leading	40,157	28%	24%
	Deciduous Mixed	9,729	7%	5%
Milligan Total		145,634		
Sikanni	Coniferous Leading	122,442	94%	75%
	Coniferous Mixed	2,742	2%	1%
	Deciduous Leading	2,714	2%	1%
	Deciduous Mixed	1,992	2%	1%
Sikanni Total		129,889		
Tommy Lakes	Coniferous Leading	144,177	50%	45%
	Coniferous Mixed	30,024	10%	8%
	Deciduous Leading	73,131	25%	18%
	Deciduous Mixed	42,969	15%	9%
Tommy Lakes Total		290,302		
Trutch	Coniferous Leading	114,190	56%	48%
	Coniferous Mixed	18,391	9%	7%
	Deciduous Leading	47,017	23%	17%
	Deciduous Mixed	25,092	12%	9%
Trutch Total		204,690		
Grand Total		1,971,691		

Reforestation is balanced on the landscape using the mixedwood ledger for the area that is impacted by harvesting which accounts for a small percentage of the landscape unit. Large variances in the forest type areas are due to updated Vegetation Resources Inventory (VRI) information.

Change Monitoring Inventory (CMI)

Long term monitoring of species composition change within managed stands will occur throughout the DFA via Change Monitoring Inventory (CMI) plot establishment and re-measurement. Starting in 2003, the Participants have contracted the establishment of CMI plots in the DFA on harvested or burnt areas. The location of these plots is on a systematic 3km square grid overlaid on the DFA. It is intended to establish plots on predefined points located on the grid, where they fall in managed stands, 15 years after harvest. The data from these plots can be used to detect long-term changes in managed stands' species composition after subsequent remeasurements are conducted over an extended period of time. CMI work is dependent on contractor availability and budgets. Annual CMI activities may include establishment of new plots as well as re-measurement of plots established equal to or greater than 10 years ago.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.2 SERAL STAGE

Indicator Statement	Target Statement
The minimum proportion (%) of late seral stage forest retention by NDU.	A) All Periods: The minimum proportion (%) of late seral stage forest retention by NDU as identified in Table 11[2] will be met. B) By the close of Period 1 (April 1, 2019 –March 31, 2020): a minimum of 30% of the late seral stage forest retention target will be achieved by contribution from spatially identified OFMAs, in all NDUs. By the close of Period 2 (April 1, 2020 –March 31, 2021): a minimum of 60% of the late seral stage forest retention target will be achieved by contribution from spatially identified OFMAs, in all NDUs. By the close of Period 3 (April 1, 2021 –March 31, 2022): A minimum of 100% of the late seral stage forest retention target will be achieved by contribution from spatially identified OFMAs, in all NDUs.
SFM Objective: Maintain the diversity and pattern of communities and ecosystems within a natural range. Ecosystem functions capable of supporting naturally occurring species that exist within the range of natural variability. Maintain a natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target and acceptable variance will be one of the indicators used to determine if forest practices are consistent with the Patch Size, Seral Stage and Adjacency and Forest Health Management Landscape Level Strategies.	

Acceptable Variance:

A 1% variance below the target is permissible provided projections indicate the target can be met within 20 years (eg. Boreal Foothills minimum allowable would be 22%).

CURRENT STATUS AND COMMENTS

The Seral Stages indicator is in place to ensure that a minimum proportion of late seral stage forests will be present across the DFA through time. It sets limits on harvest planning in later seral stage stands, by Natural Disturbance Unit (NDU)[3]. A landscape-level analysis, based on NDUs, was completed when FOS #3 was developed. The projection through 2025, which considered all the newly proposed FOS blocks, indicates that the amount of area in late seral stands through 2025 will be above the minimum targets set for all NDUs in the DFA. Therefore, the participants are consistent with the target for this indicator.

[2] Refers to Table 11 in the Fort St. John Pilot Project Sustainable Forest Management Plan #3

[3] The limits pertain to Landscape Units in the Fort St. John Pilot Project Sustainable Forest Management Plan #1

The following tables (Table 2, 3 and 4) are derived from the FOS # 3 Amendment # 399 and present the results of the most recent seral stage analyses. The 'current condition' values account for the harvesting activities that started prior to December 31, 2020. For further detail regarding seral stages target development and application, please refer to the *Fort St. John Pilot Project Sustainable Forest Management Plan #3 (section 6.2)* and the *Fort St. John Pilot Project Forest Operations Schedule #3. (section 3.3)*.
The analysis for this indicator will be conducted again when significant amendments to the Forest Operations Schedule are proposed (eg. significant addition of proposed block area) or significant natural disturbance occurs across multiple Landscape Units.

Table 2: Boreal Plains Conifer 2020 and 2025 Seral Stage and Target

LU_NAME	< 40 years				41 - 100 years				101 - 140 years				> 140 years						Total Area
	2020		2025		2020		2025		2020		2025		2020			2025			
	area (ha)	%	area (ha)	%	area (ha)	%	area (ha)	%	area (ha)	%	area (ha)	%	area (ha)	%	Surplus (ha)	area (ha)	%	Surplus (ha)	
Blueberry	64921	19%	63158	18%	141856	41%	141540	40%	92188	26%	84228	24%	50847	15%	0	60887	17%	0	349813
Crying Girl	0	0%	0	0%	0	0%	0	0%	3	32%	0	0%	7	68%	0	10	100%	0	10
Halfway	12386	8%	22104	15%	26580	18%	21822	15%	50487	34%	39266	27%	57556	39%	0	63815	43%	0	147008
Kahntah	6567	1%	12533	2%	352591	60%	330867	56%	173908	30%	181120	31%	54942	9%	0	63487	11%	0	588007
Kobes	13205	16%	14959	18%	10845	13%	10798	13%	36566	44%	32605	40%	21819	26%	0	24074	29%	0	82436
Lower Beatton	3884	8%	3613	8%	21508	46%	17661	38%	17626	37%	19682	42%	4014	9%	0	6075	13%	0	47031
Milligan	7237	2%	5469	1%	250567	65%	245494	64%	57391	15%	51493	13%	67867	18%	0	80607	21%	0	383063
Sikanni	0	0%	0	0%	0	0%	0	0%	0	100%	0	100%	0	0%	0	0	0%	0	0
Tommy Lakes	28993	5%	40043	7%	189946	34%	179254	32%	209843	38%	211462	38%	122955	22%	0	120978	22%	0	551737
Trutch	2504	1%	10020	3%	118892	34%	104684	30%	123463	36%	127721	37%	100168	29%	0	102603	30%	0	345027
Grand Total	139698	6%	171899	7%	1112784	45%	1052119	42%	761475	31%	747578	30%	480175	19%	25187	522535	21%	100747	2494131
											Oil and gas area included:			17%	Oil and gas area included:		20%	Total:	2494131
											Target:			16%	Target:		16%		

2020 - uses FOS blocks with harvest start date <Dec 31, 2020
2025 - uses FOS blocks with harvest start date >Dec 31, 2020

Table 2 identifies the current and expected 2025 conifer seral condition upon the completion of all harvest activities proposed by FOS #3 for the Boreal Plains Natural Disturbance Unit (NDU). Upon completion of all conifer harvest activities proposed in FOS #3 the conifer seral targets are achieved for the Boreal Plains NDU and the analysis indicates a surplus of 100,747 ha of old forest (amount of old forest above the target).

The old seral analysis also considered the cumulative effect of timber harvesting and oil and gas disturbance on the land base. The existing calculated area occupied by wellsites and pipelines is 25,333ha, by adding this area (25,333ha) to the harvested area, the Boreal Plains Conifer late seral current condition is 17% and future is 20%.

Table 3: Boreal Plains Deciduous 2020 and 2025 Seral Stage and Target

LU Name	<40 Years				41-100 Years				101-140 Years				>140 Years						Total Area
	2020		2025		2020		2025		2020		2025		2020			2025			
	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Surplus ha	Area (ha)	%	Surplus ha	
Blueberry	36,361	17%	39,368	19%	100,602	48%	99,305	47%	61,587	29%	52,246	25%	12,884	6%		20,515	10%		211,434
Crying Girl		0%		0%	5	94%	3	57%	0	0%	2	38%	0	0%		0	0%		5
Halfway	1,864	7%	4,380	16%	10,311	38%	8,473	32%	11,065	41%	8,882	33%	3,549	13%		5,053	19%		26,788
Kahntah	2,247	2%	3,589	3%	94,579	69%	90,804	66%	34,352	25%	33,890	25%	5,774	4%		8,669	6%		136,952
Kobes	8,476	18%	11,422	25%	11,093	24%	7,969	17%	22,496	49%	20,068	43%	4,128	9%		6,735	15%		46,193
Lower Beatton	9,425	10%	7,181	8%	64,594	68%	61,532	65%	18,368	19%	21,954	23%	1,969	2%		3,689	4%		94,356
Milligan	2,469	5%	1,001	2%	45,511	83%	46,496	85%	5,110	9%	5,020	9%	1,561	3%		2,134	4%		54,651
Tommy Lakes	7,745	6%	18,327	14%	57,203	43%	52,942	40%	48,193	36%	44,920	34%	20,020	15%		16,973	13%		133,161
Trutch	665	1%	4,312	5%	42,153	52%	36,677	45%	25,471	31%	27,515	34%	13,184	16%		12,969	16%		81,474
Grand Total	69,253	9%	89,580	11%	426,051	54%	404,201	51%	226,642	29%	214,497	27%	63,069	8%	129287	76,737	10%	143652	785,014
												Oil and gas area included		34%	Oil and gas area included		36%	Total	785,015
												Target		16%	Target		16%		

2020 - uses FOS blocks with harvest start date <Dec 31, 2020
2025 - uses FOS blocks with harvest start date >Dec 31, 2020

Table 3 identifies the current and expected 2025 deciduous seral condition upon the completion of all harvest activities proposed by FOS #3 for the Boreal Plains NDU. Upon completion of all deciduous harvest activities proposed in FOS #3 the deciduous seral targets are achieved for the Boreal Plains NDU and the analysis indicates a surplus of 143,652 ha of old forest (amount of old forest above the target).
The old seral analysis also considered the cumulative effect of timber harvesting and oil & gas disturbance on the land base. By including existing oil and gas area in the calculation (7,954ha) the Boreal Plains Deciduous late seral current condition is 34% and

Table 4: Boreal Foothills Valley and Mtn, Northern Boreal Mountains, Omineca Mtns and Valley: 2020 and 2025 Seral Stage and Targets

NDU	LU Name	<40 Years				41-100 Years				101-140 Years				>140 Years				Total Area	Target
		2020		2025		2020		2025		2020		2025		2020		2025			
		Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%		
Boreal Foothills - Mountain	Crying Girl	2,081	5%	2,609	6%	3,703	9%	2,862	7%	19,110	44%	14,589	34%	18,251	42%	23,084	54%	43,144	
	Graham	1,595	2%	1,608	2%	10,432	12%	6,373	8%	40,808	48%	33,239	39%	31,689	37%	43,305	51%	84,525	
	Halfway	14	0%	14	0%	2,050	16%	1,745	13%	4,571	35%	3,190	24%	6,553	50%	8,239	62%	13,189	
	Kobes	0	0%	0	0%	14	38%	14	38%	11	30%	10	27%	12	32%	13	35%	37	
	Grand Total	**3,690**	**3%**	**4,231**	**3%**	**16,199**	**11%**	**10,994**	**8%**	**64,500**	**46%**	**51,028**	**36%**	**56,505**	**40%**	**74,641**	**53%**	**140,895**	**33**
Boreal Foothills - Valley	Crying Girl	1,760	8%	2,276	11%	2,478	12%	2,010	9%	9,762	45%	8,323	39%	7,462	35%	8,853	41%	21,462	
	Graham	151	0%	125	0%	6,062	11%	3,835	7%	23,225	44%	19,139	36%	23,628	45%	29,968	56%	53,066	
	Halfway	7	0%	7	0%	211	13%	138	9%	480	31%	363	23%	868	55%	1,058	68%	1,566	
	Kobes	1	0%	1	0%	11	5%	8	3%	120	49%	63	26%	112	46%	172	71%	243	
	Grand Total	**1,919**	**3%**	**2,409**	**3%**	**8,762**	**11%**	**5,991**	**8%**	**33,587**	**44%**	**27,888**	**37%**	**32,070**	**42%**	**40,051**	**52%**	**76,337**	**23**
Northern Boreal Mountains	Graham	28	0%	4	0%	5,263	16%	3,254	10%	8,549	27%	8,771	27%	18,120	57%	19,932	62%	31,961	
	Sikanni	388	0%	86	0%	26,483	12%	15,453	7%	68,560	31%	71,378	33%	122,431	56%	130,947	60%	217,863	
	Trutch		0%		0%		0%		0%		0%		0%		0%		0%	4	
	Grand Total	**416**	**0%**	**90**	**0%**	**31,746**	**13%**	**18,707**	**7%**	**77,109**	**31%**	**80,149**	**32%**	**140,551**	**56%**	**150,879**	**60%**	**249,828**	**37**
Omenica Mountains	Crying Girl		0%		0%	33	18%	33	18%	124	69%	95	53%	23	13%	52	29%	180	
	Graham	77	0%	77	0%	4,795	5%	4,501	5%	25,841	26%	19,523	20%	69,134	69%	75,746	76%	99,847	
	Grand Total	**77**	**0%**	**77**	**0%**	**4,828**	**5%**	**4,534**	**5%**	**25,965**	**26%**	**19,618**	**20%**	**69,157**	**69%**	**75,798**	**76%**	**100,027**	**41**
Omenica Valley	Crying Girl	0	0%	0	0%	0	0%	0	0%	4	57%	1	14%	3	43%	6	86%	7	
	Graham	124	1%	121	1%	1,056	12%	927	11%	4,551	53%	3,512	41%	2,826	33%	3,996	47%	8,556	
	Grand Total	**124**	**1%**	**121**	**1%**	**1,056**	**12%**	**927**	**11%**	**4,555**	**53%**	**3,513**	**41%**	**2,829**	**33%**	**4,002**	**47%**	**8,563**	**16**

Table 4 identifies the current and expected 2025 seral condition upon the completion of all harvest activities proposed in FOS Amendment # 399 for the Boreal Foothills Mountain and Valley, NDUs, the Omineca Mountains and Valley NDUs and the Northern Boreal Mountains NDU. Upon completion of all harvest activities proposed in FOS # 3 the seral targets are achieved for each of these NDUs.
The foothills can encompass more than one natural disturbance unit due to elevational changes and size of the Landscape Units.

The seral analysis assumes that all blocks in FOS # 3 will be harvested prior to the end of 2025. The seral analysis indicates that all NDU old forest targets are met in 2020 and 2025. Therefore, performance to date and projected performance under FOS # 3 is consistent with this indicator.

Regarding part B of the target statement, the participants have completed an analysis on the spatially identified OFMAs in all NDUs. Currently, all NDUs, excluding the Boreal Plains NDU, have sufficient OFMAs to meet the existing target. The Boreal Plains NDU has 90% of the OFMA area needed to achieve the target identified. The participants will continue to work together to close this gap by the March 31st, 2022 target date.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.3 PATCH SIZE

Indicator Statement	Target Statement
Percent area by Patch Size Class (0-50, 51-100, and >100 ha) by NDU.	A minimum of 9 of 18 of the baseline targets for early patches will be achieved during the term of this SFMP[4].
SFM Objective: Maintain the diversity and pattern of communities and ecosystems within a natural range. Ecosystem functions capable of supporting naturally occurring species that exist within the range of natural variability.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target and acceptable variance will be one of the indicators used to determine if forest practices are consistent with the Patch Size, Seral Stage and Adjacency Strategy.	

Acceptable Variances:

Natural disturbance events that shift the patch size distribution to such a level that it cannot be accommodated in a short time frame (within 10 years).

Seral spatial distribution does not permit patch size targets in the short term.

Patch size distributions will need to be recalculated as new forest inventory is completed and targets and thresholds assessed to determine if they are still appropriate.

CURRENT STATUS AND COMMENTS

This indicator is used to monitor the patch size distribution for 'early' (≤40 yrs.) forest within the Fort St. John Pilot Project area, on a NDU basis[5].The targets are presented in Table 5.

Table 5: Natural Disturbance Unit Early Patch Distribution Targets

Natural Disturbance Unit	Early (<40 yrs) Patch Size Target (%) (acceptable range)		
	<50 ha	51-100 ha	100+ ha
Boreal Plains Uplands (BPU)	5 (5-15)	5 (5-15)	90 (65-90)
Boreal Foothills Valley (BV)	20 (15-25)	10 (5-15)	70 (55-85)
Boreal Foothills Mountain (BM)	20 (15-25)	10 (5-15)	70 (55-85)
Northern Boreal Mountains (NBM)	5 (5-15)	5 (5-15)	90 (65-90)
Omineca Mountains (OM)	20 (15-25)	10 (5-15)	70 (55-85)
Omineca Valley (OV)	5 (5-15)	5 (5-15)	90 (65-90)

[4] Refers to Table 16 in the *Fort St. John Pilot Project Sustainable Forest Management Plan #2*

[5] The limits pertain to Landscape Units in the *Fort St. John Pilot Project Sustainable Forest Management Plan #1*

A landscape-level analysis based on NDUs was conducted when FOS Amendment #399 was developed. Stand ages were projected through 2025, and all the newly proposed FOS blocks were assumed to be harvested by 2025. The results of the analyses are presented in Table 6.

Table 6: Early Patch Size Class Current Status & Post FOS Condition

2020 Early (<40 years) Patch Size Distribution							
Natural Disturbance Unit (NDU)	Small (<50ha)		Med. (50-100ha)		Large (>100ha)		Totals
Boreal Plains - Upland	19,655	8%	19,923	8%	202,394	84%	241,971
Boreal Foothills - Valley	243	12%	241	12%	1561	76%	2,046
Boreal Foothills - Mountain	558	18%	402	13%	2058	68%	3,018
Northern Boreal Mountains	52	17%	0	0%	247	83%	299
Omineca - Mountains	43	82%	9	18%	0	0%	52
Omineca - Valley	29	25%	86	75%	0	0%	115
Total DFA (All NDUs)	247,501		20,662		206261		247,501
2025 Current Early (<40 years) Patch Size Distribution							
Natural Disturbance Unit (NDU)	Small (<50ha)		Med. (50-100ha)		Large (>100ha)		Totals
Boreal Plains - Upland	21,980	7%	22,754	8%	251,348	85%	296,082
Boreal Foothills - Valley	313	12%	229	9%	2,100	79%	2,642
Boreal Foothills - Mountain	549	15%	307	9%	2,728	76%	3,584
Northern Boreal Mountains	47	100%	0	0%	0	0%	47
Omineca - Mountains	43	82%	9	18%	0	0%	52
Omineca - Valley	26	23%	86	77%	0	0%	112
Total DFA (All NDUs)	22,957		23,387		256,175		302,519
Yellow = Below Target Range		Red = Above Target			Blue = No Harvesting Planned		

Table 6 identifies the current patch size condition as well as the expected patch size condition in 2025. This analysis assumes that all blocks proposed in FOS # 3 will be harvested by December 31, 2025 and that no new natural disturbance will create new young patch areas.

The 2020 analysis indicate that 9 of 18 (50%) NDU patch size targets were met and the 2025 analysis indicates the 8 of 18 (44%) NDU patch size targets were met. It's also important to note that the harvesting planned in FOS # 3 is situated almost exclusively within the Boreal Plains Upland and Boreal Foothills Valley NDUs. A very minor amount of harvesting is proposed for the Boreal Foothills Mountain NDU. Most of the young patch disturbance in this NDU is attributable to wildfire, which is an allowable variance to this indicator.

Most of the patch targets not met were in the NDUs where very little harvesting has occurred or is proposed and is also based on a very small area overall which is unrealistic to have balanced to the indicator targets.

The above indicates that the participants are consistent with the patch size indicator to date. Although future analysis shows that the target may not be met, this will be reassessed later and ultimately in February 2024 to see if the target is met at the end of the SFMP.

The analysis for this indicator will be conducted again when significant amendments to the Forest Operations Schedule are proposed.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are currently no proposed revisions to the indicator statement or target.

3.4 SOIL DISTURBANCE

Indicator Statement	Target Statement
Number of blocks with non-conformances to soil disturbance limits reported annually by Managing Participant.	Zero blocks will have non-conformances to soil disturbance limits.
SFM Objective: Protect soil resources to maintain productive forests.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target and acceptable variance will be one of the indicators used to determine if forest practices are consistent with the Soil Management Strategy.	

Acceptable Variance:
None

CURRENT STATUS AND COMMENTS
There were no incidents of confirmed detrimental soil disturbance reported by the Licencee participants during the 2020-2021 reporting period. There was one complaint brought forward to the MFLNRORD, that alleged soil disturbance on one of the Licencee Participants' blocks exceeded the maximum allowable limit. An official investigation process has been initiated, with a determination expected sometime in the 2021/22 reporting year.

BCTS had no incidents of detrimental soil disturbance reported during the 2020-2021 reporting period.

The participants' activities are consistent with the target and acceptable variance for the soil disturbance indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.5 SNAGS/CAVITY SITES

Indicator Statement	Target Statement
Number of snags and/or live trees (>23 cm dbh) per ha on prescribed areas.	Retain annually an average of at least 6 snags and/or live trees (>23 cm dbh) per hectare on prescribed areas.
SFM Objective: Suitable habitat elements for indicator species. Maintain a natural range of variability in ecosystem function, composition, and structure which allows ecosystems to recover from disturbance and stress.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

Prescribed areas within blocks on which the SLPs were completed prior to April 1st 2010 will have a target of 6 snags and/or live trees greater than 23.0 cm dbh (diameter at breast height), consistent with the SFMP in effect at that time.

CURRENT STATUS AND COMMENTS

The indefinite closure of Peace Valley OSB and the subsequent lack of market for deciduous fiber has resulted in a large increase in the number of standing trees retained on logging sites. Much of the authorized volume available to the participants was planned and authorized prior to the closure announcement, with the assumption that the majority of deciduous stems would be harvested. In some cases, it has been possible to completely avoid distinct patches of deciduous trees and amend logging plans, but most of the time it has been necessary to log around the deciduous trees and leave them standing where possible and safe to do so. Figure 2 shows an example of a block where the merchantable conifer has been felled and a large amount of deciduous (and immature spruce) stems remain. This block was planned and laid out for harvest prior to PVOSB shutting down. The modification of layout plans adapted to the indefinite closure. However, with the reopening of PVOSB, the participants will revert to previous practices, which will result in the fewer examples as noted in figure 2 in the next reporting year.

Figure 2: Example of retention practices in mixedwood blocks during the reporting year

Surveying and tallying sites like these poses a challenge not previously contemplated when this indicator was first developed, and the participants may have to modify their approach to field estimation of retention numbers in at least the short-term.

'Stubs' (*in-situ* remaining 3-5m base of trees cut off during logging operations) have made up the majority of vertical habitat elements tracked for this indicator in past reports. They were used as a surrogate for snags and live trees, and pose a much lower hazard to ground workers and aerial spray operations. Stubs are still created, often along drainages and boundaries, where they can serve a role of delineating important features and not posing any overhead hazard. While they do provide residual habitat for nesting, foraging, and perching, there has been a strong trend towards more full-tree retention. This is due to the relatively higher value full trees represent for both migratory and non-migratory birds as well as addressing concerns raised by wildlife biologists and First Nations.

Data for the Canfor-managed blocks included in this report were collected during the harvesting phase and as part of final harvest inspections conducted during the reporting period. The total prescribed area surveyed by licencee participants was 1,241 ha, with 22,824 snags and/or live tree residuals retained. The actual retention level of snags or live trees in the blocks averaged 8.3 stems/ha. All blocks surveyed exceeded the landscape level target.

BCTS:
The OSB plant showed indications of coming back online from its 2019 shutdown in late February 2021. However, the volume needs for the plant were not yet so significant as to cause the Licencees to change their harvesting practices. For that reason, the Licencees continued

leave as much deciduous standing retention as operationally possible. The individual counts to determine amounts of live tree retention became virtually impossible and as a result, BCTS staff no longer tracked this on blocks. Stubs are still created, often along drainages and boundaries, where they serve an additional important role of delineating important features and not posing any overhead hazard. BCTS has made the decision not to report on specific numbers or the prescribed area.
The participants have met the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.6 COARSE WOODY DEBRIS VOLUME

Indicator Statement	Target Statement
Average retention level of Coarse Woody Debris volume/ (m^3/ha) on blocks logged in the DFA between December 1, 2016 and November 30, 2022.	Average retention level over the DFA will be at least 46 m^3/ha (50% of average pre-harvest volume) on harvested blocks assessed between December 1, 2016 and November 30, 2022.
SFM Objective: Maintain a natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress. Suitable habitat elements for indicator species.	
Linkage to *FSJPPR*: For the purposes of Section 29(2) of the *FSJPPR* the applicable performance standard is specified by this indicator statement, target statement and acceptable variance. For the purposes of Section 42 of the *FSJPPR* this indicator statement, target and acceptable variance will be one of the indicators used to determine if forest practices are consistent with the Patch Size, Seral Stage and Adjacency Landscape Level Strategy	

Acceptable Variance:

Coarse Woody Debris (CWD) plots will not be assessed for the purposes of this indicator if they fall in blocks where management of non-timber resource values was identified as an overriding priority that was not compatible with CWD retention (e.g. community pastures, etc.).

CURRENT STATUS AND COMMENTS

For the purposes of this indicator, coarse woody debris is measured along two 24m transects originating at predetermined points in harvested areas, following established provincial procedures. Figure 3 is included to provide an example of one such transect across a recently logged area.

Two CWD plots were completed in 2020. Post-harvest CWD levels from these samples averaged 105 m^3/ha.

The participants are exceeding the minimum target level for this indicator for the average retention targets for the period December 1, 2016 to March 31 2020, with a calculated average Coarse Woody Debris levels of 81 m^3/ha. This average is based on data collected from 22 plots.

Figure 3: Example of a coarse woody debris measurement transect (Block 01056)

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.7 RIPARIAN RESERVES

Indicator Statement	Target Statement
The number of non-compliances to riparian reserve zone standards.	No non-compliances to riparian reserve zone standards.
SFM Objective: Suitable habitat elements for indicator species. Maintenance of water quality.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target and acceptable variance will be one of the indicators used to determine if forest practices are consistent with the Riparian Management Landscape Level Strategy. For the purposes of Section 35(5), Section 28(1) (b)(i)(A) of the *FSJPPR* may be affected by the application of this Riparian Management Landscape Level Strategy, specifically the acceptable variance for this indicator.	

Acceptable Variance:
No variances, unless authorized by the district manager.

CURRENT STATUS AND COMMENTS
A review of Canfor's compliance issues occurring between April 1, 2020 and March 31, 2021 indicated no non-compliances to riparian reserve zone standards. The licencee participants achieved the target for this indicator.

A review of BCTS compliance issues from April 1st, 2020 to March 31st, 2021 indicated that BCTS had no non-compliances to riparian reserve zone standards. BCTS achieved the target for this indicator.
The participants' activities are consistent with the target and acceptable variance for the indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.8 SHRUBS

Indicator Statement	Target Statement
The proportion of shrub habitat (%) by Landscape Unit.	Each landscape unit will meet or exceed the baseline target (%) proportion of shrub habitat.
SFM Objective: Suitable habitat elements for indicator species	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

Acceptable variance is ± 20% of the baseline target.

CURRENT STATUS AND COMMENTS

The following table (Table 7) indicates the 2020 conditions of shrub habitat within the DFA. Table 7 displays the shrub condition projected through 2025, accounting for harvesting of all blocks presented in the FOS #3. Targets were established for this indicator by reviewing the amount of naturally occurring shrub areas by Landscape Units, as well as forested areas less than 20 years old. Landscape Units with low levels of naturally occurring shrubs generally have lower targets than areas with higher levels of shrubs. The targets reflect the same proportionate change as in the 2004 SFMP.

Table 7: Shrub Habitat 2020 Status, FOS Condition and Targets

LANDSCAPE UNIT	LU Net Area (ha)	2020 Shrub Area (ha)	2020 Shrub Area % of LU	Future Shrub Area (ha)	Future Shrub Area % of LU	Baseline Target
Blueberry	592,067	99,746	17%	112,189	19%	8%
Crying Girl	67,197	5,922	9%	5,386	8%	8%
Graham	334,908	58,102	17%	58,127	17%	15%
Halfway	196,692	20,486	10%	32,877	17%	6%
Kahntah	739,168	80,139	11%	91,536	12%	21%
Kobes	137,155	20,982	15%	28,120	21%	8%
Lower Beatton	167,439	18,915	11%	18,976	11%	7%
Milligan	454,509	71,438	16%	71,141	16%	13%
Sikanni	231,470	34,479	15%	34,479	15%	6%
Tommy Lakes	704,131	56,604	8%	81,252	12%	8%
Trutch	432,482	26,091	6%	36,678	8%	6%
Grand Total	**4,057,219**	**492,905**		**570,762**		

The future analysis of CMI plots, after re-measurement, will permit comparisons of shrub composition and abundance over time. Table 7 shows that the participants have met or exceeded the baseline target in all LU's except Kahntah, but the percentage of future shrub area is within the acceptable variance. The participants are consistent with the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.9 WILDLIFE TREE PATCHES

Indicator Statement	Target Statement
Cumulative Wildlife Tree Patch percentage in blocks harvested under the *FSJPPR* in each Landscape Unit.	Cumulative Wildlife Tree Patch % will meet or exceed the minimum target in each LU Landscape Unit — WTP % Blueberry 9% Halfway 6% Kahntah 5% Kobes 8% Lower Beatton 3% Milligan 4% Tommy Lakes 8% Trutch 5% Sikanni 4% Graham 4% Crying Girl 3%
SFM Objectives: Suitable habitat elements for indicator species. Maintain a natural range of variability in ecosystem function, composition, and structure which allows ecosystems to recover from disturbance and stress.	
Linkage to *FSJPPR*: For the purposes of 29(1) of the *FSJPPR* the applicable performance standard is specified by this indicator statement, target statement and acceptable variance. For the purposes of Section 42 of the *FSJPPR* this indicator statement, target and acceptable variance will be one of the indicators used to determine if forest practices are consistent with the Patch Size, Seral Stage and Adjacency Landscape Level Strategy	

Acceptable Variance:

Aggregate Wildlife Tree Patch (WTP) percentages will only apply if 200 hectares (ha) or more has been harvested under the *FSJPPR* in a landscape unit.

CURRENT STATUS AND COMMENTS

Table 8 indicates the amount of harvest area and proportion of Wildlife Tree Patches by each Landscape Unit where the harvest start date is between April 1, 2018 and March 31, 2021. Note that the previous Annual Report only included the 2019/2020 values rather than the cumulative 2018-2021 values. This has now been corrected, as below.

Table 8: Cumulative Harvest Area and Proportion of WTPs by Landscape Unit (2018-2021)

LU	Gross Block Area (ha)	WTP Area (ha)	WTP %	Target %
Blueberry	4458.4	497.2	11.2	9
Halfway	1615.1	249.9	15.5	6
Kahntah	463.4	51.5	11.1	5
Kobes	3767.1	508.9	13.5	8
Lower Beatton	41.6	5.3	12.7	3
Milligan	0.0	0.0	n/a	4
Tommy Lakes	3775.3	393.2	10.4	8
Trutch	298.4	42	14.1	5
Sikanni	0.0	0.0	n/a	4
Graham	0.0	0.0	n/a	4
Crying Girl	0.0	0.0	n/a	3
Grand Total:	**7,247.2**	**723.8**	**10.0%**	

No harvesting took place in the Milligan, Trutch, Sikanni, Graham, and Crying Girl Landscape Units during the reporting period.

The participants have exceeded the target minimum WTP % for all Landscape Units where harvesting has occurred.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

A revision to the target retention levels was affected by SFMP #3 and was implemented in the 2018-19 reporting year. No further revisions are proposed for this indicator at this time.

3.10 NOXIOUS WEED CONTENT AND INVASIVE PLANT CONTENT

Indicator Statement	Target Statement
The percent of noxious weeds, and known invasive plant species of concern, in seed mix analyses.	Seed lots utilized by the Participants will meet standards established by the Canadian Seed Growers Association regarding allowable content of seeds of noxious weeds and invasive plants as identified in the most current Provincial and Federal Regulations, and Regional District guidelines.
SFM Objective: Suitable habitat elements for indicator species	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Range Management Landscape Level Strategy	

Acceptable Variance:

The primary objective of seeding is to control erosion to protect water resources, with a secondary objective to discourage the establishment of invasive weeds and in some cases provide forage opportunities for cattle and/or wildlife. All seed lots sold in Canada go through a certification process where the seed lot is tested to rate the weed content. Typically, it is rated with an allowable maximum number of weeds per 25 grams of seed. All weed and germination testing information is identified on the Certificates for each particular lot of seed. So, for the purposes of this indicator, if the number of weeds in the seed lot sample is below the allowable amount, the seed lot is considered to be "weed free".

CURRENT STATUS AND COMMENTS

All reclamation seed broadcast by the licencee Participants during the 2020-2021 reporting period is certified as having 0% content of prohibited and primary noxious weeds and known regional invasive weed species of concern in accordance with the Canadian Seed Growers Association, as identified in the Sustainable Forest Management Plan.

For all broadcast seeding completed by BCTS licencees during the 2020-2021 reporting period is certified as having 0% content of prohibited and primary noxious weeds and known regional invasive weed species of concern in accordance with the Canadian Seed Growers Association, as identified in the Sustainable Forest Management Plan.
The Participants are not aware of any occurrence of noxious weeds occurring on forestry rights-of-way to date as a result of grass seeding activities.

The participants are in conformance to the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.11 SPECIES AT RISK STAND LEVEL MANAGEMENT GUIDELINES

Indicator Statement	Target Statement
The percentage of SLPs prepared annually for 'effected' cutblocks that incorporate one or more stand level species at risk management guidelines.	100% of SLPs prepared annually for effected cutblocks will incorporate one or more stand level species at risk management guidelines.
SFM Objective: Maintain habitats for species at risk.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

A 15% variance below the target will be acceptable. (I.e. 85% or more of SLPs in effected cutblocks must have one or more Stand Level Management Guidelines (SLMG) applied). The variance from 100% to 85% of effected SLPs would only be invoked in situations where forest health, worker or public safety or operational concerns make implementation of the stand level management guidelines impracticable. In these situations, a rationale detailing the reasons for not implementing stand level management guidelines will be included in the effected SLPs.

CURRENT STATUS AND COMMENTS

During the reporting period of April 1st, 2020 to March 31st, 2021, BCTS completed the development of Site Level Plans on 46 blocks where Stand Level Management Guidelines for species and sites of management concern were required to be specified. One or more guidelines were applied in all 46 of these plans.

During the reporting period of April 1st, 2020 and March 31st, 2021, 65 SLPs were prepared by Canfor in cutblocks where SLMGs for species and sites of management concern were required to be specified. One or more guidelines were applied in all 65 of these plans.

LP did not prepare and SLPs during this reporting period.
100 % of all SLPs where SLMGs were required incorporated at least 1 guideline, therefore the participants achieved the target for this indicator.

Figure 4: Typical habitat favored by Connecticut Warbler (*Oporornis agilis*) in the Peace River Region

(photo by A. Tyrrell)

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.12 FOREST WORKERS' SAFETY

Indicator Statement	Target Statement
Implementation and maintenance of certified safety program.	Each managing Participant will implement and maintain a certified safety program.
SFM Objectives: Provide a safe work environment for DFA forestry workers and the public.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
None

CURRENT STATUS AND COMMENTS
Currently, of the Managing Participants (BCTS, Canfor and Louisiana Pacific) BCTS and Canfor are certified to the B.C. Forest Safety Council S.A.F.E. Companies Standard. Surveillance audits are completed at regular intervals to ensure the managing participants safety programs continue to meet the S.A.F.E. Companies safety criteria, and to identify where there may be opportunities for improving the safety programs.

Louisiana Pacific Peace Valley initiated re-opening their OSB mill in Fort St John in June 2021 and began hiring employees for their Forest Resources Division (FRD) at that time. The safety program for the FRD was designed by LP to meet compliance with US and Canadian legislation as well as local (provincial) legislation. The FRD Safety Program has begun the process to obtain certification with SAFE Companies. This process may take up to one year to complete.

Of the Managing Participants, BCTS and Canfor each maintained their individual certifications to the B.C. Forest Safety Council S.A.F.E. Companies Standard during the 2020-21 reporting year, while Louisiana Pacific Peace Valley have begun the process.

The participants have achieved the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.13 SEED USE

Indicator Statement	Target Statement
The percentage of seedlings & vegetative material used and planted in accordance with the Chief Forester's Standards for Seed Use (Nov.20, 2004), as amended from time to time.[6]	100% of seedlings and vegetative material will be used and planted in accordance with the Chief Forester's Standards for Seed Use (Nov.20, 2004), as amended from time to time.
SFM Objectives: Conserve genetic diversity of tree stock. Suitable habitat elements for indicator species.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Reforestation Landscape Level Strategy. For the purposes of Section 35(5) the indicator this indicator statement, target statement and acceptable variance will replace the requirements of Schedule F Section 99 (Seed Use).	

Acceptable Variance:

As per Section 8 Transfer Limits in the Chief Forester's Standards for Seed Use, no less than 95% of the combined total of the number of seedlings and vegetative material planted during each fiscal year within the DFA will comply with the transfer requirements of section 8.2 through 8.7, of those standards. As the standards are amended from time to time, the allowable variance will change consistent with any amendments.

CURRENT STATUS AND COMMENTS

BCTS

2,427,235 seedlings were planted within the reporting period. All seedlings were planted in accordance with the standard.

Licencee Participants (Canfor, Chetwynd Mechanical Pulp, CRL, Dunne-za, Louisiana-Pacific)

3,954,153 seedlings were planted within the reporting period. All seedlings were planted in accordance with the standard.

Combined

The total number of seedlings planted was 6,381,388. Therefore 6,381,388 were planted in accordance with the standard.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

[6] Revisions to this indicator initially made in 2005/2006 Annual -Report

3.14 ASPEN REGENERATION

Indicator Statement	Target Statement
% Natural Regeneration of aspen	100% natural regeneration for deciduous
SFM Objectives: Conserve genetic diversity of tree stock**.**	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

A maximum of 10% of the area prescribed for deciduous regeneration may be restocked with deciduous vegetative propagules or seedlings (e.g. 90% minimum natural regeneration of deciduous) in accordance with the Chief Foresters Standards for Seed Use, as amended from time to time. In such cases, records must be kept of vegetative lots used and locations where vegetative lots are planted.

CURRENT STATUS AND COMMENTS

All Participants have relied on 100% natural regeneration for aspen stocking in the 2020-2021 reporting period.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.15 CLASS A PARKS, ECOLOGICAL RESERVES AND LRMP DESIGNATED PROTECTED AREAS

Indicator Statement	Target Statement
Hectares of Forestry Related Harvesting or Road Construction within Class A parks, protected areas, ecological reserves and LRMP designated protected areas.	Zero hectares of forestry related harvesting or road construction within Class A parks, protected areas, ecological reserves or LRMP designated protected areas.
SFM Objective: To have representative areas of naturally occurring and important ecosystems, and rare physical environments protected at both the broad and site specific levels across or adjacent to the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

No variance, other than government direction requiring the forest industry to conduct operations in these areas.

CURRENT STATUS AND COMMENTS

No forestry related harvesting or road construction has occurred, nor was any harvesting planned in FOS #3 or its amendments, in Class A Parks, Ecological Reserves and Land and Resource Management Plan (LRMP) Designated Protected Areas. The participants have achieved the target for this indicator.

Digital boundaries of all known protected areas were used in the development of the FOS #3 and to ensure proposed blocks or roads did not fall within any of the protected areas.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.16 UNGULATE WINTER RANGES, WILDLIFE HABITAT AREAS AND MKMA

Indicator Statement	Target Statement
Proportion of activities consistent with objectives of the Muskwa-Kechika Management Area (MKMA) and general wildlife measures for Ungulate Winter Ranges (UWR) and Wildlife Habitat Areas (WHA).	All Pilot Participant activities will be consistent with the objectives of the MKMA and the general wildlife measures for Ungulate Winter Ranges and Wildlife Habitat Areas.
SFM Objective: To have representative areas of naturally occurring and important ecosystems, and rare physical environments protected at both the broad and site specific levels across or adjacent to the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
No variances unless authorized by the Ministry of Environment and Climate Change Strategy (MOE).

CURRENT STATUS AND COMMENTS
There are currently 45 approved Wildlife Habitat Area's (WHA's), and 3 Ungulate Winter Ranges (UWR's) wholly or partially within the Peace Forest District. General Wildlife Measures, the legal management regimes that dictate operational practices in these areas, have been developed and enacted by government. The participants will follow the General Wildlife Measures for each specific area when operations are proposed within these areas. For the reporting period, there were no activities conducted within approved WHA's or UWR's.

The WHA and UWR areas for Caribou (Boreal ecotype) in the north and eastern portions of the Timber Supply Area will be revised by the provincial government. The participants are honoring the boreal caribou WHA and UWR areas by applying the General Wildlife Measures in the UWR's and avoiding operational activities in the WHA's.

The Government of Canada (Canadian Wildlife Service) is coordinating a national recovery program for the boreal caribou, but it is not yet known what implications that holds for operations within the DFA, beyond the impacts of the provincial set-asides (WHA and UWR designations).

Table 9 summarizes harvest activities within grand parented blocks within the Muskwa-Kechika Management Area (MKMA) up to March 31, 2021.

Table 9: Harvest Activities in the MKMA

Licencee	Licence	Timber Mark	Block ID	Gross Area	Merch Area	Harvest Start Date	Harvest Completion Date	System[7]
CANFOR	A18154	EK8335	20007	57.6	52.0	1/19/2005	2/14/2006	CCRES
CANFOR	A18154	EK8335	20008	101.4	88.7	1/19/2005	3/31/2006	CCRES
CANFOR	A18154	EK8335	20060	75.1	68.5	1/5/2005	3/4/2005	CCRES
Total				**234.1**	**209.2**			

The total cumulative area logged to date within blocks in the MKMA is 209.2 ha. All harvesting operations within the MKMA have been consistent with previously approved Forest

[7] CCRES – Clear Cut with Reserves

Development Plans, as well as provisions within the MKMA Act that grandparent previously approved blocks.

Harvesting within the MKMA that is proposed within the FOS #3 is currently limited to previously grand parented blocks within the MKMA, and is therefore consistent with the objectives of the MKMA. There were no activities completed within the MKMA during this reporting period.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.17 REPRESENTATIVE EXAMPLES OF ECOSYSTEMS

Indicator Statement	Target Statement
Percentage of area of forest stands in an unmanaged condition, by leading species, by NDU.	100% of baseline targets for forested stands in an unmanaged condition, by leading species, by NDU will be met.
SFM Objective: To have representative areas of naturally occurring and important ecosystems, and rare physical environments protected at both the broad and site-specific levels across or adjacent to the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

10 ha or 10% of area, whichever is greater for Leading Species by NDU that have an uncommon distribution (as noted in Table 23[8]) if required for access purposes.

No acceptable variance for Leading Species by NDU that are not identified as uncommon in Table 23[8].

CURRENT STATUS AND COMMENTS

An assessment of the future condition of this indicator was completed to confirm consistency of FOS #3 (including applicable amendments) with SFMP #3. The targets specified in SFMP #1 and SFMP #2 for proportion of area in forest stands by leading species in an unmanaged condition were carried over to SFMP #3 without any revision. The assessment of future condition for this indicator is presented in Table 11 and indicates the future status of forest stands by leading species and NDUs for the Non-Timber Harvesting Land Base (NHLB). This reflects the stand types that will exist in an unmanaged state. FOS blocks have been identified within the portion of the land base that is considered as the timber harvesting land base.

An assessment of the NDU species combinations considered unique must be conducted when harvesting is proposed to ensure that targets are met. The applicable NDU species combinations are highlighted in yellow in Table 10.

A re-analysis of this indicator is required after each Timber Supply Review (TSR) is completed. Data collection for the next TSR for the DFA commenced in the summer of 2013 and the TSR was released in May, 2018. If a significant amount of block area is added to the Forest Operations Schedule, through an amendment prior to the completion of the TSR, the analysis for this indicator will be redone to ensure ongoing conformance. An analysis was conducted in 2020 for the FOS Amendment # 399.

Table 10 indicates the current status of forest stands by leading species and NDU for the Non-Timber Harvesting Land Base (NHLB). This reflects the stand types that exist in an unmanaged state. FOS blocks have been identified within the portion of the land base that is considered as the timber harvesting land base.

[8] Refers to Table 23 in the *Fort St. John Pilot Project Sustainable Forest Management Plan #3*

Table 10: Proportion of Leading Species by NDU Unmanaged Current State

Natural Disturbance Unit	Sub NDU	Leading Species	Total Forested Area (ha)	Unmanaged Forests		
				Current NHLB	Current % NHLB	Baseline Target %
Boreal Foothills	Mountains	AC	46	46	100%	100
		AT	2,542	2,142	84%	12
		BL	11,866	11,587	98%	12
		PL	19,076	14,252	75%	12
		SB	915	853	93%	12
		SW	85,842	73,320	85%	12
		SX	98	93	94%	12
Boreal Foothills - Mountain Total			120,385	102,294		
Boreal Foothills	Valley	AC	224	219	98%	80
		AT	3,073	1,968	64%	12
		BL	2,253	2,225	99%	0
		EP	32	32	100%	100
		PL	12,568	6,327	50%	12
		SB	1,782	1,604	90%	12
		SW	46,145	36,064	78%	12
		SX	196	102	52%	12
Boreal Foothills - Valley Total			66,274	48,540		
Boreal Plains	Upland	AC	26,520	26,088	98%	12
		AT	595,813	180,512	98%	12
		BL	2,479	1,821	30%	12
		EP	64,968	62,609	73%	12
		LT	42,409	42,386	100%	12
		PL	456,549	195,204	43%	12
		SB	1,326,698	1,297,311	98%	12
		SW	290,390	134,146	46%	12
		SX	157,940	51,041	32%	12
Boreal Plains - Upland Total			2,963,763	1,991,118		
Northern Boreal Mountains		AC	203	198	98%	70
		AT	6,715	5,885	88%	12
		BL	11,876	11,682	98%	12
		PL	19,968	16,964	85%	12
		SB	2,914	2,897	99%	12
		SW	18,754	16,461	88%	12
		SX	121,256	116,941	96%	12
Northern Boreal Mountains Total			181,685	171,029		
Omineca	Mountains	AC	20	20	99%	100
		AT	719	657	91%	50
		BL	17,558	17,549	100%	12
		PL	5,735	4,600	80%	12
		SB	382	377	99%	12
		SW	63,848	60,900	95%	100
		SX	7	7		NO TARGET
Omineca - Mountains Total			88,267	84,109		

Omineca	Valley	AC	14	14	96%	100
		AT	414	326	79%	50
		BL	18	18	100%	100
		PL	2,146	1,278	60%	12
		SB	240	236	98%	12
		SW	5,333	3,883	73%	12
		SX	74	74		NO TARGET
Omineca - Valley Total			8,239	5,829		
Grand Total			**3,428,614**	**2,402,918**		

Table 11: Proportion of Leading Species by NDU Unmanaged Future State

Natural Disturbance Unit	Sub NDU	Leading Species	Total Forested Area (ha)	Unmanaged Forests		
				Future NHLB	Future % NHLB	Baseline Target %
Boreal Foothills	Mountains	AC	46	46	100%	100
		AT	2,542	2,142	84%	12
		BL	11,866	11,582	98%	12
		PL	19,076	14,125	74%	12
		SB	915	853	93%	12
		SW	85,842	72,820	85%	12
		SX	98	93	94%	12
Boreal Foothills - Mountain Total			120,385	101,661		
Boreal Foothills	Valley	AC	224	219	98%	80
		AT	3,073	1,959	64%	12
		BL	2,253	2,225	99%	0
		EP	32	32	100%	100
		PL	12,568	5,958	47%	12
		SB	1,782	1,603	90%	12
		SW	46,145	35,677	77%	12
		SX	196	102	52%	12
Boreal Foothills - Valley Total			66,274	47,776		
Boreal Plains	Upland	AC	26,520	25,821	98%	12
		AT	595,813	149,800	98%	12
		BL	2,479	1,809	30%	12
		EP	64,968	61,633	73%	12
		LT	42,409	42,386	100%	12
		PL	456,549	181,729	43%	12
		SB	1,326,698	1,290,714	98%	12
		SW	290,390	113,035	46%	12
		SX	157,940	39,091	32%	12
Boreal Plains - Upland Total			2,963,763	1,906,018		

Northern Boreal Mountains		AC	203	198	98%	70
		AT	6,715	5,885	88%	12
		BL	11,876	11,682	98%	12
		PL	19,968	16,964	85%	12
		SB	2,914	2,897	99%	12
		SW	18,754	16,461	88%	12
		SX	121,256	116,941	96%	12
Northern Boreal Mountains Total			181,685	171,029		
Omineca	Mountains	AC	20	20	99%	100
		AT	719	657	91%	50
		BL	17,558	17,549	100%	12
		PL	5,735	4,600	80%	12
		SB	382	377	99%	12
		SW	63,848	60,900	95%	100
		SX	7	7		NO TARGET
Omineca - Mountains Total			88,267	84,109		
Omineca	Valley	AC	14	14	96%	100
		AT	414	326	79%	50
		BL	18	18	100%	100
		PL	2,146	1,278	60%	12
		SB	240	236	98%	12
		SW	5,333	3,883	73%	12
		SX	74	74	100%	NO TARGET
Omineca - Valley Total			8,239	5,829		
Grand Total					**3,428,614**	**2,316,422**

The table indicates that 100% of the baseline targets for retention of a representative sample of forest stands in an unmanaged condition is achieved on or above target or within acceptable variance for all NDUs, including the 'uncommon' associations, either through the identified NHLB area or through avoidance of harvest planning. FOS #3 does not compromise the performance to the baseline targets, and therefore FOS #3 is consistent with this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.18 GRAHAM HARVEST TIMING

Indicator Statement	Target Statement
The number of clusters in the Graham IRM[9] Plan area where active operational harvesting is concurrently occurring.	Operational harvesting within the Graham IRM Plan area will be constrained to no more than one 'cluster' of cutblocks at any one .time.
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities and non-timber commercial activities. Management strategies address important values in SMZ[10] areas.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Timber Harvesting Landscape Level Strategy.	

Acceptable Variance:

Operational harvesting (i.e. falling and/or skidding of timber, *excluding predevelopment of road right of ways*) in more than one cluster at a time may occur concurrently, if required to address significant forest health concerns (e.g. Mountain Pine Beetle infestations, wildfire), with the authorization of the MFLNRORD.

CURRENT STATUS AND COMMENTS

No harvesting occurred in any part of the Graham IRM plan area during the period covered by this Annual Report.

The Forest Operations Schedule Section 3.1, submitted to MFLNRORD in October 2017, identifies the blocks that remain not harvested in the FOS in Graham clusters 5, 6 and 6a.

The Graham River IRMP Area harvest sequencing is also noted in Table 17 of the FOS. The Participants have plans to restart harvesting in the Graham area in either the 2021/22 or 2022/23 seasons, in cluster 5. A Total Chance planning exercise based on the defined harvest clusters has been initiated to increase the operational knowledge of the future available fibre supply in the Graham River IRMP area.

The harvest sequencing presented in the FOS is consistent with achieving the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

The conditional approval letter for SFMP#3 requested an indicator to address harvest performance in the Graham area. After a review of the indicator, it was determined that no changes were required. However, the Participants are reviewing the Graham River Integrated Resource Management Plan to determine the best way to move forward, given the operational and economic constraints on harvesting strategies, and considering harvesting slightly out of

[9] IRM – Integrated Resource Management
[10] SMZ – Special Management Zone

sequence in the Plan area, as the economic and operation constraints of harvesting polygons remaining in the clusters is not feasible at this time.

3.19 GRAHAM MERCH AREA HARVESTED

Indicator Statement	Target Statement
Cumulative merchantable area (hectares) within blocks harvested within the Graham River IRM Plan area since 1997.	The cumulative merchantable area (hectares) within harvested blocks will not exceed the planned maximum cumulative harvest areas as measured at the end of each time period. Period # 2 (ending April 2012): 6569 ha Period # 3 (ending April 2017): 9355 ha Period #4 (ending April 2022): 10,858 ha
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities and non-timber commercial activities. Management strategies address important values in SMZ areas.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Timber Harvesting Landscape Level Strategy.	

Acceptable Variance:

Operations may only exceed the target in the event of urgent forest health concerns that necessitate increased harvest rates, and after reviewing with the Public Advisory Group, and with the approval of the government.

CURRENT STATUS AND COMMENTS

No harvesting has taken place within the Graham River IRM Plan area during the annual reporting period of April 1, 2020-March 31, 2021.

Table 12: Graham River IRM Plan- Cluster Area and Timing Schedule (Revised Oct 2006)

Definitions:

Total Area:	The total size of a Cluster including inoperable areas
Gross Contributing Area:	The Contributing Area (base area) for Forest Practices Code (FPC) Biodiversity calculations
IRM Net Harvest Area:	Estimated amount of Gross Operable area considered harvestable after IRM factors are taken into account
Proposed Schedule:	General timing of harvest sequence over the course of the Plan
Maximum Cumulative Merch ha	**The maximum cumulative merch hectares (all previous periods) allowed in cutblocks to period end (indicator)**

Cluster #	Resource Management Zone	Total Area (ha)	Gross Contrib. Area (ha)	Est. IRM Net Harvest Area (1) (ha)	Est. Proportion of Cluster Proposed for Harvest	Proposed Harvest Schedule Start-End	Harvest Period	# of Years	Maximum Cumulative Merch ha within blocks to be harvested
1	Graham-South	1,946	1,922	**706.0**	36.3%	June 1998 July 1999			
17	Graham-South	627	620	**294.0**	46.0%	Nov. 1999 April 2000			
2	Graham-South	2,208	2,085	**312.9**	14.2%	July 2000 April 2002			
3	Crying Girl	2,439	2,115	**620.5**	25.4%	Nov 2002 April 2003			
4	Graham-South	3,975	*3,504*	**976.6**	29.2%	**July 2003** April 2007			
Sub-total		11,195	*10,246*	**2910.0**		1998 2007	Period 1	9	**3638**
5	Crying Girl	2,228	2,181	**748.6**	33.0%	**April 2007** Nov. 2008			
6a	Graham-South	2,508	*2,570*	**1078.8**	35.0%	**Nov. 2008** Nov. 2009			
6b	Graham-South	884	775	**257.5**	29.0%	**Nov. 2009** April 2010			
6c	Graham-South	726	541	**260.0**	35.0%	**April 2010** April 2012			
Sub-total		6,346	*5,665*	**2344.9**		2007 2012	Period 2	5	**6569**

Definitions:

Total Area:	The total size of a Cluster including inoperable areas
Gross Contributing Area:	The Contributing Area (base area) for Forest Practices Code (FPC) Biodiversity calculations
IRM Net Harvest Area:	Estimated amount of Gross Operable area considered harvestable after IRM factors are taken into account
Proposed Schedule:	General timing of harvest sequence over the course of the Plan
Maximum Cumulative Merch ha	**The maximum cumulative merch hectares (all previous periods) allowed in cutblocks to period end (indicator)**

Cluster #	Resource Management Zone	Total Area (ha)	Gross Contrib. Area (ha)	Est. IRM Net Harvest Area (1) (ha)	Est. Proportion of Cluster Proposed for Harvest	Proposed Harvest Schedule Start-End	Harvest Period	# of Years	Maximum Cumulative Merch ha within blocks to be harvested
7	Crying Girl	1,848	1,812	**577.2**	31.0%	**April 2012** April 2013			
8a	Crying Girl	1,904	1,638	**840.0**	44.0%	**April 2013** April 2014			
8b	Crying Girl	2,184	1,877	**812.3**	37.0%	**April 2013** April 2017			
Sub-total		5,936	5,327	**2229.5**		2012 2017	Period 3	5	**9355**
9	Crying Girl	952	840	**291.0**	30.0%	**April 2017** Nov. 2017			
10	Crying Girl	966	788	**317.0**	32.0%	**Nov. 2017** April 2018			
11	Graham-South	1,768	1,717	**594.0**	33.0%	**April 2018**-April 2022			
Sub-total		3,686	3,345	**1202.0**		2017 2022	Period 4	5	**10858**
12	Graham-North	3,439	3,249	**1289.0**	37.0%	**April 2022** April 2024			
13	Crying Girl	2,493	2,359	**745.0**	29.0%	**April 2024** April 2027			
Sub-total		5,932	5,608	**2034.0**		2022 2027	Period 5	5	**13400**
14	Crying Girl	2,643	2,583	**1034.0**	39.0%	**April 2027** April 2028			
15	Graham-North	3,258	2,666	**1072.0**	32.0%	**April 2028** April 2032			
Sub-total		5,901	5,249	**2106.0**		2027 2032	Period 6	5	**16033**
16	Graham-North	2,108	1,917	**903.0**	42.0%	**Apr. 2032** April 2035			
Sub-total		2,108	1,917	**903.0**		2032 2035	Period 7	3	**17162**

Definitions:

Total Area:	The total size of a Cluster including inoperable areas
Gross Contributing Area:	The Contributing Area (base area) for Forest Practices Code (FPC) Biodiversity calculations
IRM Net Harvest Area:	Estimated amount of Gross Operable area considered harvestable after IRM factors are taken into account
Proposed Schedule:	General timing of harvest sequence over the course of the Plan
Maximum Cumulative Merch ha	**The maximum cumulative merch hectares (all previous periods) allowed in cutblocks to period end (indicator)**

Cluster #	Resource Management Zone	Total Area (ha)	Gross Contrib. Area (ha)	Est. IRM Net Harvest Area (1) (ha)	Est. Proportion of Cluster Proposed for Harvest	Proposed Harvest Schedule Start-End		Harvest Period	# of Years	Maximum Cumulative Merch ha within blocks to be harvested
18	Graham-North	1,341	1,217	**468.0**	34.0%	**Nov. 2035**	Nov. 2037			
19	Graham-North	3,121	2,782	**1022.0**	32.0%	**Nov. 2037**	April 2040			
Sub-total		4,462	3,999	**1490.0**		2036	2040	Period 8	5	**19024.**
20	Crying Girl	1,317	1,188	**527.0**	40.0%	**Nov. 2041**	April 2045			
Sub-total		1,317	1,188	**527.0**		2042	2045	Period 9	5	**19683**
Totals (Cluster only)		46883	42946	**15746.4**				Period 1-9	47.0	**19683**
D. Total Plan Area		**198,140**	145,053	**15,746**	**8%**					**10%**

April 1, 2007 marked the completion of Harvest Period #1 for this indicator, which covers all logging in the Graham plan area from June of 1998 to April 2007. The Period 1 target was 2,910.4 ha, with a variance of an allowable maximum area harvested of 3,638 ha (including the SFMP #1 allowable variance of 25% additional area). As noted in the 2009 annual report, the area harvested to the end of Harvest Period 1 was 3,515.6 ha, consistent with the acceptable range of area harvested for the first harvest period.

The second harvest period ended April 1, 2012, with a 6,569-hectare maximum cumulative harvest target. No harvesting occurred in the Graham during period 2. The total cumulative area harvested to the end of Period 2 is 3,515.6 ha (Period 1) +0 ha (Period 2) = 3515.6 ha. This is well within the maximum cumulative harvest area target of 6,569 ha for Period 2. The Participants performance for Period 2 is in conformance with this indicator.

Period 3 ran until April 1, 2017, with a maximum cumulative harvest area target of 9,355 ha. No harvesting has taken place in the Graham during Period #3. Therefore, the cumulative area harvest to the end of Period 3 is 3,515.6ha. This is well within the maximum cumulative harvested area target of 9,355ha and the Participants are in conformance to this indicator.

Period 4 runs until April 1, 2022, with a maximum cumulative harvest area target of 10,858ha. No harvesting has taken place within the Graham since the commencement of period 4 and the preparation of this report. Therefore, the cumulative area harvested is 3,515.6ha. This is well within the maximum cumulative harvested area target of 10,858ha and the Participants are in conformance to this indicator.

Figure 5. Graham River operating area cluster 4a, preharvest (photo by A.Tyrrell)

Target Achieved	
✓ **Yes**	**No**

REVISIONS

The conditional approval letter for SFMP#3 requested an indicator to address harvest performance in the Graham area. After a review of the indicator, it was determined that no changes were required. However, the Participants are reviewing the Graham River Integrated Resource Management Plan to determine the best way to move forward, given the operational and economic constraints on harvesting strategies, and considering harvesting slightly out of sequence in the Plan area, as the economic and operation constraints of harvesting polygons remaining in the clusters is not feasible at this time.

3.20 GRAHAM CONNECTIVITY

Indicator Statement	Target Statement
Area (hectares) harvested in cutblocks in the Graham IRM area, within the permanent alluvial and non-productive/non-commercial components of the connectivity corridors.	Zero hectares harvested within cutblocks in the permanent alluvial and non-productive/non-commercial components of the connectivity corridors.
SFM Objective: Ecosystem functions capable of supporting naturally occurring species exist within the range of natural variability. Management strategies address important values in SMZ areas.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Timber Harvesting Landscape Level Strategy.	

Acceptable Variance:
Variances may be allowed on a site-specific basis where government approval is attained. The indicator target excludes road rights-of-way needed to cross streams.

CURRENT STATUS AND COMMENTS

The Participants completed no harvesting within the recognized corridors during the time period covered by this report – April 1, 2020 – March 31, 2021.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

The conditional approval letter for SFMP#3 requested an indicator to address harvest performance in the Graham area. After a review of the indicator, it was determined that no changes were required. However, the Participants are reviewing the Graham River Integrated Resource Management Plan to determine the best way to move forward, given the operational and economic constraints on harvesting strategies, and considering harvesting slightly out of sequence in the Plan area, as the economic and operation constraints of harvesting polygons remaining in the clusters is not feasible at this time.

3.21 MKMA HARVEST

Indicator Statement	Target Statement
The number of long-term harvest plans within the MKMA completed and submitted to government.	A minimum of one long-term harvest plan submitted no later than one year following government approval of a landscape unit objective under the MKMA Act, that applies to the Fort St. John TSA portion of the MKMA.
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities and non-timber commercial activities. Management strategies address important values in SMZ areas.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Timber Harvesting Landscape Level Strategy.	

Acceptable Variance:
Timing of submission may be delayed no more than one additional year.

CURRENT STATUS AND COMMENTS
No new clustered harvest plans have been prepared for the MKMA to date.

No new harvesting is proposed in the MKMA, other than that previously approved under grandfathering provisions of the Muskwa-Kechika Management Act and Regulation, for the duration of FOS #2. 'Grandfathered' blocks in the MKMA that were not harvested during FOS #2 were dropped from FOS #3 (submitted Oct 2017). There are no unharvested blocks in the MKMA remaining in the current FOS.

Prior to harvest and road authorizations being granted in the MKMA, at least one Landscape Unit Objective must be developed for the area by the government. To date no LU Objective has been set.

Initial planning of an MKMA harvest plan commenced in 2006 but was suspended pending further advancement of LU Objective development. It is possible that the recent initiative to create a new Land Resource Management Plan (LRMP) for the Fort St. John TSA may have an impact on future LU Objectives for the MKMA. However, the LRMP process has been delayed indefinitely due to the court ruling in the case of Yahey vs. British Columbia.

The SFMP #3 approval letter dated May 4, 2018, made mention of MKMA forestry objectives, in the context of a revised Timber Harvesting Strategy for the SFMP. This was addressed in the SFMP amendment #1 in the revised 'AAC Partition – Conifer Planning .

As a result of the lack of approval of Landscape Unit Objectives no new clustered harvest plans have been prepared for the MKMA to date.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
Revisions to this indicator will be considered over the next year in light of the SFMP #3 approval letter.

3.22 RIVER CORRIDORS

Indicator Statement	Target Statement
The percentage of harvested areas that create openings greater than 1 hectare within 100 meters of RRZ's in identified major river corridors.	No openings exceeding 1 hectare in blocks within the major river corridors harvested under the *FSJPPR* (i.e. after November 15th, 2001).
SFM Objective: Management strategies address important values in SMZ areas.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Riparian Management Landscape Level Strategy	

Acceptable Variance:

10% of openings may exceed 1 hectare, but no openings greater than 2 hectares, except where required otherwise by a forest health treatment plan.

CURRENT STATUS AND COMMENTS

As part of the preparation of the Forest Operations Schedule #3, a digital spatial layer was used for those portions of streams identified in the Fort St. John LRMP in the Major River Corridor Resource Management Zone. The coverage assigned a 100-metre buffer to the riparian reserve zone (RRZ) stream classification, which was based on inventory information if known, or defaulted to S1 classifications if unknown. This coverage is displayed on all FOS maps where the Major River Corridor Resource Management Zone occurs. Any blocks not previously authorized and occurring within a major river corridor were either deleted or amended prior to inclusion in the FOS. This process was also followed for the major FOS amendment done during the reporting period (amendment 399).

Canfor did not conduct any block harvest or road construction activities in major river corridors, during the reporting period between April 1st, 2020 and March 31st, 2021.

BCTS did not conduct any block harvest or road construction activities in major river corridors, during the reporting period between April 1st, 2020 and March 31st, 2021.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.23 TOTAL NUMBER OF CONTRACTS AWARDED TO FIRST NATIONS

Indicator Statement	Target Statement
Value and total number of Contracts awarded annually to First Nations.	Report the annual total value and number of contracts awarded to companies or groups owned or operated by First Nations.
SFM Objective: Provide opportunities for First Nations to participate in forest economy.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
This is a reporting indicator, so no variance is required.

CURRENT STATUS AND COMMENTS

During the reporting period, Canfor awarded five contracts to companies or groups owned, operated, or sponsored by First Nations. These contracts provided First Nations with the opportunity to be involved in the local forest industry and economy by conducting manual brushing, slash burning and brushing projects, road maintenance, operations of remote scale yard, and harvesting and hauling of timber generated through hazard abatement projects. These contracts totaled $492,773.04.

During the 2020-2021 reporting period, BC Timber Sales did not have any contractual arrangements with First Nations.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.24 PERMANENT ACCESS STRUCTURES

Indicator Statement	Target Statement
Percentage of the total area in Managing Participants' cutblocks occupied by permanent access structures in which harvesting was completed.	A maximum of 5% of the total area in Managing Participants' cutblocks occupied by permanent access structures in which harvesting was completed, as determined on a 3 year rolling average.
SFM Objective: Sustain forest lands within our control within the Defined Forest Area. Maintain a natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress.	
Linkage to *FSJPPR*: For the purposes of Section 35(5) of the *FSJPPR*, this indicator statement, target statement and acceptable variance will replace Section 30(1) of the *FSJPPR*. For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Access Management Landscape Level Strategy.	

Acceptable Variance:
None.

CURRENT STATUS AND COMMENTS
The current 3-year average area in permanent access structures ending March 31, 2021 is 3.4%, details are presented in Table 13. The target for this period is a maximum of 5% of total area in permanent access structures. All Managing Participants' permanent access structure values were consistent with the targets during the reporting period – Canfor 4.5%, and BCTS 2.9%.

Note that the 2020 area data for Canfor presented in Table 13 differs from that presented in last year's report. This resulted from several blocks not being included in the analysis last year. Their database completion status being held up due to administrative uncertainties arising from the PVOSB closure. The percentage of area occupied by Permanent Access Structures was the same as reported last year however, so there was no impact to the performance to the target.

Louisiana-Pacific Canada will commence reporting separately as a Managing Participant in the 2021/22 Annual Reporting year.

Table 13: Current 3-year Average in Permanent Access Structures (PAS)

Managing Participant	Annual Reporting Period (Ending Mar. 31st of Year Indicated)	PAS Area (ha)	Total Area (ha)	PAS of Total Area (%)
Canfor	2019	221.4	4910.2	4.5
Canfor	2020	133.2	3142.1	4.2
Canfor	2021	111.4	2357.3	4.7
Canfor Total:[11]		**466.0**	**11414.1**	**4.5**
BCTS	2019	141.3	4736.9	3.0
BCTS	2020	137.3	4889.8	2.8
BCTS	2021	115.0	4100.3	2.8
BCTS Total:[12]		**393.6**	**13,727.0**	**2.9**
Combined Participant Totals:		**859.6**	**25,141.1**	**3.4**

The managing participants are in conformance with the target for this indicator.

Figure 6 shows the participants' performance relative to the Permanent Access Structure indicator over the last three reporting periods.

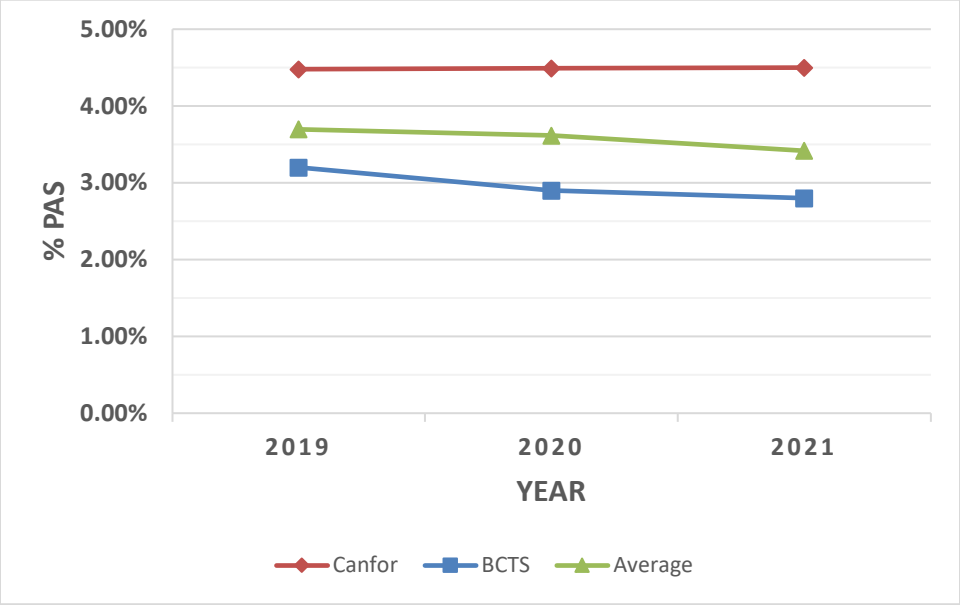

Figure 6: Three year reporting results of 3-year rolling averages of PAS % (2019-2021)

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

[11] based on 10 metre wide road widths
[12] based on 6 metre wide road widths

3.25 FOREST HEALTH

Indicator Statement	Target Statement
Percentage of silviculture obligation areas with significant detected forest health damaging agents which have treatment plans developed for them.[13]	100% of silviculture obligation areas with significant forest health damaging agents will have treatment plans developed for them, and initiated within 1 year of detection.
SFM Objective: Maintain a natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress. Ecosystem functions capable of supporting naturally occurring species continue to exist within the DFA. Maintain or enhance landscape level productivity.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Forest Health Landscape Level Strategy.	

Acceptable Variance:
A variance of 1 additional year for completing the treatment plan is permissible to provide time for additional information collection and consultation with forest health specialists.

CURRENT STATUS AND COMMENTS

BCTS

BCTS fill planted 111.2 ha over seven openings during the reporting period of April 1st, 2020 to March 31st, 2021. Prior year silviculture surveys conducted on these openings identified the need for fill planting. The causes were primarily due to grass, and/or deciduous, herbaceous and frost damage that led to mortality in plantations of conifer and/or decreased natural regeneration of deciduous. Some of these stands may be managed under mixedwood regimes going forward while some will continue with a conifer management objective.

From the silviculture surveys conducted during the reporting period on BCTS obligation areas, there were minor incidences of forest health damage such as animal browse, and frost. None of the forest damages identified were considered at levels significant enough to warrant development of a treatment plan.

Licencee Participants (Canfor, MPMC, CRL, Dunne-za, Louisiana-Pacific, PVOSB)
Licencee participants fill planted 222.4 ha of obligation area over 9 different openings during the reporting period of April 1, 2020 through March 31, 2021. The need for fill planting on these sites was identified during surveys, and the cause was attributed mainly to competition from grass, and/or deciduous, herbaceous and frost damage, as well as fill-planting deciduous blocks where the aspen were not regenerating in sufficient quantities.

[13] Indicator changed in 2010 SFMP to apply to silviculture obligation areas

Surveys conducted on obligation areas during the reporting period identified minor incidences of aspen twig blight, frost, and animal browse. None of the forest damages identified were considered at levels significant enough to warrant development of a treatment plan.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.26 SALVAGE

Indicator Statement	Target Statement
The relative proportion of area of merchantable fire-damaged stands salvaged within a management intensity class[14].	The relative proportions of salvage hectares will be highest in the high intensity zones[15], and lowest in the low intensity zones over an SFMP period (April 1, 2016 - March 31, 2022).
SFM Objective: A natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

None.

CURRENT STATUS AND COMMENTS

During the summer of 2020, fires occurred in Moderate and High Intensity Management Zones of the DFA, resulting in a total of 200.5 hectares of burned area. Of the total area burned, 0 ha of that was considered merchantable timber. During the 2020-2021 reporting period salvage was not pursued due to the unmerchantability of the timber.

Table 14: Area Damaged / Salvaged in Merchantable Timber During the SFMP Period

MANAGE-MENT INTENSITY EMPHASIS	HIGH			MODERATE			LOW			ALL		
Year	Total Area burned (ha)	Merch* Timber Damaged (ha)	Merch Timber Salvaged (ha)	Total Area burned (ha)	Merch* Timber Damaged (ha)	Merch Timber Salvaged (ha)	Total Area burned (ha)	Merch* Timber Damaged (ha)	Merch Timber Salvaged (ha)	Total Merch* Timber Damaged (ha)	Total Area Salvage (ha)	Total Area Damaged (ha)
2016	12484	4239	1375	66114	16951	1645	0	0	0	21190	3020	78599
2017	0	0	0	0	0	0	11	0	0	0	0	11.3
2018	29939	1024	0	19556	2107	116	0	0	0	3131	116	49496
2019**	306.0	67.8	0	683.9	130.0	0	0	0	0	447.7	0	989.8
2020	40.1	0	0	160.4	0	0	0	0	0	0	0	200.5
SFMP Totals	**42728.9**	**5474**	**1375**	**86354.9**	**19294.7**	**1761**	**11**	**0**	**0**	**24768.7**	**3136**	**129097.1**

*Based on VRI from Land Resource Data Warehouse (LRDW) on stands with a total estimated volume of >= 140m^3/ha and occurring on the Crown Forest Landbase (CFLB).

**The 2019 values differ slightly between the 2019-2020 and 2020-2021 Annual Reports due to recalculation of values using a standardized system.

[14] Modified in 2010 from SFMP # 1 to include only fire damaged stands

[15] See Section 1.4.1 (page 22) of SFMP# 3 for description of LU's in high, moderate and low forest management intensities.

During the 2020-2021 reporting period, 0% of the areas burned were salvaged. The participants are consistent with the target for this indicator.

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

Target Achieved	
✓ **Yes**	**No**

3.27 SILVICULTURE SYSTEMS

Indicator Statement	Target Statement
Percentage of area harvested annually using even aged silvicultural systems.	Even aged silvicultural systems will be employed on at least 80% of the total area harvested annually in the DFA.
SFM Objective: A natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

No acceptable variance.

CURRENT STATUS AND COMMENTS

Table 15 summarizes the silviculture system (merchantable hectares) on blocks harvested between April 1, 2020 and March 31, 2021.

Table 15: Silviculture System Summary by Area

Managing Participant	Even-aged (ha)	Uneven-aged (ha)	Total (ha)
Licencee Participants	2074.4	0	2074.4
BCTS	1499.8	0	1499.8
Total	**3,574.2**	**0**	**3,574.2**

Even-aged silviculture systems were employed on 100% of the total area harvested by participants within the DFA during the reporting period, which is consistent with the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.28 SPECIES COMPOSITION

Indicator Statement	Target Statement
Relative Change in Plantation Composition versus Harvest Composition for Spruce and Pine.	The relative proportion of spruce and pine planted annually will equal the proportions harvested annually (excluding fill planting).
SFM Objectives: Maintain the diversity and pattern of communities and ecosystems within a natural range. Maintain a natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Reforestation Landscape Level Strategy.	

Acceptable Variance:

An annual variance of plus or minus 20% absolute difference between the planted Pine/Spruce percentages and cruise Pine/Spruce percentage estimates is allowed to reflect potential annual harvest composition fluctuations, site treatment impacts, annual seedling delivery fluctuations (i.e. nursery production shortfalls/overruns), and to allow site level decisions to be signed off by Professional Foresters for variances (e.g. to address potential forest health concerns such as areas highly susceptible to rusts, insects, etc.)

CURRENT STATUS AND COMMENTS

Table 16 summarizes the blocks planted between April 1, 2020 and March 31, 2021 and the corresponding cruise species percentages by licencee:

Table 16: 2020 Planting vs. Cruise Species Comparison

Division	Data	Total	Proportion
BCTS	Sum of Cruise --Spruce (m^3)	135,960	38%
	Sum of Cruise -- Pine (m^3)	222,553	62%
	Sum of Planted -- Spruce (trees)	546,304	25%
	Sum of Planted -- Pine (trees)	1,620,185	75%
Licencee Participants	Sum of Cruise -- Spruce (m^3)	569,661	77%
	Sum of Cruise -- Pine (m^3)	167,834	23%
	Sum of Planted -- Spruce (trees)	2,796,780	78%
	Sum of Planted -- Pine (trees)	805,510	22%
Combined Totals	Total Sum of Cruise -- Spruce (m^3)	705621	64%
	Total Sum of Cruise -- Pine (m^3)	390387	36%
	Total Sum of Planted -- Spruce (trees)	3343084	58%
	Total Sum of Planted - Pine (trees)	2425695	42%

As indicated above the blocks planted in 2020 contained 64% spruce volume in the cruise and were planted with 58% spruce. These blocks contained 36% pine volume in the cruise and

were planted with 42% pine. The planted species percentages are below the variance threshold, and are in conformance for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.29 REFORESTATION ASSESSMENT

Indicator Statement	Target Statement
Predicted Merchantable Volume (PMV) (cubic meters) coniferous and separate deciduous surveyed areas.	Predicted Merchantable Volume will meet or exceed the Target Merchantable Volume (TMV). The TMV is set at 95% of the Maximum Predicted Merchantable Volume attainable on coniferous areas. The TMV is set at 90% of the Maximum Predicted Merchantable Volume attainable on deciduous areas.
SFM Objectives: A natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress. Maintenance of the processes for carbon uptake and storage.	
Linkage to *FSJPPR*: For the purposes of Section 35(5) of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used in replacement of the portions of affected Section 32 of the *FSJPPR* through the application of the landscape level strategy for coniferous areas logged after November 15, 2001. This will also apply to coniferous area in cutblocks with commencement dates before November 15, 2001 if the participant currently carries reforestation liability and has submitted a statement to the district manager that the cutblock(s) will be subject to the SFMP under Section 42 of the *FSJPPR*. Please refer to sec 8.1.3 of this SFMP. For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies for coniferous areas.	

Acceptable Variance:

A variance of 5% below the Target Merchantable Volume will be acceptable (i.e. 90% of the Maximum Predicted Merchantable Volume for coniferous areas, and 85% of the Maximum Predicted Merchantable Volume for deciduous areas). The variance accounts for the complexity of ecosystems and silviculture regimes combined with the long time frames and variety of influences on reforestation outcomes.

If the conifer target population's Predicted Merchantable Volume is less than the Target Merchantable Volume, individual cutblocks will be required to meet a minimum cutblock Mean Stocked Quadrant (MSQ) value of 2.0 while growing crop trees, for a target stocking of 1200 stems/ha or greater. For a target stocking of 1000 stems/ha and 800 stems/ha the minimum cutblock MSQ values will be 1.7 and 1.3 respectively. If the cutblock has areas of different target stocking the MSQ will be prorated by area.

Damage events beyond the control or influence of the Participants (e.g. wildfire) will result in the block being deleted from the assessment population, and assessed as noted in the Strategy and Implementation section.
The deciduous compiler has been developed. MSQ reports for deciduous are now included in this section.

Situations may arise in which despite due diligence in prescribing and implementing the silviculture regimes the Participant has not met the target. Where further treatment options are limited, the District Manager may waive a requirement for further treatment.

CURRENT STATUS AND COMMENTS

Tables corresponding to the results presented below can be found in Appendix 4 -Reforestation. MSQ is conducted on coniferous blocks 15 years after harvest and on deciduous blocks 10 years after harvest.

BCTS

A total of fourteen BCTS blocks were MSQ surveyed from the 2005/2006 harvest year in 2020. These fourteen blocks had productive standard units that are managed using coniferous stocking standards. This accounted for a sample size of 671.8 ha. The field data collected in July and August 2020 was compiled over the winter using a compiler developed by Timberline Natural Resource Group. The 671.8 ha were broken down into eight different stratums based on species composition, site index, stocking class and target stocking standards. For each stratum a target merchantable volume (TMV) was determined based on TASS (Tree and Stand Simulator) models. Using the inputs of mean stocked quadrant (MSQ), mean effective age and site index, a predicted merchantable volume (PMV) was then calculated for each stratum. The PMV for the 2005/2006 harvest year for coniferous managed stands was 406,861 m^3 and the TMV was 386,436 m^3. **This put the PMV at 105.3% of the TMV, which means that the target has been achieved.**

In addition to the above, a total of eight BCTS blocks were MSQ surveyed from the 2010/2011 harvest year using deciduous stocking standards in 2020. This accounted for a sample site of 530.8 ha. The field data was collected in the summer of 2020 and compiled using a deciduous compiler developed by Craig Farnden Forestry Consulting (2012) and in 2016, THEXLWIZ Consulting developed a new Microsoft Excel version with advanced data validation and a complete reporting system. This sample represents one strata based on species composition, site index, stocking class and target stocking standard. The target merchantable volume (TMV) was determined based on TASS models. Using the inputs of mean stocked quadrant (MSQ), mean effective area and site index, a predicted merchantable volume (PMV) was then calculated. The PMV for the 2010/2011 harvest year for deciduous managed stands was 238,704 m^3 and the TMV was 219,944 m^3. **This put the PMV at 111.1% of the TMV, which means the target has been achieved.**

Licencee Participants

A total of 23 blocks were surveyed from the 2005/2006 harvest year, accounting for a sample size of 1209.6 ha. The field data collected between August and October of 2020 were compiled over the winter using a compiler developed by J.S. Thrower and Associates. The 1209.6 ha were grouped into 18 different strata based on species composition, site index, stocking class, and target stocking standard. For each stratum a target merchantable volume (TMV) was determined based on TASS models. Using inputs of mean stocked quadrant (MSQ), mean effective age and site index, a predicted merchantable volume (PMV) was then calculated for each stratum. The PMV for the 2005/2006 harvest year was 608,052 m^3, and the TMV was 569,776 m^3. **This put the PMV at 106.7% of the TMV, which means the target was met.**

In addition to the above, a total of 37 participant blocks were surveyed from the 2010/2011 harvest year using deciduous stocking standards. This accounted for a sample size of 1,530.6 ha. The field data was collected in the summer and compiled using a deciduous compiler

developed by Craig Farnden Forestry Consulting (2012) and in 2016, THEXLWIZ Consulting developed a new Microsoft Excel version with advanced data validation and a complete reporting system. This sample represents three strata based on species composition, site index, stocking class, and target stocking standards. The target merchantable volume (TMV) was determined based on TASS models. Using the inputs of mean stocked quadrant (MSQ), mean effective area and site index, a predicted merchantable volume (PMV) was then calculated. The PMV for the 2010/2011 harvest year for deciduous managed stands was 498,897 m^3 and the TMV was 449,048 m^3. **This put the PMV at 111.1% of the TMV, which means the target has been achieved.**

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.30 ESTABLISHMENT DELAY

Indicator Statement	Target Statement
Establishment Delay (years)	The area weighted average establishment delay for coniferous regeneration will not exceed two years The area weighted average establishment delay for deciduous regeneration will not exceed three years The area weighted average establishment delay for mixedwood stands regeneration will not exceed three years.
SFM Objectives: Maintain the diversity and pattern of communities and ecosystems within a natural range. Maintain a natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance and stress. Maintenance of the processes for carbon uptake and storage.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Reforestation Landscape Level Strategy.	

Acceptable Variance:

To allow for variations in site preparation requirements, access, and delays in harvest the acceptable variance for establishment delay is an additional one half year (e.g. 2.5 years for conifer, 3.5 years for deciduous and mixedwood).

CURRENT STATUS AND COMMENTS

Coniferous Regeneration:

BCTS coniferous establishment delay was 1.1 years, which is within the acceptable performance range for coniferous establishment timelines for this indicator. Canfor coniferous establishment delay was 2.0 years, which is within the acceptable performance range for coniferous establishment timelines for this indicator.

Deciduous Regeneration:

The BCTS deciduous establishment delay was 2.4 years, which is within the acceptable performance range for deciduous establishment timelines for this indicator. The Canfor deciduous establishment delay was 2.9 years, which is within the acceptable performance range for deciduous establishment timelines for this indicator.

Mixedwood Regeneration

The BCTS mixedwood establishment delay was 2.0 years, which is not within the acceptable performance range for mixedwood establishment timelines for this indicator. The Canfor mixedwood establishment delay was 2.6 years, which is within the acceptable performance range for mixedwood establishment timelines for this indicator.

Refer to the tables found in Appendix 4 - Reforestation, for a detailed listing of how this establishment delay value was calculated.

Figure 7 shows a 3-year summary for the indicator:

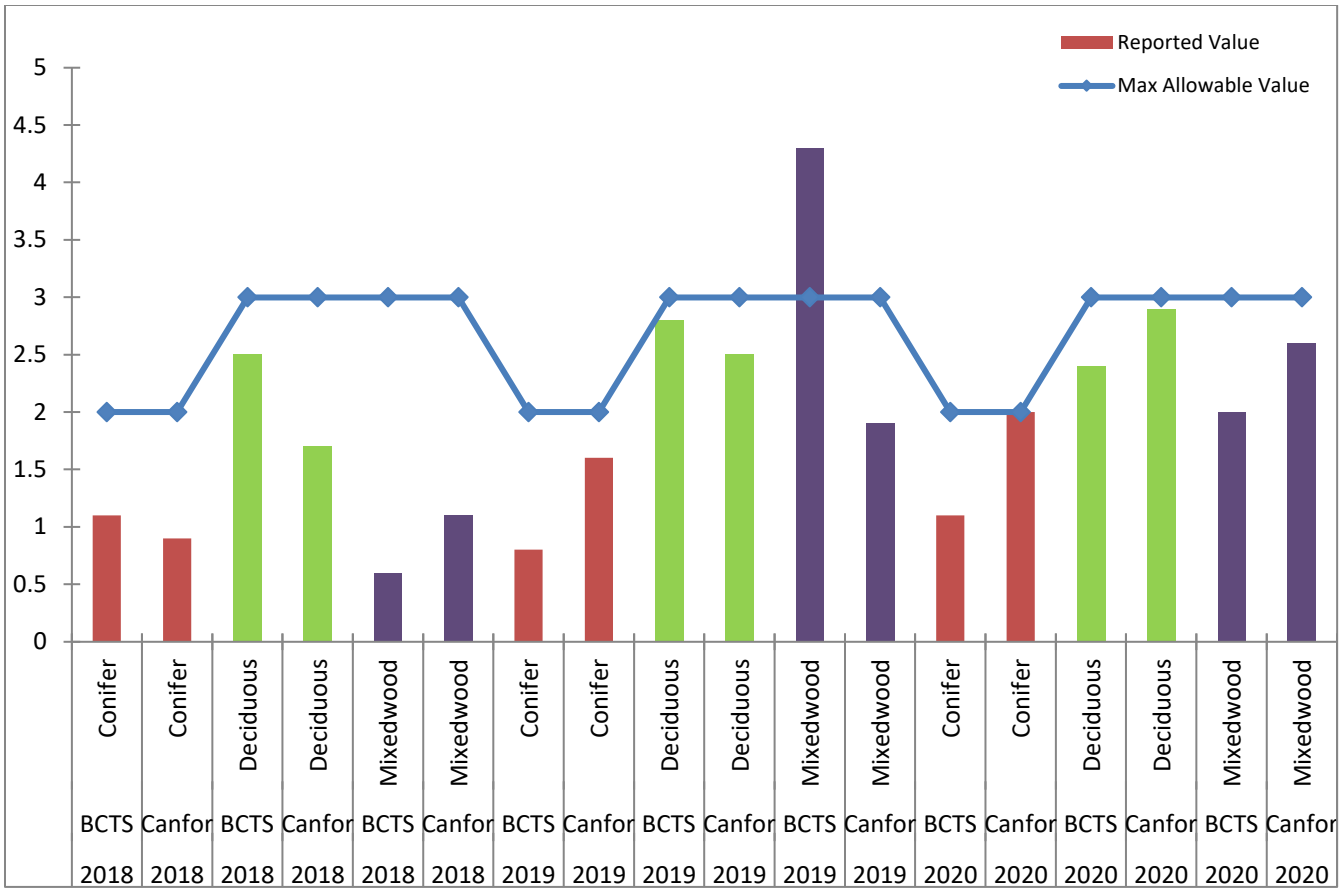

Figure 7: Establishment delay 3-year summary

The participants achieved all three targets associated with this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.31 LONG TERM HARVEST LEVEL

Indicator Statement	Target Statement
Long-term harvest level (LTHL) as measured in cubic metres per year (m^3/yr).	We will propose an Allowable Annual Cut (AAC) that sustains the LTHL of the Defined Forest Area (DFA).
SFM Objective: Maintain or enhance landscape level productivity. No decrease in the LTHL in the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

At the time of SFMP #1 government policy direction was to have Timber Supply Reviews (TSRs) prepared by industry for the Chief Forester's consideration, and determination of the AAC. This policy has changed, government is now preparing TSR's with input from the public and stakeholder. Forest industry participation in the TSR process is now limited to providing information and feedback.

Although the Participants may propose information to be considered in the calculation of a sustainable long-term harvest level, the responsibility and authority to determine an AAC rests with the MFLNRORD. Ultimately, it is the MFLNRORD Chief Forester who determines the AAC for the management unit.

CURRENT STATUS AND COMMENTS

Work on the current TSR commenced in the summer of 2013. The TSR analysis results document was released in early 2016. The Participants provided information for consideration by the MFLNRORD in the preparation of the data package and the review of the analysis report, which supports the TSR AAC determination. In May 2018, MFLNRORD released the updated AAC. The Chief Forester set the AAC at 2,115,000m^3, which is the same AAC that was released in 2003.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.32 SITE INDEX

Indicator Statement	Target Statement
Site index	Average post harvest site index will not be less than average pre-harvest site index on blocks harvested under the pilot project regulation.
SFM Objective: Maintain or enhance landscape level productivity. Protect soil resources to sustain productive forests.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

A maximum negative variance of 15% post harvest site index *versus* pre harvest site index is allowed to account for statistical variability.

CURRENT STATUS AND COMMENTS

The majority of SPs/SLPs for blocks harvested since Nov. 15, 2001 have been updated to include pre-harvest site index, so that the data will be readily available when well-growing assessments are made to them in the future. Blocks for which licencees developed SLP's during the reporting period have Site Index identified for each Standard Unit.
This indicator applies to blocks harvested since Nov. 15, 2001 that have undergone completion of a well growing assessment as per the required well growing assessment schedule. This is the third reporting season where a population of cutblocks have met the conditions required for inclusion. Multiple blocks, however, were removed from the population due to recent wildfire.

Licencee Participants

The average pre-harvest site index was 15.0, whereas the average post-harvest site index was determined to be 18.9.

BCTS

The average pre-harvest site index was 17.0, whereas the average post-harvest site index was determined to be 22.7.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.33 FIRST NATIONS CONSULTATION & INFORMATION SHARING[16]

Indicator Statement	Target Statement
Percentage of affected First Nations invited to participate in information sessions or presentations related to the participants' practices and /or plans (SFMP, FOS, and PMP's).	100% of affected First Nations will be invited to participate in information sessions or presentations related to the participants' practices and /or plans (SFMP, FOS, and PMP's).
SFM Objective: Involve First Nations in review of forest management plans, provide understanding of forest management plans.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
No acceptable variance.

CURRENT STATUS AND COMMENTS

Canfor

During the 2020-2021 reporting period there were 3 major FOS amendments (#391, #399, and #404) that were prepared jointly by Canfor and BCTS. Information sharing related to the major FOS amendments were conducted with the affected Treaty 8 First Nations and other affected First Nations with identified interest in the FSJ TSA. FOS amendment packages including maps and letters were provided to each affected First Nation for each major amendment and appropriate follow-up meetings and discussions were held as requested.
All Treaty 8 First Nations were invited to the Public Advisory Group meetings that occurred during the reporting period

Canfor initiated bi-annual meetings with Treaty 8 First Nations to facilitate better info sharing and communication of Canfor's field layout operations and harvesting activities. First Nations' concerns and comments were considered and/or incorporated into the future plans.

In addition to this, Canfor Silviculture staff conducted info sharing with all First Nations where brushing activities were proposed to occur. Through the Notice of Intent to Treat process, First Nations were provided with information and proposed treatment areas in an initial package, followed by many subsequent communications and/or contact attempts.

BCTS

Through the quarterly Sales Schedule Notification and Harvest Authorization Consultation process, BCTS consulted with the following First Nations:
April 2020 SSN – BRFN, DTFN, DRFN, HRFN, HLFN, WMFN
July 2020 SSN – BRFN, DTFN, DRFN, HRFN, HLFN, PRFN, SFN, WMFN
October 2020 SSN – BRFN, DTFN, DRFN, HRFN, HLFN, WMFN
January 2020 SSN – BRFN, DTFN, DRFN, HRFN, HLFN, WMFN

In addition, BCTS consulted with the following First Nations through the Notice of Intent to Treat process for brushing/silvicultural treatments: BRFN, DTFN, HRFN, HLFN, WMFN

[16] New indicator in 2010 SFMP- previous SFMP#1 Indicator # 33 was Landslides, which has been deleted

Consultation was also conducted in conjunction with FOS Major Amendment #399 and #404 with the following First Nations:
FOS Amendment #399 – BRFN, DTFN, DRFN, FNFN, HRFN, HLFN, PRFN, SFN, WMFN
FOS Amendment #404 – BRFN, DTFN, DRFN, HRFN, HLFN, PRFN, WMFN

Target Achieved	
✓ **Yes**	**No**

REVISIONS

This indicator will be removed from the SFMP, and this will be the last year it is reported on. It was previously included as a requirement under the CSA matrix, and no longer required. Information sharing and consultation activities are legal requirements and will continue as per current practice.

3.34 PEAK FLOW INDEX

Indicator Statement	Target Statement
The percentage of watersheds achieving baseline targets for the peak flow index and the percent of watershed reviews completed where the baseline target is exceeded.	95% or more of the watersheds will be below the baseline target. All watersheds that exceed the baseline target will have a watershed review completed wherever new harvesting is planned.
SFM Objective: Maintenance of water quantity.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

Acceptable Variance:

A variance to a minimum of 90% of the watersheds below the baseline targets will be acceptable.
A zero variance for conducting a watershed review wherever new harvesting is planned in a watershed where the baseline target is exceeded.

CURRENT STATUS AND COMMENTS

A DFA wide analysis of watersheds was conducted as part of the development of FOS #3, to determine what impact blocks harvested through March 31, 2025 would have on each watershed's Peak Flow Index. The analysis showed that all watersheds were below the baseline target for current state and 99% watersheds are below the baseline target for future state upon completion of all harvest activities by both participants.
As part of FOS amendment 399, another analysis was conducted to assess the impacts of the additional planned harvest area. The SFMP target was met, with 100% of the thresholds met for the current state and 96% of watersheds not exceeding the baseline thresholds in the future state. With respect to current state, the analysis indicated that all watersheds are within the target threshold for peak flow and the participants are in conformance with this indicator.

Four watersheds required a more detailed review, as the modelled future state exceeded their baseline index targets. These watersheds were Blair Creek, Martin Creek, Nig Creek, and Osborn River. A preliminary review showed that significant wildfires across these watersheds have the largest influence of any disturbance on their Peak Flow Indices. The Participants also have some proposed blocks in some of these watersheds, so a more detailed review was required. Using the new remote sensing imagery stand height resultant that was acquired for much of the DFA in 2021, the Participants were able to get a more accurate and up to date (circa 2020) measure of stand heights in the watersheds. The results of the new analysis using these new data shows that all watersheds, including the four referenced above, are under their Peak Flow Index thresholds in current state and in the future state with the projected harvest levels through 2025. The table below presents the revised data for the four watersheds initially thought to be exceeding thresholds in the future state.

Table 17: Peak Flow Index modelling data for selected watersheds with FOS amendment 399 projected harvest

Watershed Group	Watershed Name	Size (km2)	Elevation range (m)	H60 Elevation (m)	Baseline Threshold PFI	PFI 2021	PFI 2025
Lower Halfway	Blair Creek	230.44	698 – 1142	902	43	23.1	21.7
Upper Beatton	Martin Creek	120.24	700 – 980	830	50	27.0	23.9
Upper Beatton	Nig Creek	476.81	680 – 920	782	50	37.8	36.6
Lower Beatton	Osborn River	735.95	623-987	745	43	41.1	40.1

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.35 WATER QUALITY CONCERN RATING

Indicator Statement	Target Statement
The percentage of surveyed stream crossings annually identified with a high WQCR rating on forestry roads within the DFA for which Participants have stewardship. *WQCR – water quality concern rating	On an annual basis fewer than 30% of the total number of surveyed stream crossings on roads for which the Participants have stewardship will have 'High' WQCR. [17]
SFM Objective: Maintenance of water quality.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

Maximum 'high' WQCR allowable will be 35%.

CURRENT STATUS AND COMMENTS

SQCI (Stream Quality Crossing Index) - Water Quality Effectiveness Evaluation (WQEE) field surveys were conducted on 20 crossings in 2020. From these surveys, the WQCR was assigned using the translation tables from "Stream Crossing Quality Index (using the WQEE Computation Procedure) Field Manual" by P. Beaudry. One of the crossings was on a fish bearing stream. Results of the field surveys are presented in Table 18: Summary of WQCR Data Collected during 2020.

The participants achieved the indicator target for the 2020/2021 reporting period.

Table 18: Summary of WQCR Data Collected during 2020

Status	*WQCR 'High' or 'Very High' (# crossings)*	*WQCR 'Medium' (# crossings)*	*WQCR 'Low' or 'Very Low' (# crossings)*	*WQCR 'None' (# crossings)*	*Total (#)*	*%crossings rated 'High'*
All combined	0	1	4	15	20	**0**

The following photos are included to give the reader an impression of what 'high' and 'low' Water Quality Concern Ratings may relate to in the field.

Figure 8 is an example of a crossing rated 'high'. Sites assessed soon after deactivation often look like this and can require further application of reclamation seed to lower the concern rating. Incorporating pieces of woody debris along the exposed soil surfaces can further reduce risk of soil erosion and sediment delivery but can interfere with recreation traffic if excessive.

[17] 2010 SFMP target revised to annual measurement from three year rolling average of 2004 SFMP

Figure 8: Example of a crossing with a 'High' Water Quality Concern Rating

Figure 9 is an example of a crossing rated 'low'. Abundant reclamation mix and natural vegetation has colonized soil exposures and lowered the risk of soil erosion and sediment delivery to waterbodies.

Figure 9: Example of a crossing with a 'Low' Water Quality Concern Rating

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.36 PROTECTION OF STREAMBANKS AND RIPARIAN VALUES ON SMALL STREAMS

Indicator Statement	Target Statement
The number of annual non-conformances to SLP measures related to protecting stream bank, stream channel stability and riparian vegetation from harvesting or silviculture activities.	No non-conformances to SLP measures related to protecting stream bank, stream channel stability and riparian vegetation from harvesting or silviculture activities.
SFM Objective: Maintenance of water quality.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

Acceptable Variance:
The maximum allowable variance is one non-conformance per Managing Participant annually.

CURRENT STATUS AND COMMENTS
A review of BCTS incidents related to Site Level Plan (SLP) measures to protect stream bank, stream channel stability and riparian vegetation on small streams due to harvesting or silviculture activities from April 1, 2020 to March 31, 2021 indicated that there were no instances of non-conformance to SLP measures during that reporting period.

A review of Canfor incidents related to SLP measures to protect stream bank, stream channel stability and riparian vegetation on small streams due to harvesting or silviculture activities from April 1, 2020 to March 31, 2021 indicated that there were no instances of non-conformance to SLP measures during that reporting period.

A variance of one non-conformance per participant is allowed annually. There were no participant non-conformances; The participants were in conformance to the indicator and are within the tolerance provided by the variance.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.37 SPILLS ENTERING WATERBODIES

Indicator Statement	Target Statement
Number of spills of a reportable substance (i.e. antifreeze, diesel fuel, gasoline, greases, hydraulic oil, lubricating oil, methyl hydrate, paints and paint thinners, solvents, pesticides, and explosives) entering water bodies.	Zero spills entering water bodies.
SFM Objective: Maintenance of water quality.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
None.

CURRENT STATUS AND COMMENTS
A review of the Participant's Incident Tracking Systems (ITS) incidents indicates that the licencee participants as well as BCTS, had no spills of a reportable substance that entered water bodies during the 2020-21 reporting period.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.38 CARBON SEQUESTRATION RATE

Indicator Statement	Target Statement
Maintenance of DFA average carbon sequestration rates.	Maintain DFA average carbon sequestration rates that are consistent with or greater than natural sequestration rates.
SFM Objective: Maintenance of the processes for carbon uptake and storage.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
No decline lower than the natural disturbance sequestration rate as modeled in support of this indicator is acceptable.

CURRENT STATUS AND COMMENTS

There have been no changes in the status of this indicator since the development of SFMP #1.

The strategy to manage sequestration rates is through prompt reforestation (Section 3.30 of this document) and maintaining acceptable levels of stocking over the landscape on previously harvested and regenerated sites (Section 3.29 of this document). The participants are in conformance with the requirements of indicators 29 and 30 (conifer and deciduous establishment).

Target Achieved	
✓ **Yes**	**No**

REVISIONS

This indicator will be removed from the SFMP, and this will be the last year it is reported on. It was previously included as a requirement under the CSA matrix, and no longer required. Refinement of the indicator was dependent upon MFLNRORD completing carbon budget modelling in Timber Supply Review.

3.39 ECOSYSTEM CARBON STORAGE

Indicator Statement	Target Statement
The percentage of ecosystem carbon stored in the Fort St. John DFA relative to projected natural levels.	Maintain ecosystem carbon storage at a minimum of 95% of projected natural storage levels.
SFM Objective: Maintenance of the processes for carbon uptake and storage.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

No acceptable variance.

CURRENT STATUS AND COMMENTS

There have been no changes in the status of this indicator since the development of SFMP #1. The strategy to manage carbon storage is through prompt reforestation (Section 3.30 of this document) and maintaining acceptable levels of stocking over the landscape on previously harvested and regenerated sites (Section 3.29 of this document) and adherence to cut control requirements (Section 3.53 of this document) which will sustain the long term harvest level for the DFA (Section 3.31). The participants are in conformance with the requirements of indicators 29, 30 (deciduous and coniferous establishment delay), 31 and 53.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

This indicator will be removed from the SFMP, and this will be the last year it is reported on. It was previously included as a requirement under the CSA matrix, and no longer required. Refinement of the indicator was dependent upon MFLNRORD completing carbon budget modelling in Timber Supply Review.

3.40 COORDINATED DEVELOPMENTS

Indicator Statement	Target Statement
Number of coordinated developments.	Report annually the number of proposed coordinated developments that occurred.
SFM Objective: Foster inter-industry cooperation to minimize conversion of forested lands to non-forest conditions.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

The opportunities for coordinated development will fluctuate annually based on the overall activity of the oil and gas industry as well as the proximity of operations to one another. Any amount of coordinated development on the basis of making participants' plans readily available will be viewed as a positive step in reducing the conversion of forested lands to non-forest conditions. No variance is necessary, as the target is to report out on coordinated activities that occurred between the industries.

CURRENT STATUS AND COMMENTS

The following is a summary of proposed changes to activities related to coordinating development between licencee participants and the oil and gas industry between April 1st, 2020 and March 31st, 2021.

Canfor provided oil and gas companies with a total of 243 road use agreements for use of Canfor roads, representing 4033 km total. Oil and gas companies consequently provided a number of road use agreements for their roads to Canfor. In most of the referrals received, planned access to the proposed oil and gas development had considered information from the Participant's Forest Operations Schedule (FOS).

Canfor received a total of 98 referrals from the Oil and Gas industry during the reporting period. Of these, 8 referrals indicated that coordinating activities were occurring in that Oil and Gas were requesting to use the Participant's existing roads or Canfor was requesting that roads be left open by the Oil and Gas industry.

BCTS does not hold any RUA, as the successful bidder for each TSL is responsible for acquiring these before hauling.
Following is a summary of proposed changes to activities related to coordinating development between BCTS and the oil and gas industry.
BCTS received a total of 19 oil and gas referrals between April 1st, 2020 and March 31st, 2021. Of the 19 referrals BCTS received, there were 4 proposed change. The changes consisted of the following:

- The request that the oil and gas company cover compensation for the amendments required to the affected BCTS block as it was ready to be advertised. - 4 referral replies.

- The request that post construction shape files be submitted to BCTS for silviculture reductions. - 4 referral replies.

- The request for the construction timeline to be adjusted to avoid in block construction while the block has active harvesting. - 0 referral replies.

The remaining 23 referrals had very little or no impact to BCTS blocks and required minor or no changes to the proposed oil and gas activity.
Most of the referrals from oil/gas industry appeared to have utilized the FOS maps provided to the industry. In doing so out BCTS planned and/or developed infrastructure was considered.

LP received a total of 4 referrals from the Oil and Gas industry during the reporting period, covering 18.2km. LP did not provide any RUA to the Oil and Gas industry during the reporting period.
Two major projects were done collaboratively with other companies during the reporting period:

- Canfor and BCTS completed in partnership the replacement of the bridge located at km 6.5 on the Numac Plant Road.
- Canfor and Petronas replaced the bridge at 17.2km on the Atick Creek Road.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.41 RANGE ACTION PLANS

Indicator Statement	Target Statement
Percent consistency with mutually agreed upon action plans for range.	Operations 100% consistent with resultant range action plans.
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities, and non-timber commercial activities.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
Variances are permissible only on reaching mutual agreement between the affected range tenure holder and Participant.

CURRENT STATUS AND COMMENTS
Prior to 2013, Timber Range Action Plans (TRAPs) was the main documentation template for developing strategies to mitigate range and forestry activities' impacts on one another. However, over time, the formality and process of TRAP that originated from the Timber and Range Impact Mitigation Committee (TRIM C) project has become less formal. Since 2018, other formats of documents have been started to be used to record mutually agreed upon action plans.
Table 19 provides a summary of mutually agreed range action plans that were developed and completed, as well as a summary of comprehensive TRAP's prepared from April 1st, 2004 through March, 31st , 2021 (SFMP #1, SFMP #2 and SFMP#3):
The Participants completed all proposed mutually agreed action plans during this time period.

Table 19: Results of Mutually Agreed Range Action Plans

Annual Reporting Period	# Timber Range Action Plans (TRAPs)	# Mutually Agreed Upon Action Plans
2004-05	0	N/A
2005-06	6	N/A
2006-07	4	N/A
2007-08	5	N/A
2008-09	1	N/A
2009-10	1	N/A
2010-11	3	N/A
2011-12	0	N/A
2012-13	0	N/A
2013-14	1	N/A
2014-15	5	N/A
2015-16	1	N/A
2016-17	0	N/A
2017-18	0	N/A
2018-19	0	1
2019-20	0	0
2020-21	0	3
Total	**27**	**4**

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.42 DAMAGE TO RANGE IMPROVEMENTS

Indicator Statement	Target Statement
Number of natural range barriers or range improvements rendered ineffective by Participants' activities.	Natural range barriers or range improvements rendered ineffective by Participants' activities will be repaired within 2 years of harvest completion.
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities, and non-timber commercial activities.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

Acceptable Variance:

The indicator target would not apply if a Participant can implement alternative mitigation strategies to the satisfaction of the range tenure holder and if required, approval from MFLNRORD. In the event that a natural range barrier is not identified prior to harvesting, Managing Participants have to develop and implement mitigation strategies to alleviate the impact of lost or ineffective natural range barrier in less than two years from the completion of harvesting, provided that the range tenure holders raise concerns regarding the natural range barrier to the Managing Participants within 180 days of completion of primary harvesting activities.

Temporary removal or alteration of a range development to enable short-term forestry activities to proceed is permissible. However, repairs to or replacement of improvements must be completed in less than two years from harvest completion. For the purposes of this indicator, the terms range improvement and range development have the same meaning.

CURRENT STATUS AND COMMENTS

In May 2020, Canfor notified a range tenure holder that a section of the fence line was temporarily removed to allow road access. After harvesting, the section was temporarily repaired with a gate. The temporary gate is to be replaced with a permanent fence line by 2021.

In May 2020, Canfor was notified by a range tenure holder that two sections of the fence line were temporarily removed by a harvesting contractor to allow the access of a road. The range tenure holder advised Canfor that the fenced needed to be repaired by May 28, 2020 as the livestock would be moved to that area. By May 28, the fence line was repaired to the satisfaction of the range tenure holder.

During the April 1, 2020 – March 31, 2021 reporting period BCTS did not incur any instances whereby a range improvement was damaged.

Managing Participants are in conformance with the indicator's acceptable variance.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.43 RECREATION SITES

Indicator Statement	Target Statement
The number of recreation sites maintained by Participants.	Participants will maintain a minimum of one recreational site within the DFA.
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities, and non-timber commercial activities.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
No less than the target.

CURRENT STATUS AND COMMENTS
During the reporting period Canfor and BCTS continued maintenance of the Crying Girl Prairie campsite, utilizing a local contractor to provide site cleanup, outhouse cleaning, and garbage disposal.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.44 VISUAL QUALITY OBJECTIVES

Indicator Statement	Target Statement
Consistency with Visual Quality Objectives (VQOs).	Pilot participants' forest operations will be consistent with the established VQOs.
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities, and non-timber commercial activities.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator, statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

Acceptable Variance:

A variance to the requirement for consistency with established VQOs, where approved by the District Manager, is permitted on a site-specific basis, where required to address risks to resource values or safety issues (e.g. fire salvage, sanitation harvesting for forest pest control), as identified in a SLP. A rationale will be prepared by a professional forester, and must specify the reasons for the variance and the measures that will be implemented to address the resource value at risk and mitigate impacts on the visual resource.

CURRENT STATUS AND COMMENTS

The SFMP strategy directing the timing of visual quality assessments specifies that post-harvest reviews of harvested areas that fall within visually sensitive landscapes will be completed no later than December 31 of the following year after harvesting is completed (e.g. if logging is finished in November of 2016, the post-harvest assessment must be done by December 31, 2017).

For the 2020/2021 reporting period, Canfor assessed the blocks where harvesting was completed between January 1st, 2020 and December 31, 2020 and found 4 blocks that fell into visual quality objective polygons and would require visual quality objective (VQO) assessments during the reporting period. All 4 post-harvest visual quality assessments were completed and were found to have met or in many cases exceed the visual quality objectives for the polygon. There were no variances requested or approved by the MFLNRORD for the requirement to complete a post-harvest visual quality assessment. Canfor is therefore in conformance with the target for this indicator.

For the 2020-2021 reporting period, BCTS had no blocks that fell within an area requiring management of Visual Quality Objectives. BCTS is therefore in conformance with the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.45 RECREATION OPPORTUNITY SPECTRUM (ROS)

Indicator Statement	Target Statement
Area in primitive and semi-primitive non-motorized classifications of the Recreation Opportunity Spectrum (ROS) for the Graham, Sikanni, and Crying Girl LU's.	A minimum of 65,839 ha in primitive ROS area (100% of 1996 primitive ROS area) and 180,726 ha in semi primitive non-motorized ROS area (50% of the 1996 total semi primitive NM ROS area) in the combined Graham, Crying Girl and Sikanni LU's (excluding the Graham Laurier and Redfern-Keily PA's).
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities and non-timber commercial activities.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

Acceptable Variance:

The Primitive ROS percentage may fluctuate over time as roads are constructed and permanently deactivated to retain the percentage at 1996 levels. At any given time the Primitive ROS percentage may decrease down to 10% on a temporary basis until such time as the constructed forest roads are permanently deactivated and the Primitive classification is restored.

There is no allowable variance for the Semi-Primitive non-motorized target.

CURRENT STATUS AND COMMENTS

During development of the FOS #3, the FOS was analyzed to project the potential impact on the ROS targeted percentages; all proposed development was consistent with the SFMP ROS targets. Many of the blocks proposed by FOS #1 and FOS #2 for harvest in the Crying Girl and Graham RMZs have not been harvested and no new activities were proposed in FOS #3.

Table 20Table 20 identifies the condition of the recreation opportunity spectrum expected upon the completion of all harvest operations in FOS #3. If the FOS is amended to include new block or road area that may impact the Participants' performance to this indicator, the ROS analysis will be redone to determine the potential impact.

Table 20: Projection of Changes to ROS Class from 1996 to 2025

Crying Girl Graham & Sikanni LU	ROS Class Projection to 2016- After Modeling Impact of Proposed Development in 2010 FOS											
	Primitive		Semi Primitive Non-Motorized		Semi Primitive Motorized		Roaded		Urban/ Agriculture		Total Area	Total %
	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	(ha)	
Total 1996 ha	65,839	12.1%	361,451	66.2%	116,090	21.3%	269	0.0%	2287	0.4%	545,936	100.0%
Total 2010 Projected ha (from 2004 FOS)	65,839	12.1%	344,488	63.1%	133,056	24.4%	269	0.0%	2,287	0.4%	545,939	100.0%
2010 SFMP Target	**65,839**		**180,726**		**NA**		**NA**		**NA**		**NA**	

Table 20 summarizes the projected ROS condition presented in FOS #3. It should be noted that FOS #3 included developments proposed in the Crying Girl and the Graham Landscape Units. The proposed development of FOS #3 was found to be consistent with the SFMP ROS targets.

No logging occurred in this area between 2008 and March 31st, 2021. The current status remains consistent with the target range for this indicator. The participants do have some proposed blocks in the Crying Girl LU, but harvesting has not started.

As the minimum targets of 65,839 ha in primitive ROS area (100% of 1996 primitive ROS area) and 180,726 ha in semi primitive non-motorized ROS area have been identified to be maintained through completion of harvesting of all blocks in FOS #3, the participants are therefore in conformance with the target for this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

An amendment to this legal indicator is needed as the participants cannot reconcile the numbers in the target statement with any of the current layers we have. Also no one can find documentation of how the original numbers were calculated. We have come up with numbers that are close and logical to us. We will propose updating the target statement and documenting how we came up with those numbers.

3.46 ACTIONS ADDRESSING GUIDES, TRAPPERS AND OTHER INTERESTS

Indicator Statement	Target Statement
Percentage of operations consistent with mutually agreed upon action plans for guides, trappers and other known non-timber commercial interests.	100% of operations will be consistent with action plans for guides, trappers and other non-timber commercial interests.
SFM Objective: Provide opportunities for a feasible mix of timber, recreational activities and non-timber commercial activities.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
Variances are permissible only on reaching mutual agreement between the affected tenure holders and Participant.

CURRENT STATUS AND COMMENTS
During the reporting period of April 1, 2020 to March 31, 2021, Canfor conducted one mutually agreed upon action plan with a trapline tenure holder. Operations are consistent with the action plan.

During the reporting period of April 1, 2020 to March 31, 2021 there was no BCTS operations conducted in areas where mutually agreed upon action plans were prepared with guides, trappers or other non-commercial timber interests.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
Revisions to this indicator will be considered over the next year in light of the SFMP #3 approval letter.

3.47 TIMBER PROCESSED IN THE DFA

Indicator Statement	Target Statement
Volume of timber processed in the DFA in proportion to volume harvested in the DFA.	The annual equivalent of a minimum of 70% of the DFA's harvest is primary processed in the DFA[18].
SFM Objective: Viable timber processing facilities in the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

An acceptable negative variance of 5% (i.e. a minimum of 65% of the harvest processed in the DFA) is permissible. This target level and variance is necessary to account for timber harvested within the DFA that is not directly harvested by the Participants thus having less control as to its final processing destination.

CURRENT STATUS AND COMMENTS

Table 21 outlines the volume of timber processed at facilities in the DFA in proportion to the entire volume of timber harvested and delivered to professing facilities in the DFA up to and including March 31, 2021.

Table 21: Proportion of Total Volume Locally Processed

	Total Scaled Volume of Timber Delivered to Local Processing Plants (m^3)	(a) Total Scaled Volume of Timber Originating Within the DFA (m^3)	(b) Total Scaled Volume of Timber Originating Within the DFA and Processed Within the DFA (m^3)	(b/a) % of Total DFA Volume Processed Locally
Conifer volume (m^3)	1,170,692	948,573	948,561	100%
Deciduous volume (m^3)	97,648	83,219	83,219	100%
All	**1,268,340**	**1,031,792**	**1,031,780**	**100%**

The above quoted volumes include woodlot and private wood, but exclude oil and gas salvage since the originating Timber Supply Area (TSA) cannot be confirmed for salvage wood deliveries. Also excluded from the TSA delivery totals were deliveries from Alberta, Dawson Creek (including Site C salvage volumes). There was no deciduous scaled or processed at local plants

The majority of the timber harvested in the DFA was processed at facilities within the DFA (100%).

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

[18] Indicator as revised in Oct 30,2005 submission of 2004-2005 Annual Report

3.48 SUMMER AND FALL VOLUMES

Indicator Statement	Target Statement
Volume of timber (m^3) delivered annually to wood processing facilities within the Fort St. John Defined Forest Area (DFA) wood processing facilities between May 1st and November 30th.	Minimum of 100,000 m^3 to conifer mills in the DFA. Minimum of 185,000 m^3 to deciduous mills in the DFA.
SFM Objective: Maintain viable timber processing facilities in the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

The target volumes assume planned production levels are achieved at the local mills. Allowable variances for the minimum acceptable deliveries may be reduced proportionally for the number of actual operating weeks, divided by the normal fifty operating weeks of the facilities per year. The indicator and target or portions thereof, will not apply during periods of indefinite mill closures or curtailments.

CURRENT STATUS AND COMMENTS

Between May 1st, 2020 and November 30th, 2020, a total of 581,770 m^3 was delivered to the Fort St. John sawmill, and a total of 25,707m^3 was delivered to the deciduous manufacturing facility. The total volumes delivered exceed the minimum volumes required for conifer to meet the target. The minimum volume was not met for deciduous due to the indefinite closure of Peace Valley OSB. As the plant was closed, the Participants are in conformance with this indicator, as per the allowable variance.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

This indicator will be removed from the SFMP, and this will be the last year it is reported on. It was previously included as a requirement under the CSA matrix, and no longer required.

3.49 FOREST HEALTH FOS PLANNING [19]

Indicator Statement	Target Statement
Percentage of significant detected forest health damaging agents which have treatment plans prepared and implemented.	100% of significant detected forest health damaging agents will have treatment plans prepared and implemented within 1 year of initial detection.
SFM Objective: Maintain or enhance landscape level productivity. Maintain a natural range of variability in ecosystem function, composition and structure which allows ecosystems to recover from disturbance.	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Forest Health Management Landscape Level Strategy.	

Acceptable Variance:

A 20% variance (i.e. minimum of 80% of significant detected forest health damaging agents) is required in the event some FOS blocks are dropped due to other First Nation, stakeholder or public interests. A variance of 1 year is permissible to provide for data collection and engagement with forest health specialists, First Nations, stakeholders and the public.

CURRENT STATUS AND COMMENTS

There were no significant fires in the 2020/2021 reporting year.

There were no significant detected forest health events in the 2020/2021 reporting year.

Participants review FLNRORD'S Aerial Overview Survey (AOS) data each year. While spruce beetle remains a concern in the southwest corner of the TSA, AOS data has not identified areas of high level of attack, mostly trace and low, which can be considered endemic. Canfor also conducted one flight in this area and did not note any significant areas of attack. Participants are also monitoring a cluster in the north central part of the TSA, though this was also identified as trace and low severity from the AOS data.

Of interest, BCTS, Canfor and LP jointly acquired an Enhanced Forest Inventory (EFI) for the entire FSJ TSA THLB in 2021. As part of that contract, change detection monitoring for fire and insect attack will be completed bi-annually in 2021 and this is an additional tool available for the participants to detect forest health events. As the detection did not occur during the reporting period, data from this tool will be reported out in the 2021 reporting year.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

[19] New indicator in 2010- previous # 49 in SFMP # 1 was Harvest Systems which has been deleted

3.50 COORDINATION[20]

Indicator Statement	Target Statement
Percentages of SFMP's and FOS's jointly prepared by the Participants.	100% of all SFMP's and FOS's will be jointly prepared by the Participants.
SFM Objective: Maintain viable timber processing facilities in the DFA	
Linkage to *FSJPPR*: For the purposes of Section 42 of the *FSJPPR* this indicator statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the Timber Harvesting Landscape Level Strategy.	

Acceptable Variance:

May exclude new Participants that join the Pilot Project and can be assigned blocks from an existing plan, or Participants that are not required to complete a plan (e.g. timber supply licence (TSL) holders).

CURRENT STATUS AND COMMENTS

FOS amendments continue to be coordinated through a mutual notification protocol. The participants were consistent in following the established amendment procedures, pertaining to ensuring that all participants are aware of, or are involved in, amendments to the FOS.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

[20] The indicator was made a legal indicator in SFMP#2 to emphasize the commitment to coordinated planning by the Participants

3.51 AAC PARTITION – DECIDUOUS PLANNING

Indicator Statement	Target Statement
The volume of deciduous species that has been identified in planned cutblocks in the FOS within the Core partition area.	The Core area will have a maximum of 56% of the total planned deciduous harvest volume identified in the Fort St John TSA area.
SFM Objective:	
Linkage to *FSJPPR*:	

3.51A AAC PARTITION – DECIDUOUS PERFORMANCE

Indicator Statement	Target Statement
The volume of deciduous species (measured using planning stage block volume data), that has been harvested by the Participants within the Core partition area since May 10, 2018.	On a 3 year rolling basis, deciduous harvest in the Core area will not exceed an average of 512,000 m^3 annually.
SFM Objective:	
Linkage to *FSJPPR*:	

Acceptable Variance:

Acceptable variance to the annual partition target is 20% in any reporting year, with an acceptable variance of 10% to the 3 year rolling target. Variances account for: reduction in block volume from WTP's, revisions to Old Seral Retention, other retention, VRI inaccuracies, harvest deferrals necessary to address public, First Nation or stakeholder concerns. – This variance gives us flexibility to meet the target with planned blocks in light of the uncertainties inherent in the VRI and harvest scheduling.

If FSJ sawmill mill is down for greater than six months, conifer blocks contributing deciduous volume will not be tallied. (Incidental deciduous volume within planned conifer blocks will not be tallied because the conifer blocks will not be harvested.)

If the harvest planning indicator is not achieved, the Participants have one year to amend the FOS to get it back into compliance.

BCTS volume is considered harvested once the volume has been sold.

CURRENT STATUS AND COMMENTS

The AAC partition was identified May 10, 2018. Harvesting conducted after that date is expected to conform to the non-legal partition. Following is a summary of the Participants' planned harvest opportunities by geographic area and harvest performance in the 2018-19 reporting year.

Table 22: FOS Proposed Deciduous Harvest Geographic Distribution

Geographic Area	Total Deciduous Volume (m^3)	Mgmt. Unit Proportion of Total TSA Deciduous Volume	AAC Partition Total Harvest Proportion Target
Core	2,217,808	**59%**	<56.1%
Periphery	1,541,072	41%	>43.9%
FSJ TSA	3,758,880	100%	

The proportion of planned deciduous harvest is within the allowable variance of 10% for this indicator.

Table 23 shows the amount of deciduous harvesting by reporting year that occurred in the DFA since the partition came into effect.

Table 23: FOS Completed Deciduous Harvest Geographic Distribution

Reporting Period			
	2018 - 2019	**2019-2020**	**2020 - 2021**
Managing Participant	**Core Deciduous Harvest Volume (m^3)**	**Core Deciduous Harvest Volume (m^3)**	**Core Deciduous Harvest Volume (m^3)**
Canfor	174,539	56,620	109,264
BCTS	55,798	106,066	75,882
LP	67,343	0	0
Total (max. target =512,000m^3/yr)	**297,680**	**162,686**	**185,147**

The total amount of deciduous harvested during the first three years of the partition were below the limit for the core area.

In August 2019, Louisiana Pacific Canada indefinitely shut down the Peace Valley OSB plant. It should be noted that much of this volume was planned and permitted prior to the announcement of the TSR AAC partition.

LP announced the restart of PVOSB in early 2021. Going forward, future deciduous harvest scheduling will be planned individually by Canfor, LP and BCTS for their respective deciduous tenures (Canfor will no longer conduct deciduous planning, harvest and reforestation activities on behalf of LP).

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.52 AAC Partition – Conifer Planning

Indicator Statement	Target Statement
The volume of conifer species that has been identified in planned cutblocks in the FOS within the Core partition area.	A) In the Core area non spruce conifer species will comprise, a minimum of 50% of the total planned conifer harvest volume. B) The Core area will have a maximum of 56% of the total planned conifer harvest volume identified in the Fort St John TSA area.
SFM Objective:	
Linkage to *FSJPPR*:	

3.52A AAC Partition – Conifer Harvest Performance

Indicator Statement	Target Statement
The volume of conifer species (measured using planning stage block volume data), that has been harvested by the Participants within the Core partition area since May 10, 2018.	On a three year rolling average: A) Conifer harvest in the Core area will not exceed an average of 672,000 m^3 annually. B) In the Core area non spruce conifer species will comprise, a minimum of 50% of the total conifer volume harvested by the Participants.
SFM Objective:	
Linkage to *FSJPPR*:	

Acceptable Variance:

Acceptable variance to the annual partition target is 20% in any reporting year, with an acceptable variance of 10% to the 3 year rolling target. Variances account for: reduction in block volume from WTP's, revisions to Old Seral Retention, other retention, VRI inaccuracies, harvest deferrals necessary to address public, First Nation or stakeholder concerns. – This variance gives us flexibility to meet the target with planned blocks in light of the uncertainties inherent in the VRI and harvest scheduling.

If PVOSB mill is down for greater than six months, deciduous blocks contributing conifer volume will not be tallied. (Incidental coniferous volume within planned deciduous blocks will not be tallied because the deciduous blocks will not be harvested.)

If the harvest planning indicator is not met, the Participants have one year to amend the FOS to get it back into compliance.

BCTS monitoring, volume is considered harvested once the volume has been sold.

This indicator is to be reviewed after the next Timber Supply Review (TSR) to ensure continued relevance to the new TSR.

CURRENT STATUS AND COMMENTS

The AAC partition was identified May 10, 2018. Harvesting conducted after that date is expected to conform to the non-legal partition. Following is a summary of the Participants' planned harvest opportunities by geographic area and harvest performance as of spring 2021:

Table 24: FOS Proposed Conifer Harvest Geographic Distribution

	Conifer Volume in Unharvested FOS Blocks						
Geographic Area	**Spruce Volume (m^3)**	**Non Sx Conifer Volume (m^3)**	**Total Conifer volume (m^3)**	**Spruce Proportion of Total Mgmt. Unit Conifer Volume**	**Partition Area Proportion of Total TSA Conifer Volume**	**Core Target Spruce Proportion**	**TSA Total Harvest Target Proportion**
Core	2,845,682	1,665,257	4,510,939	63%	57%	<50.1%	<56%
Periphery	2,527,478	893,175	3,420,653	37%	43%	N/A	>44%
FSJ TSA	5,373,160	2,558,432	7,931,592	100%	100%	N/A	N/A

The participants were within the variance for conifer volume planned in the Core, however, are not meeting the target or variance for spruce in these planned blocks. Therefore, the participants did not meet this indicator for the report period.

Table 25: FOS Completed Conifer Harvest Geographic Distribution

	Reporting Period					
	2018 - 2019		**2019 - 2020**		**2020 - 2021**	
Managing Participant	**Core Total Conifer Harvest Volume (m^3)**	**Core Spruce Harvest Volume (m^3) & Proportion of Total Core Conifer Harvest (%)**	**Core Total Conifer Harvest Volume (m^3)**	**Core Spruce Harvest Volume (m^3) & Proportion of Total Core Conifer Harvest (%)**	**Core Total Conifer Harvest Volume (m^3)**	**Core Spruce Harvest Volume (m^3) & Proportion of Total Core Conifer Harvest (%)**
Canfor	496,280	372,529 (75%)	233,536	142,024 (61%)	607,843	379,680 (62%)
BCTS	272,560	148,568 (55%)	346,350	226,822 (65%)	197,824	150,042 (76%)
LP	26,676	16,315 (61%)	0	0	0	0
Total (max. target is 672,000m^3/yr)	**795,517**	**537,866 (68%)**	**579,886**	**368,845 (64%)**	**805,667**	**529,722 (66%)**

The volume of conifer harvested in the first three years of the partition was within the variances allowed for conifer volume harvested in the core area (10% overall and 20% in any individual year). The total conifer volume harvested in the core area for the first three years was 2.18 million m^3. The overall % of spruce in the core was 66% which is over the target of 50% and over the allowed variance (at 55%). It should be noted that much of this volume was planned and permitted prior to the announcement of the TSR AAC partition. The Participants are making

efforts to bring more pine salvage into their operational plans, especially in the core area. As the participants did not meet the spruce % target for the reporting year, the target was not achieved.

Target Achieved		
Yes	✓	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.53 CUT CONTROL

Indicator Statement	Target Statement
Percentage of total Allowable Annual Cut (AAC) charged to licencee tenure holders or BCTS Participants during the term of the SFMP.	Jan 1 2016- Dec 31 2021: Industry Participants: -Not to exceed 110% of the combined cumulative coniferous AAC for the 6-year period. -Not to exceed 110% of the combined cumulative deciduous AAC for the 6-year period. BCTS Participant: -Not to exceed 110% of the combined cumulative coniferous commitment offered for sale for the 6-year period. -Not to exceed 110% of the combined cumulative deciduous commitment offered for sale for the 6-year period.
SFM Objective: No decrease in the Long Term Harvest Level (LTHL) in the Defined Forest Area (DFA).	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
None, however, the actual volume permissible to be harvested may be adjusted through time if additional licences are awarded to Participants to address past undercuts, or changes made by the Chief Forester to the approved AAC for the TSA.

CURRENT STATUS AND COMMENTS
Table 26, Table 27and Table 28 identify the volume harvested by the Participants during the monitoring period established for this indicator.

Table 26: Licencee Conifer Licence AAC

Licence	AAC (m^3)	Planning Period Cumulative Volume AAC (m^3)	Volume Harvested (m^3) by Year						Total Volume Harvested (m^3)
			2016	2017	2018	2019	2020	2021	
Canfor A18154	394,952	2,369,712	488,560	764,245	275,920	348,525	566,490		**2,443,740**
DZ A56771	150,000	900,000	175,712	0	226,995	35,342	30,736		**468,785**
CRL A59959*	70,000	70,000	59,223	Exp	Exp	Exp	Exp		**59,223**
Tembec A60972	83,494	500,964	54,890	59,510	169,100	93,041	18,777		**395,318**
Total	**698,446**	**3,840,676**	778,385	823,755	707,801	588,701	616,003	0	**3,514,645**
Maximum Cumulative AAC (m^3)			**4,224,744**						

** A59599 expired in 2016. The cumulative AAC has taken this into account*
Maximum cumulative AAC = 110% of cumulative AAC

Table 27: Licencee Deciduous Licence AAC

Licence	AAC (m^3)	Planning Period Cumulative Volume AAC (m^3)	Volume Harvested (m^3) by Year						Total Volume Harvested (m^3)
			2016	2017	2018	2019	2020	2021	
LP A60049	193,000	965,000	334,534	155,573	205,630	21,742	0	Exp	**717,479**
PVOSB A85946	150,000	750,000	-1,789	347,312	341,997	90,604	0	Exp	**778,124**
Canfor / LP PA 12 & 20*	500,000	3,000,000	29,771	12,935	150,888	0	0		**193,594**
Total	**843,000**	**4,715,000**	362,516	515,820	698,515	112,346	0	0	**1,689,197**
Maximum Cumulative AAC (m^3)			**5,186,500**						
**In 2013 PA 12 was subdivided creating PA 20. Combined AAC of the 2 PAs remains unchanged at 500,000 m^3. Volume is based on deliveries to the three facilities in the DFA.*									
Maximum cumulative AAC = 110% of cumulative AAC									

Table 26 and Table 27 reflect adjusted volumes found in the most recent cut control statements. Annual adjustments can occur in each licence. Therefore, volumes reported in the annual report may not reflect previous annual reports.

Table 28: BCTS Volume Allotment

Species	AAC (m^3)	Planning Period 6-year cumulative volume commitment offered for sale (m^3)	Volume Offered for Sale by Calendar Year (m^3)						Total Volume Offered (m^3)
			2016	2017	2018	2019	2020	2021	
Conifer	372,059	2,232,354	443,210	293,742	524,095	598,016	402,379		2,261,442
Deciduous	180,000	1,080,000	60,245	92,486	215,761	0	0		368,492
Maximum cumulative coniferous AAC			**2,455,589**						
Maximum cumulative deciduous AAC			**1,188,000**						
Maximum cumulative AAC = 110% of cumulative AAC									

The annual BCTS coniferous allotment for 2020/21 was 372,059 m^3. Between April 1st, 2020 and March 31st, 2021, BCTS offered 402,379 m^3 (108%) of the annual allocation. Of the 402,379 m^3 offered, 19 TSL's with a volume of 386,820 m^3 was sold.

The annual BCTS deciduous allotment in 2020/21 was 180,000m^3. Between April 1st, 2020 and March 31st, 2021, BCTS offered 0 m^3 (0%) of the annual allocation. Indefinite closure of the OSB plant thwarted the sales schedule for deciduous and no deciduous volume was offered for sale.

2020 represented the 5th year of this 6-year cumulative cut review period, which concludes December 31, 2021.

Although the cut to date for A18154 is above the 6-year cumulative AAC, it is within the 10% variance. The reason for this is that the cut control period for this indicator does not align with the legal cut control period for each licence. In this case the legal cut control period for A18154 ended in 2017 and a new 5-year period started in 2018. To date of this annual report, the participants' activities are consistent with the indicator and target.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.54 DOLLARS SPENT LOCALLY ON EACH WOODLANDS PHASE

Indicator Statement	Target Statement
Percentage of dollars spent locally on each woodlands phase in proportion to total expenditures.	Woodlands Phases to be monitored: Logging/hauling: minimum of 80%. Road construction/maintenance: minimum of 80%. Silviculture: minimum of 5%. Planning and administration: minimum of 50%.
SFM Objective: Diverse local forest employment opportunities exist in the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

A 10% variance to the minimum target (e.g. logging/hauling 10% lower than 80%= 72% of costs) is required for each identified woodlands phase, as the dollars to be spent fluctuate annually, depending on the amount of harvesting completed that year.

CURRENT STATUS AND COMMENTS

Table 29 outlines local expenditures by woodlands phase, and performance of the participants relative to the targets for this reporting period.

Table 29: Dollars Spent Locally by Woodlands Phase – 2020

Combined BCTS, Canfor and LP Phases	Total Dollars Spend ($)	Total Dollars Spent Locally ($)	Percentage of Dollars Spent Locally (%)	Indicator Target Percent (%)
Logging and hauling	55,531,064.33	52,304,932.36	94%	80%
Road construction and maintenance	5,907,690.29	5,560,014.64	94%	80%
Silviculture	6,174,949.89	1,334,332.80	22%	5%
Planning and administration	10,876,728.67	8,329,740.58	77%	50%
Total	**75,675,238.61**	**67,529,020.37**	**89%**	

All four phases met the minimum targets for dollars spent locally. Approximately 89% of all expenditures were made locally.

Target Achieved	
✓ **Yes**	**No**

REVISIONS:

There are no proposed revisions to the indicator statement or target at this time.

3.55 DIRECT AND INDIRECT EMPLOYMENT

Indicator Statement	Target Statement
Level of direct and indirect employment.	Report the current level of direct and indirect employment expressed as a factor of harvest level times employment multiplier.
SFM Objective: Diverse local forest employment opportunities exist in the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
None

CURRENT STATUS AND COMMENTS
2020 harvest level (based on cut control report in Indicator 53) = 1,008,382 m^3 deciduous and coniferous combined (D= 0 m^3 C=1,008,382 m^3)

During the reporting period, Participants reported a total of 228 full-time equivalent positions (BCTS= 12, LP=28, Canfor =188). This is still low from previous years due to the indefinite curtailment in August of 2019 at LP Peace Valley OSB. A summary of the current level of direct and indirect employment are expressed as a factor of the harvest level in Table 30.

Table 30: Fort St. John TSA Employment Summary

Direct employment	Indirect and induced employment	Direct employment/ 1000 m^3 harvested	Indirect employment/ 1000 m^3 harvested	Total employment/ 1000 m^3 harvested
228	100	0.23	0.10	0.33

*Employment multiplier is set at 1.44, a median number based on the 2002 Fort St John Timber Supply Analysis' suggested range (employment multiplier is not updated in TSR 3' analysis report).

Target Achieved	
✓ **Yes**	**No**

REVISIONS
This indicator will be removed from the SFMP, and this will be the last year it is reported on. It was previously included as a requirement under the CSA matrix, and no longer required. Updated employment coefficients from government have not been kept current.

3.56 MAINTENANCE OF WILDLIFE AND FISHERIES HABITAT VALUES

Indicator Statement	Target Statement
Conformance to the SFMP indicators and targets pertinent to the maintenance of wildlife and fisheries habitat.	Participants will conform to the identified SFMP indicators and targets pertinent to the maintenance of wildlife and fisheries habitat.
SFM Objective: Recognition of Treaty 8 rights and respect of aboriginal rights through maintenance of landscape level biodiversity.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

Variances provided in the specific indicators will apply.

CURRENT STATUS AND COMMENTS

The following indicators are pertinent to the maintenance of wildlife and fisheries habitat and used to measure the effectiveness of the Participants habitat management practices:

Ecosystem and Species Diversity Indicators supporting hunting and trapping opportunities:

- 6.1 Forest Types
- 6.2 Seral Stages
- 6.3 Patch Sizes
- 6.5 Snags/Cavity Sites
- 6.6 Coarse Woody Debris Volume
- 6.7 Riparian Reserves
- 6.8 Shrubs
- 6.9 Wildlife Tree Patches
- 6.11 Species at Risk Stand Level Management Guidelines
- 6.22 Riparian Corridors

Water Quality and Quantity Indicators supporting fishing opportunities:

- 6.34 Peak Flow Index
- 6.35 Water Quality Concern Rating
- 6.36 Protection of Streambanks and Riparian Values on Small Streams
- 6.37 Spills Entering Waterbodies

In addition, Indicator 6.5 Snags/Cavity Sites, Indicator 6.6 Coarse Woody Debris Volume and Indicator 6.22 River Corridors contribute to furbearer management, ensuring furbearer habitat and travel corridors are protected at the stand and landscape levels.

Participants refer SFMPs, FOSs and PMPs to affected First Nations for review and comment on how the plans may impact the First Nations' ability to practice the Treaty rights to hunt, fish and trap. In many cases, First Nations are not able to provide site-specific comment regarding the impact of these plans on their ability to practice their treaty rights.

Where site-specific comments are provided, Participants may be able to mitigate the impact of planned activities on treaty rights by modification of planned activities. In situations where no site-specific comments are provided, it is felt that the positive management of the indicators pertinent to the practice of treaty rights will result in continued opportunities for First Nations to practice treaty rights to hunt, fish, and trap.

Currently, the Participants are working on identifying additional connectivity corridors to better protect the connectivity of habitats for big game species, furbearers, fish and other wildlife species. Once identified, the connectivity corridors will be spatially defined on FOS maps.

During the period of April 1, 2020 to March 31, 2021 the Participants were in conformance to 14 of the 14 related indicators.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.57 NUMBER OF KNOWN VALUES AND USES ADDRESSED IN OPERATIONAL PLANNING

Indicator Statement	Target Statement
Percentage of known traditional site-specific aboriginal values and uses identified that are addressed in operational plans.	100% of known traditional site-specific aboriginal values and uses identified will be addressed in operational plans.
SFM Objective: Respect known traditional aboriginal forest values and uses.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
None

CURRENT STATUS AND COMMENTS
Between April 1, 2020 and March 31, 2021, opportunity for First Nations to provide information on site-specific values to the participants was available through the formal processes of Notice of Intent to Treat (NIT) communications, the FOS amendment info-sharing process as well as other formal or informal communication. Assessments by professional archaeologists are another method used by the participants to gather information on site-specific First Nations' values.

Canfor has assessed blocks based off their updated decision matrix for brushing activity treatments which has resulted in Canfor reducing their herbicide usage significantly in preference for using manual brushing. For this reporting period, Canfor has performed or has scheduled manual brushing for majority of the blocks that were put forth in the 2020 NIT. Canfor received comments from First Nation bands regarding the identification of site-specific values in response to the 2020 NIT. Canfor flew blocks proposed for herbicide treatment with two First Nations bands where concerns addressed during this consultation resulted in several blocks being dropped from herbicide treatment. A request to protect the integrity of moose habitat values on numerous blocks was implemented that included an enlarged buffer extending from the standing timber boundary maintained as an edge effect to allow for species such as willow, alder and red-osier dogwood as well as aspen and cottonwood species established within this area to continue to provide browse opportunities for moose.

Of the 82 Canfor blocks that were permitted, Canfor provided mitigation tables for all 82 blocks to address First Nations concerns.

Canfor completed 1 Archaeological Overview Assessment (AOA) which identified 107 areas of potential (AOP). From the AOA process, 46 Archaeological Impact Assessments (AIA) were completed. One new Archaeological site was identified from the AIAs and several of the AOPs were verified as having no arch potential. The arch site was removed from the harvest area. All AOPs not tested were either removed from the harvest area, placed in a machine free zone, or harvested under frozen conditions, in line with recommendations from the AIA. Due to a longer than usual wait time to have permits approved by the government Arch Branch, Preliminary Field Reconnaissance (PFR) were conducted which identified another 61 AOPs.

Canfor also participated in multiple field visits with Doig River First Nations and Halfway River First Nations to gain better understanding of the traditional site-specific Aboriginal values, and as a result, multiple changes were made to blocks.

BCTS received one comment from First Nations in response to the 2020 Notice of Intent to Treat referral process. A First Nations requested a 30 meter no treatment buffer be added around the treatment area boundaries. No block specific comments were received.

Of the 31 BCTS blocks harvested during the reporting period, 31 had commitments made through the Harvest Authorization process to address First Nations concerns. BCTS upheld 97.3% of these commitments. The commitments that were not upheld were related to insufficient roadside screening in two blocks.

During the reporting period April 1, 2020 to March 31, 2021, BCTS commissioned one hundred and fifty-two (152) archaeological overview assessments (AOA) which identified one hundred and nine (109) cut blocks that would require a preliminary field reconnaissance (PFR). Of the one hundred and nine (109) cut blocks identified as requiring a PFR, sixty-three cut blocks were reviewed in the field. Eighty-nine (89) areas of potential (AOP) were identified. One (1) cut block had the archaeological impact assessment (AIA) completed that was previously started the year prior. Existing known archeological sites were protected in a Wildlife Tree Patch (WTP) or delineated from the harvest area. For the other areas of potential, BCTS has committed to harvest these areas in frozen ground conditions or suitable deep snowpack. Also, no roads are to be constructed within 20m of these identified areas.

LP had no SLPs written during the reporting period and had no commitments made to FN in operational plans during the reporting period.

Since less than 100% of known traditional site-specific values and uses identified were addressed in operational plans, this indicator was not met for the reporting period. BCTS will be reviewing the errors made in upholding commitments in the operational plans that were reported as not met and coming up with an action plan to support improvement in this area.

Target Achieved	
Yes	✓ **No**

REVISIONS

No revisions to the target or indicator suggested, however some clarity on wording for this indicator defining what constitutes a “known traditional site specific aboriginal value” is required. In the approved SFMP it is suggested this is more or less an arch or traditional use site, but the Participants have been reporting out on all site specific commitments made for First Nations.

3.58 REGULATORY PUBLIC REVIEW AND COMMENT PROCESSES

Indicator Statement	Target Statement
Compliance with the public review and comment process identified in the FSJ Pilot Project Regulation.	100% compliance with the public review and comment processes identified in the FSJ Pilot Project Regulation.
SFM Objective: To facilitate a satisfactory public participation process.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
No variances, unless authorized by the Regional Executive Director (MFLNRORD) or his designate.

CURRENT STATUS AND COMMENTS
During the reporting period, there were five cases where the Participants were required to follow the formal Public Review and Comment Process identified in the *Fort St. John Pilot Project Regulation.*

The Licencee Participants initiated separate public reviews regarding amendments to the Forest Operations Schedule. The review and comment period for FOS amendment # 391 was between March 5, 2020 and May 4, 2020. The review and comment period for FOS amendment #399 was between August 28, 2020 and October 28, 2020. The review and comment period for FOS amendment #404 was between December 17, 2020 and March 5, 2021.The amendment proposals were advertised in the Alaska Highway News as well as on FSJ Now!, in a form acceptable to the District Manager of the Ministry of Forests, Lands, and Natural Resource Operations.

During the reporting period Canfor conducted two public reviews regarding audits. The results of both audits were presented to the Public Advisory Group as per the SFMP. The Forest Management System internal audit occurred in June 2020. The Sustainable Forest Initiative (SFI) external audit occurred in July 2020.

The Participants are consistent with the target for the Public Review and Comment requirements set out in the *Fort St. John Pilot Project Regulation.*

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.59 TERMS OF REFERENCE (TOR) FOR PUBLIC PARTICIPATION PROCESSES

Indicator Statement	Target Statement
Current Terms of Reference (TOR) for the *FSJPPR* public participation process.	Biennial review of the TOR for the *FSJPPR* public participation process (PAG).
SFM Objective: To facilitate a satisfactory public participation process.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

The TOR will be reviewed at some point every second year (in even years). Due to the timing of meetings, the TOR review may not be in the same month each year.

CURRENT STATUS AND COMMENTS

The Public Advisory Group and the Pilot Participants conducted their biennial review of the Terms of Reference during the October 15, 2020 PAG meeting.

The PAG approved an updated TOR on April 16, 2020. The complete Terms of Reference is located on the pilot project website (http://fsjpilotproject.com). The next review is scheduled for the spring meeting of 2022.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.60 PUBLIC INQUIRIES

Indicator Statement	Target Statement
The percentage of timely responses to Public Inquiries.	Respond to 100% of public inquiries regarding Participants' forestry practices, that are additional to the Pilot Public Review and Comment processes, within one month of receipt.
SFM Objective: To facilitate a satisfactory public participation process. Relevant information used in decision making process is provided to PAG, general public and affected parties.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

Responses will be provided to all inquiries, provided contact information is provided so that the Participants can reach the person making the inquiry.

CURRENT STATUS AND COMMENTS

The participants received 17 public inquiries during the reporting period. The nature of the inquiries and a general summary of response for each follows below.

During the 2020-2021 reporting period Canfor received the following inquiries:

- 12 inquiries from trapline tenure holders were received.
- 2 inquiries from range tenure holders were received.
- 2 inquiries from guide outfitters were received.
- 1 inquiry from the general public was received.

In all the instances, Canfor responded to the inquiry as soon as possible and always within one month of receipt.

During the annual report period BCTS did not receive any inquiries.

All inquiries received by the participants during the reporting period were responded to within one month of the receipt; therefore, the participants are in conformance with this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time. Note that inquiries related to the FOS, SFMP, or PMP received during established review and comment periods fall under indicator 58 (Section 3.58 of this document), and not measured here.

3.61 EDUCATIONAL OUTREACH

Indicator Statement	Target Statement
Number of people to whom information, presentations or field trips provided annually.	Minimum of 40 people provided information, presentations or field trips.
SFM Objective: Develop improved public understanding of SFM.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
None

CURRENT STATUS AND COMMENTS

The Covid-19 pandemic made in-person outreach events more challenging than in previous years. However, there were still two information sessions attended by participants. Unfortunately, it could not be confirmed that the minimum forty people received outreach information.

On September 20, 2020, Canfor employees participated in the Fort St. John Kick off to Forestry Week Event by setting up a booth at Fish Creek Community Forest to pass out forestry fact sheets, puzzles, colouring sheets and Canfor swag. No firm attendance numbers were tallied for this event.

In October 2020, Canfor employees acted as field workshop leaders in the 2020 Council of Forest Industries (COFI) and School District 60 (SD60) event, by way of reviewing silviculture, compassing and other forestry activities with twelve high school students.

BCTS did not engage in educational outreach activities between April 1, 2020 and March 31, 2021 due to COVID-19 restrictions.

Target Achieved	
Yes	✓ **No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.62 BRUSHING PROGRAM AERIAL HERBICIDE USE

Indicator Statement	Target Statement
The number of hectares removed annually from the participants' aerial herbicide plans based on input from First Nations or the public and final treatment layout.	The participants will report annually, the number of hectares removed from the participants' aerial herbicide plans based on input from First Nations or the public and final treatment layout.
SFM Objective: Involve First Nations in review of forest management plans, provide understanding of forest management plans.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
None.

CURRENT STATUS AND COMMENTS

In 2020, BCTS had originally proposed to aerially herbicide 80.1 ha as a vegetation management treatment. Based on input received from First Nations, the public and final treatment layout conducted by the participants, the actual aerial herbicide program was reduced to 38.3 ha treated. This reflects that 53% of the total area originally planned for treatment was removed from the final treatment area.

In 2020, Canfor had originally proposed to aerially herbicide 1551.4 ha as a vegetation management treatment. Based on input received from First Nations, the public and final treatment layout conducted by the participants, the actual aerial herbicide program was reduced to a total of 424.0 ha treated. This reflects that 72.7% of the total area originally planned for treatment was removed from the final treatment area.

Table 31: Herbicide Area Removal

Number of Hectares Removed Annually from Plan			
Participant	**Notification of Intent to Treat (NIT) (ha)**	**Remaining Area Post-Input from First Nation and Public and Final Layout (ha)**	**Final Treatment Area Reported (ha)**
BCTS	80.1	38.3	38.3
Canfor	1551.4	424.0	424.0
Participants Total	**1,631.5**	**462.3**	**462.3**

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.63 WORKER TRAINING

Indicator Statement	Target Statement
Percentage of managing participants' employees training that is consistent with training plans.	100% of managing participants' employees will have training consistent with training plans.
SFM Objective: Development of skilled workers.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
The acceptable variance is 10%. Employees having achieved a minimum of 90% of their training requirements will be considered, as being consistent with their training plans provided there is an action plan in place to complete outstanding training requirements. Action plans to rectify the training deficiencies are to be developed prior to completion of the SFMP annual report.

CURRENT STATUS AND COMMENTS
For the purposes of the 2020-2021 annual report, it was found that 36 out of 36 (100%) Canfor woodland employee records were within the 90% tolerance. Due to the Covid-19 pandemic, face-to-face training opportunities were delayed and, in some instances such as driver training, competency assessments were used to bridge the gap until the training could take place. Occupational First Aid was administered offsite with Covid-19 protocols in place, with a smaller class and only Canadian Forest Products employees whenever possible.

For the purposes of the 2020-2021 annual reporting period, it was found that 13 out of 13 (100%) BCTS staff completed or maintained greater than 90% of their training requirements. It should be noted that over half the staff could not complete the mandatory Occupational First Aid Level 1 training as the previous 3-year certification had expire. Due to the Covid-19 pandemic, face-to-face training opportunities were not available so this certification or recertification could not be completed.

Canfor and BCTS are in conformance with the target of this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
This indicator will be removed from the SFMP, and this will be the last year it is reported on. It was previously included as a requirement under the CSA matrix, and no longer required. Participants' safety certifications covers this aspect.

3.64 PAG SATISFACTION SURVEYS

Indicator Statement	Target Statement
Level of satisfaction with the public participation process as measured by PAG surveys.	At least an 80% (average score of 4 out of 5) satisfaction level as measured from PAG surveys.
SFM Objective: Develop satisfaction with the public participation process.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
The acceptable variance is 10%. An average satisfaction level less than 80% will result in follow-up discussions with the PAG to identify opportunities for improving the level of satisfaction with the public participation process.

CURRENT STATUS AND COMMENTS
Members of the Public Advisory Group and PAG advisors were invited to complete an anonymous survey regarding satisfaction with the public participation process. Although only 2 members responded, the results indicated a favourable 90% average score. The satisfaction survey continues to provide insight into areas for future improvement.
The participants are in conformance with the target of this indicator.

Target Achieved	
✓ **Yes**	**No**

REVISIONS
There are no proposed revisions to the indicator statement or target at this time.

3.65 AVAILABILITY OF INFORMATION ON ISSUES OF CONCERN

Indicator Statement	Target Statement
SFM monitoring report made available to the public.	SFM monitoring report made available to public annually.
SFM Objective: Develop improved public understanding of SFM.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

- No variance.

CURRENT STATUS AND COMMENTS

The 2019/20 SFM Annual Report was posted to the Fort St. John Pilot project website and to the Canfor external website, for access to the public. Copies of the 2019/20 SFM Annual Report were also provided to the Fort St. John Public Advisory Group and the MFLNRORD. A hard copy can also be found at the Fort St. John public library.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.66 DELETION TO FOREST AREA

Indicator Statement	Target Statement
Percentage of the gross crown forest landbase in the DFA converted to non-forest land use through forest management activities of the participants during the term of SFMP# 3.	Less than 0.6% of the gross crown forest landbase in the DFA will be converted to non-forest land use through forest management activities of the participants during the term of SFMP# 3.
SFM Objective: Sustain forest lands within the participant's control within the DFA.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

Additional +0.2%. The acceptable variance of +0.2% is required to provide the Participants flexibility to exceed the 0.6% target in the event that additional permanent road construction is needed to address unforeseen catastrophic forest disturbance events such as wildfires, insect or disease outbreaks, etc.

CURRENT STATUS AND COMMENTS

The Timber Supply Review for the Fort St John Timber Supply Area was completed in May, 2018. The TSR determined that the total area of the Fort St John is 4,676,602 hectares. Of the total TSA area, about 2,791,340 hectares (58 percent) is classified as productive Crown forest land base (CFLB).

Since the implementation of forest management activities under SFMP #3, the participants have constructed a total of 750.1 kilometers of new roads as identified in Table 32. The Participants assumed an average disturbance width of 20 meters in calculation of area disturbed due to permanent access construction. The 750.1 kilometers of roads equate to 1500.20 ha or 0.054% of the crown forest land base disturbed by the Participants up to and including March 31, 2021. Therefore, the Participants are in conformance with this indicator.

Table 32: Road Area Constructed by Managing Participants since 2018 under SFMP # 3

	2018 (m)	2019 (m)	2020 (m)	Total (m)	Total (ha)
BCTS	67175	57973	133834	258982	250.3
Canfor	251723	100970	138424	491117	705.4
Total	**318898**	**158943**	**272258**	**750099**	**1500.20**

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.67 RARE ECOSYSTEMS

Indicator Statement	Target Statement
Percentage of the area of rare ecosystem groups reserved from harvest.	100% of the area of rare ecosystem groups will be reserved from harvest.
SFM Objective: Maintain the diversity and pattern of communities and ecosystems within a natural range.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

10% of the total rare ecosystem group forest area may be harvested, where required to construct safe access or in situations where less overall environmental disturbance is created by building access through the rare ecosystem group versus building access to avoid the rare ecosystem group. Based on assessments completed by professionals, those sites deemed poor representations of the rare ecosystem group may be harvested.

CURRENT STATUS AND COMMENTS

Monitoring of management performance under this indicator will begin with cut blocks harvested after April 1, 2015.

For blocks with a harvest completion date between April 1, 2020 and March 31, 2021, the participants had the following results:

Canfor had three blocks with potential rare eco identified in a geographic information system (GIS) query. These three blocks were assessed in the field, and areas of rare eco were found not to exist within the harvest area.

BCTS had 4 blocks and 2 roads identified with potential rare ecotypes. The 4 blocks and 1 road were assessed, and no rare ecotypes were found. The second road is an existing road and therefore no rare ecotype could be assessed.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.68 EFFECTIVE COMMUNICATION – NON-TIMBER RESOURCES

Indicator Statement	Target Statement
Evidence of communication and consideration of non-timber resources into forest management planning.	100% of non-timber resource values, identified through communication, have been responded to and considered and may be accommodated in forest management plans.
SFM Objective: Ongoing communication and meaningful engagement with stakeholders regarding non-timber forest benefits.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:

Variances are permissible only on reaching mutual agreement between the affected stakeholder and Participant.

CURRENT STATUS AND COMMENTS

During the reporting period between April 1, 2020 and March 31, 2021, Forest Operation Schedule (FOS) amendments 391, 399 and 404 were jointly prepared by Canfor and BCTS. During FOS amendment 391, 48 stakeholders were sent information packages requesting review and comment. There were 36 trapline tenure holders contacted, 5 guide outfitters contacted, and 7 range tenure holders contacted. These information packages resulted in 2 phone conversations with trapline tenure holders. In addition, an advertisement describing the proposed amendment was printed in the Alaska Highway news on March 5, 2020 and March 12, 2020.

During FOS amendment 399, 138 stakeholders were sent information packages requesting review and comment of the proposed amendment. There were 111 trapline tenure holders contacted, 17 range tenure holders contacted, and 10 guide outfitters contacted. The information packages resulted in an email exchange with 1 guide outfitter tenure holder. In addition, an advertisement describing the proposed amendment was printed in the Alaska Highway News on August 27th, 2020 and September 3rd, 2020.

During FOS amendment 404, 9 stakeholders were sent information packages requesting review and comment of the proposed amendment. There were 3 trapline tenure holders contacted, 4 range tenure holders contacted, and 2 guide outfitters contacted. The information packages resulted in an email exchange with 1 range tenure holder. In addition, an advertisement describing the proposed amendment was printed in the Alaska Highway News on December 17th, 2020 and December 24th, 2020.

Canfor:

During the annual reporting period between April 1, 2020 to March 31, 2021, Canfor responded to, considered, and/or accommodated 8 inquiries and requests from stakeholders.
Notification and Intent to Treat Brushing/Silviculture activities were info-shared with 81 affected stakeholders.

BCTS:

Notification and Intent to Treat was shared with 6 trapline tenure holders during the annual reporting period.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.69 EFFECTIVE COMMUNICATION – ABORIGINAL COMMUNITIES

Indicator Statement	Target Statement
Evidence of ongoing communication with Aboriginal communities and consideration of information gained.	100% of information on aboriginal titles and rights, identified through on-going communication with Aboriginal communities, has been responded to and considered and may be accommodated in forest management planning.
SFM Objective: Ongoing communication and meaningful engagement with First Nations.	
Linkage to *FSJPPR*: N/A	

Acceptable Variance:
No acceptable variance.

CURRENT STATUS AND COMMENTS
During the reporting period between April 1st, 2020 and March 31st, 2021, Forest Operations Schedule (FOS) 391, 399 and 404 were jointly prepared by Canfor and BCTS.

During the review and comment period of FOS amendment 391, the managing participants sent out a total of 27 requests for comment to 9 First Nations. This resulted in responses from 4 First Nations, 3 phone meetings and 1 in-person meeting. In addition, an advertisement describing the proposed amendment was printed in the Alaska Highway news on March 5, 2020 and March 12, 2020.

During the review and comment period of FOS amendment 399, the managing participants sent out a total of 27 requests for comment to 9 First Nations. This resulted in responses from 5 First Nations and 2 virtual meetings. Numerous commitments were made to address comments received. In addition, an advertisement describing the proposed amendment was printed in the Alaska Highway News on August 27th, 2020 and September 3rd, 2020.

During the review and comment period of FOS amendment 404, the managing participants sent out a total of 21 requests for comment to 7 First Nations. This resulted in responses from 3 First Nations. No changes were made as no changes were requested. In addition, an advertisement describing the proposed amendment was printed in the Alaska Highway News on December 17th, 2020 and December 24th, 2020.

Canfor:
Canfor initiated bi-annual meetings with Treaty 8 First Nations to facilitate better info sharing and communication of Canfor's field layout operations and harvesting activities. Canfor met with 4 First Nations in the fall of 2020. First Nations' concerns and comments were considered and/or incorporated into future plans.

Notification and Intent to Treat Brushing/Silviculture activities were info-shared with 6 affected First Nations

BCTS:
Notification and Intent to Treat Brushing/Silviculture activities were info-shared with 5 First Nations during the reporting period between April 1st, 2020 and March 31st, 2021. One comment was received.
BCTS contacted 8 First Nation groups with sale schedule notifications and BCTS had 3 meetings to discuss concerns.

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

3.70 RESIDUAL FIBRE UTILIZATION

Indicator Statement	Target Statement
The volume of residual fibre that is being utilized for products other than lumber and oriented strand board production.	Report out annually on the volume of residual fibre utilized by facilities in the production of commodities other than lumber and oriented strand board.
SFM Objective:	
Linkage to *FSJPPR*:	

Acceptable Variance:
No variance.

Current Status and Comments
The chip and pulp log demand continued to be dynamic and difficult to predict, due partly to the market uncertainty brought on by the Covid-19 pandemic, but also to the close integration of sawmills and pulp mills in BC and impacts that shutdowns have on fibre demands. Canfor did supply round log volume to the Taylor Pulp mill, in addition to the regular chip transfers. The volume of logs supplied to Taylor Pulp that originated from the DFA during the reporting period was 74,442 m^3.

Residual fibre produced by sawmills, essentially non-lumber products, includes bark ('hog'), sawmill chips, planer chips, and sawdust. At the Canfor Fort St. John plant, all these residuals are all utilized, with the majority of the products directed one of the following ways:

- used on-site for conversion to heat energy to dry lumber,
- transferred to the CENLP[21] plant for pellet production,
- transferred to the Taylor Pulp mill or other pulp mills,
- sold to 3rd party businesses for use in oil/gas reclamation programs.

The following table shows the mass in Oven-dried Tonnes (ODT) of material directed to Taylor Pulp, the Fort St. John Pellet plant, and for heat-generation on site.

Table 33 Oven-dried Tonnes (ODT) of Material

Residual	Mass (ODT)
Pulp fibre (sawmill chips)	114, 701
Pellet stock (planer chips/sawdust/hog)	88,972
Energy plant stock (sawdust/hog)	45,993

Canfor has and continues to seek expressions of interest from other potential users of the residual fibre generated from timber harvesting and saw milling activities.

LP did not have any residual fibre to utilize during the reporting period, as the PVOSB plant was not in production.

[21] Canfor Energy North Limited Partnership

Target Achieved	
✓ **Yes**	**No**

REVISIONS

There are no proposed revisions to the indicator statement or target at this time.

4. SUMMARY OF ACCESS MANAGEMENT

Table 34 represents a summary of access construction activities by participant:

Table 34: Summary of Participants' Road and Bridge Construction Activities

Steward	Bridge Construction	New Construction or Subgrade (meters)	Reconstructed or Reactivated (meters)	Surfacing (meters)	Grand Total (meters)
BCTS	0	133,834	0	0	133,834
Cameron River	0	0	0	0	0
Canfor Fort St. John	14	137,207	17,734	14,342	169,283
L.P.	0	0	0	0	0
Chetwynd Mechanical Pulp	0	0	0	0	0
Dunne Za	0	0	0	0	0
Grand Total	**14**	**271,041**	**17,734**	**14,342**	**303,117**

The Licencee Participants and BC Timber Sales access management activities for the period April 1, 2020 to March 31, 2021 are detailed in **Appendix 3 – Access Management**.

5. SUMMARY OF TIMBER HARVESTING

Table 35: Summary of Timber Volume Harvested by Licence in 2020-2021

Participant/Licence	Conifer Licence Volume Harvested (m^3)	Deciduous Licence Volume Harvested (m^3)
Canfor - A18154	474,372	0
DZ - A56771	52,996	0
MPMC - A60972	11,054	0
LP - A60049	0	0
PVOSB - A85946	0	0
LP - PA 20	0	0
Canfor - PA 12	0	0
BCTS	264,579	0
Total	**803,002**	**0**

Table 36 Summary of Harvested Area by Licence in 2020-2021

Participant/Licence	Gross Area (ha)	Merch Area (ha)
Canfor - A18154	2424.3	1891.4
DZ - A56771	183.2	153.2
MPMC - A60972	66.8	53.1
LP - A60049	0	0
PVOSB - A85946	0	0
LP - PA 20	0	0
Canfor - PA 12	0	0
BCTS	1599.1	1270.9
Total	**5,045.8**	**4,105.2**

6. SUMMARY OF BASIC FOREST MANAGEMENT (REFORESTATION)

A summary of the reforestation activities carried out by all participants is included in a variety of Tables within **Appendix 4 - Reforestation.** BCTS results are shown separately from other Licencee results.

Mixedwood Management

The commitment for the term of SFMP #3 regarding intimate mixtures of conifer and deciduous is to manage intimate mixtures on ten percent of the harvested mixedwood land base as operational trials.

BCTS

SFMP #1 – Licencees holding BCTS tenures harvested 5,966 ha of forested lands over the time of SFMP #1. Of this area, 2,708 ha was from stands classified by the percentage of net merchantable volume by species as being either conifer leading or deciduous leading mixtures (CD or DC). This equated to an amount of 270.8 ha of harvested area as a minimum commitment to manage towards intimate mixtures. At the end of SFMP #1, BCTS has designated a total of 282.2 ha as intimate mixtures, which is 10.4% of the mixedwood allocation area. This demonstrates achievement of the ten percent target over the term of the SFMP #1 by BCTS.

SFMP #2 – Licencees holding BCTS tenures harvested 15,224.3 ha of forested lands since the start of SFMP #2 to the end of the 2017 annual reporting period. Of this area, 2284.4 ha was from stands classified by the percentage of net merchantable volume by species as being either conifer leading or deciduous leading mixtures (CD or DC). This equates to an amount of 228 ha of harvested area as a minimum commitment to manage towards intimate mixtures. Currently BCTS has designated a total of 445.5 ha as intimate mixtures, which is 19% of the mixedwood allocation area. This demonstrates that BCTS is currently managing 9% (or 217.5 ha) above the 10% target over the term of the SFMP.

Licencee Participants

SFMP #1-Licencees harvested 55,079 ha of forested lands over the period of SFMP #1. Of this area, 10,884.3 ha was from stands classified by the percentage of net merchantable volume by species as being either conifer leading or deciduous leading mixtures (CD or DC). This equates to an amount of 1088.4 ha of harvested area as a minimum commitment to manage towards intimate mixtures. Currently participants have designated a total of 1312.5 ha as intimate mixtures, which is 12.05% of the mixedwood allocation area. This demonstrates that the licencee tenures are currently 2.05% (or 224.1 ha) above the 10% target over the term of the SFMP.

SFMP #2 – Licencees harvested 29,396.8 ha of forested lands since the start of SFMP #2 to the end of the 2017 annual reporting period. Of this area, 12,646.4 ha was from stands classified by the percentage of net merchantable volume by species as being either conifer leading or deciduous leading mixtures (CD or DC). This equates to an amount of 1264 ha of harvested area as a minimum commitment to manage towards intimate mixtures. Currently participants have designated a total of 1775.6 ha as intimate mixtures, which is 14% of the mixedwood allocation area. This demonstrates that the licencee tenures are currently 4% (or 511.6 ha) above the 10% target over the term of the SFMP.

7. INCREMENTAL FOREST MANAGEMENT (STAND TENDING)

There were no stand tending activities carried out between April 1, 2020 and March 31, 2021 by the Participants.

8. SUMMARY OF ANY VARIANCES GIVEN

There were no variances given or received between April 1, 2020 and March 31, 2021.

9. COMPLIANCE

9.1. CONTRAVENTIONS REPORTED

The licencee participants reported 1 contravention between April 1st, 2020 and March 31st, 2021 to government agencies (MFLNRORD).

Licencee participants received no notification of non-compliances by government agencies (MFLNRORD) between April 1st, 2020 and March 31st, 2021.

BCTS reported 0 contraventions between April 1st, 2020 and March 31st, 2021.

BCTS received 0 notifications of non-compliances by government agencies (MFLNRORD) between April 1st, 2020 and March 31st, 2021.

A description of the contraventions reported can be found in **Appendix 5 – Compliance.**

9.2. COMPLIANCE AND ENFORCEMENT MEASURES IMPOSED BY THE GOVERNMENT UNDER PART 6 OF THE ACT

There were no compliance and enforcement penalties imposed or measures taken on licencee participants by the government under Part 6 of the Forest Practices Code of B.C. Act for activities completed between April 1st, 2020 and March 31st, 2021.

There were no compliance and enforcement penalties imposed or measures taken on BCTS by the government under Part 6 of the Forest Practices Code of B.C. Act between April 1st, 2020 and March 31st, 2021.

10. AMENDMENTS TO FDP'S OR FOREST OPERATIONS SCHEDULE

Table 37 is a summary of amendments for which notice was not required to be published, that were made from April 1, 2020 to March 31, 2021.

Table 37: Summary of FOS Amendments with No Publication Requirement (April 1, 2020 – March 31, 2021)

Plan	Licence	Amendment ID	Date	Block / Road	Amendment Description	MOF Notified of Change
FOS	Canfor	394	April 2, 2020	S36028, S36027, S36123, S36-028-03 rd	S36028 and S36027 combined into S36028. S36028 split into S36028 and 36123. S36-028-03 outside 200m of FOS proposed road but still within 200m of info-shared boundaries of S36028/	April 2, 2020
FOS	Canfor	395	April 9, 2020	10069, 10098, 10355	Block 10069 and 10098 combined into 10069. Block 10069 split into 10069 and 10355	April 9, 2020
FOS	Canfor	396	April 21, 2020	Access road into 24372	Alternate road used to access 24372 and 24373, still within 200m of info-shared boundaries of 24372 and 24373	April 21, 2020
FOS	Canfor	397	April 28, 2020	10040, 10136,10137, 10138, 10139, 10140, 10141, 10142, 10352, 10353, 10384	Block 10040 split into 10040, 10136, 10137, 10138, 10139, 10140, 10141, 10142, 10352, 10353, 10384	April 28, 2020
FOS	Canfor	398	May 8, 2020	14023, 14132	Block 14023 split into 14023 and 14132	May 8, 2020
FOS	Canfor	400	June 26, 2020	24373	Allocation of block 24373 changed from A60972 to A18154	June 26, 2020
FOS	Canfor	401	Aug 12, 2020	10119, 10132, 10225, 10266, 10361	Blocks 10119, 10132, 10225 10266 to be managed under A56771. Block 10266 split into 10266 and 10361	Aug 12, 2020
FOS	Canfor	402	Aug 10, 2020	09152, 09166, 09167, 09163, 09181, 09191, 09194, 09195, 09196	Block 09166 split into 09166, 09194, 09195, 09196. Blocks 09152, 09166, 09167, 09163, 09181, 09191, 09194, 09195, 09196 to be managed under A56771	Aug 10, 2020
FOS	Canfor	403	Sept 1, 2020	05169, 05181, 05192, 05193, 05194, 10056, 10055, 10069, 10100, 10268, 10146, 19121, 19330, 19124, 19154, 19155	Block 19121 split into 19121 and 19330. Block 19124 split into 19124, 19154 and 19155. Blocks 05169, 05181, 05192, 05193, 05194, 10056, 10055, 10069,	Sept 1, 2020

					10100, 10268, 10146 to be managed under A56771	
FOS	Canfor	405	Nov 9, 2020	08082, 08107, 08083, 08108, 08084, 08109	Block 08082 split into 08082 and 08107. Block 08083 split into 08083 and 08108. Block 08084 split into 08084 and 08109.	Nov 9, 2020

Table 38 is a summary of major amendments made from April 1, 2020 to March 31, 2021 that went through the formal public review process.

Table 38: Summary of FOS Amendments with Publication Requirement (April 1 2020 – March 31, 2021)

Plan	Licence	Amendment ID	Date	Block / Road	Amendment Description	MOF Notifed of Change
FOS	BCTS/ Canfor	391	June 4, 2020	Major amendment containing 51 blocks and 24 roads		November 18, 2019
FOS	BCTS/ Canfor	399	Sept 4, 2020	Volume addition amendment containing 356 blocks and 228 roads over 15 operating areas. Changes to 5 blocks and 2 roads.		January 29, 2021
FOS	BCTS/ Canfor	404	December 17, 2020	Addition of 9 blocks in the Graham River Operating Area Changes to 7 blocks and 6 roads		April 15, 2021

11. LANDSCAPE LEVEL STRATEGY IMPLEMENTATION

The landscape level strategies (LLS) provide the strategic direction to the Participants' plans and operations.

The *Fort St. John Pilot Project Regulation* (*FSJPPR*) specifies the regulatory content of the SFMP. A sustainable forest management plan at a minimum must include landscape level strategies for all the following:

- timber harvesting,
- road access management,
- patch size, seral stage distribution and adjacency,
- riparian management,
- visual quality management,
- forest health management, and
- range and forage management.

The SFMP #3 also includes a Landscape Level Reforestation Strategy and a Soil Management strategy.

The *FSJPPR* also requires the Participants to ensure that each strategy contained in the plan specifies the performance indicators for evaluating whether the strategy has been successfully

implemented. The participants will regularly review each of these indicators for appropriateness and evaluate performance and progress towards the associated targets.

A summary of these reviews and any proposals for change will be reported in the SFMP annual reports. The targets will be managed within the continuous improvement process as described in section 3.4 of SFMP #3[22].

Table 39 offers a summary of the Landscape Level Strategies and related performance indicators, as identified in the Amendment 1 of SFMP#3 document and replaces Table 8 of the original SFMP#3. The amendment was approved by government April 19, 2021.

Table 39: Landscape Level Strategies and Related Performance Indicators (effective April 1, 2020)

SFMP #3 Landscape Level Strategy	Performance Indicators		
	Affecting Part 3 Division 5 of the *FSJPPR* (Indicator #)[23]	For Evaluation of LLS - Sec 42 of *FSJPPR* (Indicator #)[24]	Additional - not for regulatory approval (Indicator #)
Timber Harvesting	N/A	18,19, 20, 21, 50, 51,52, 51a[25],52a	27, 48, 53, 70
Road Access Management	24	24, 45	40
Riparian Management	7, 22	7, 22, 34, 36	
Range and Forage Management	N/A	10, 42	41
Patch Size, Seral Stage Distribution and Adjacency	6, 9	2, 3, 6, 9	
Forest Health Management	N/A	1, 2, 3, 13, 25, 49	26
Reforestation	13, 29	13, 28, 29, 30	14
Soil	N/A	4	
Visual Quality Management	44	44	

The following section contains a summary of the degree to which the Participants achieved the indicators linked to each of the Landscape Level Strategies:

11.54 TIMBER HARVESTING STRATEGY

Harvesting Strategy #1: Timber harvesting within the Crying Girl LU and the portion of the Graham LU that falls within the Graham River valley will be based on sequential clustered development. Operational harvest activities will be concentrated in one 'cluster' during a harvesting season to minimize costs, and to minimize the extent of industrial disturbance to wildlife. The total extent of allowable harvesting area will be consistent with the Graham Resource Integrated Management Plan (GRIRMP) harvest schedule. Exceptions to this that

[22] Section 3.4 "Continuous Improvement" on page 51 of SFMP #3.
[23] Includes indicators related to both Sec35(5) and Sec35(6)of *FSJPPR*
[24] Indicators 2 (Seral Stage) and 3 (Patch Size) are Performance Indicators for both Strategy 4.5 and 4.6 from SFMP #3
[25] Indicators 51a and 52a added

may be required to address abnormal forest health and damaging events will be reviewed with the PAG and government agencies prior to conducting activities.

Indicator #18 - Graham Harvest Timing (Section 3.18): No harvesting occurred in the reporting period in the Graham. The participants were within the targeted number of clusters for harvest, and therefore in compliance with this indicator.

Indicator #19 - Graham Merchantable Area Harvested (Section 3.19): The first reporting period finished in April 2007. The total area harvested in the first reporting period was 3,516 ha, while the maximum allowable harvest for the period was 3,638 (which had been amended downward from 3,869 ha as a result of transferring block 11058 from cluster 4 to cluster 6, as noted in the 2005-2006 Annual Report). The second reporting period ended in April 2012. The third period concluded April 2017. The fourth period will conclude April 2022. Since the beginning of period 2 up until March 31, 2021, no harvesting has occurred in the Graham. The participants are therefore consistent with the indicator's targeted range.

Harvesting Strategy #2: The Forest Connectivity Corridors that are identified in the Graham River IRM Plan area provide substantial connectivity for wildlife throughout the Plan area. Operational plans will respect the long-term primary components of these connectivity corridors. To ensure consistency with the original objectives of the GRIRMP, government agencies will be consulted, and their agreement obtained prior to proposing harvesting activities in any portion of the permanent corridors.

Indicator #20 - Graham Connectivity (Section 3.20): No new harvesting occurred in the Graham in the 2020-2021 reporting period. The participants are in conformance to this indicator's target and allowable variance. GIS coverage is used as an overlay during the development or amendment of the FOS to ensure consistency of future blocks with this indicator.

Harvesting Strategy #3: Long term harvest plans will be prepared depicting the approximate location of blocks and roads, to address key wildlife and road access issues for one or more drainages within the Muskwa-Kechika Management Area (MKMA). These plans will be submitted to government and the public for review and comment prior to inclusion of any new proposed blocks in any FOS or similar plan.

Indicator #21 - MKMA Harvest (Section 3.21): Harvesting and associated road construction was previously completed in three grand parented blocks (20007, 20008, and 20060). No other activity has occurred in the MKMA, so the participants are consistent with the indicators related to this strategy. No harvesting occurred in the MKMA during the annual report period. Initial planning of an MKMA harvest plan commenced in 2006 but was suspended pending further advancement of LU Objective development. It is possible that the recent initiative to create a new Land Resource Management Plan (LRMP) for the Fort St. John TSA may have an impact on future LU Objectives for the MKMA. However, the LRMP process has been delayed indefinitely due to the court ruling in the case of Yahey vs. British Columbia.

Harvesting Strategy #4: Participants will plan harvesting activities in a manner that supports the maintenance of the current Allowable Annual Cut over the term of the SFMP, balancing economic considerations with the management assumptions included in the most current AAC determination rationale. Following the Timber Supply Review III for the Fort St. John TSA on May 10, 2018, two non-legal geographic/species partitions were identified. Harvesting conducted after that date is expected to conform to the partitions. Indicators 51 and 52 were revised, and new indicators 51a and 52a were added to fully reflect the partition requirements

and shall be grouped together for the purposes of this strategy. These changes were included in the approved amendment 1 to SFMP #3, and effective April 1, 2020.

Indicator #51 - AAC Partition – Deciduous Planning and Indicator #51a – AAC Partition - Deciduous Harvest Performance

The Participants remain in conformance for indicators 51 and 51a, which are assessed together. Deciduous harvest levels had been decreased during the period due to the temporary closure of PVOSB.

Indicator #52 - AAC Partition – Conifer Planning and Indicator #52a – AAC Partition - Conifer Harvest Performance

The participants did not meet the spruce % target for the reporting year, so the target for indicator 52a was not achieved.
The volume of conifer harvested in the first three years of the partition was within the variances allowed for conifer volume harvested in the core area (10% overall and 20% in any individual year). The total conifer volume harvested in the core area for the first three years was 2.18 million m^3. The overall % of spruce in the core was 66% which is over the target of 50% and over the allowed variance (at 55%). It should be noted that much of this volume was planned and permitted prior to the announcement of the TSR AAC partition. The participants are making efforts to increase the amount of pine in operational plans, especially in the core area. It should be noted that the outcome of the Yahey vs. BC case has introduced a great deal of uncertainty for harvest planning in much of the DFA, especially the core.

Harvesting Strategy #5: Support sustainable harvest levels by managing cut control levels and timber sale volumes sold that are consistent with the approved apportioned volumes within the TSA.

Indicator #53 - Cut Control (Section 3.53):
The last completed monitoring period identified for indicator 53 concluded on December 31, 2015, with the Participants in conformance. The current monitoring period is January 1, 2016 – Dec 31, 2021. The Participants remain in conformance with this indicator, and strategy.

Harvesting Strategy #6: Participants will coordinate the planning of forestry operations to achieve business efficiencies, facilitate analyses of cumulative forest management impacts in relation to SFMP strategies, and provide consolidated information sharing and consultation products to interested parties in a Forest Operations Schedule.

Indicator #50 - Coordination (Section 3.50): The participants completed and submitted a coordinated FOS in October 2017. The Participants continue to coordinate and collaborate on amendments to the FOS, and are in conformance with the target for this indicator, and with this strategy.

Harvesting Strategy #7: Identify suitable areas for summer and fall harvesting and maintain deliveries during this time period sufficient to meet processing plant fibre requirements, while meeting environmental objectives.

Indicator #48 - Summer/Winter volumes (Section 3.48): The total volumes delivered exceeded the minimum volumes required for conifer to meet the target. The minimum volume

was not met for deciduous due to the indefinitely closure of Peace Valley OSB. As the plant was closed, the Participants are in conformance with this indicator, as per the allowable variance. The Participants are in conformance with this strategy.

Harvesting Strategy #8: Even-aged silviculture systems such as clearcuts, or clearcuts with reserves, will be the predominant silviculture systems employed, as these systems most closely parallel the even aged forests that result from natural disturbance events in the TSA. Where other resource values are particularly high, small patch or strip cuts may be proposed to maintain non-timber resource values, while allowing for some timber utilization. Modified shelterwoods will be employed in deciduous logging to protect coniferous understory on an operational trial basis, consistent with the reforestation strategy.

Indicator #27 - Silviculture Systems (Section 3.27): The participants met the target for this indicator; during the reporting period, even aged silviculture systems were used exclusively.

Additional Indicator for Timber Harvesting Strategy:

A new indicator was amended in to the SFMP, effective April 1, 2020. Indicator #70 - Residual Fibre Utilization was included in the suite of indicators used to measure conformance to the overall Timber Harvesting Landscape Level Strategy. However, no new Harvesting Strategy was developed for this indicator to relate to.

Indicator #70 – Residual Fibre Utilization (Section 3.70): The participants met the requirement to report out on various ways that residual fibre was utilized during the Annual Report period.

Timber Harvesting Strategy Summary: The participants were in conformance with 8 of 9 legal indicators (89%), and 4 of 4 non legal indicators (100%) used to quantify conformance to the timber harvesting strategies. The participants are not in conformance with the Timber Harvesting Strategy.

11.55 ROAD ACCESS MANAGEMENT STRATEGY

Road Access Management Strategy #1: The percentage of permanent access structures may vary significantly within cutblocks, depending on block size, terrain, season, and the need to address other resource features. The revised field performance requirement, identified in the 2004 SFMP, will continue unchanged. Permanent Access Structure % will be assessed on a DFA-wide basis, rather than block-by-block, using three year rolling average measure expressed as a percent value. The value will be less than the original regulatory field performance requirement.

Indicator #24 - Permanent Access Structures (Section 3.24): Licencee participant's current permanent access structures area is at 4.5%, BCTS is at 2.9%, the participants combined PAS is 3.4%, therefore the participants are consistent with the target for this indicator.

Road Access Management Strategy #2: Forest industry road access in the Sikanni, Graham and Crying Girl LU's will be planned to maintain over time the primitive ROS class at 1996 levels, and maintain a component of semi-primitive non-motorized ROS classes.

Indicator #45 - Recreation Opportunity Spectrum (Section 3.45): As no logging occurred in this area since 2007, the current status remains consistent with the target range for this indicator. As well, projections of proposed roads and blocks from the FOS #3 indicate that harvest plans will allow future activities through 2021 to be consistent with achieving these targets.

Road Access Management Strategy #3: Participants will communicate and provide the opportunity for forest industry access management plans to be shared with the oil and gas sector through the Oil and Gas Commission. This includes providing critical forest industry road construction standards so that the forest industry road specifications can be linked with those of the oil and gas sector. Forest industry access plans encompassing all of the Participants' activities will be clearly identified within the Forest Operations Schedule (FOS). By making this information well known and easily available to the oil and gas sector, coordinated infrastructure developments within common operating areas can be implemented, thus eliminating duplicate entries and thereby reducing the amount of forest land converted to non-forest conditions and minimizing the negative impacts on other resources.

Indicator #40 - Coordinated Developments (Section 3.40) - The licencee participants proposed changes to 8 of the 98 referrals received, BCTS proposed changes to 4 of the 19 referrals received from Oil and Gas, to either coordinate development, or otherwise minimize impacts to the timber harvesting land base. The oil and gas company proponents agreed to implement many of these proposed changes. Participants noted that in many referrals oil and gas activities were already designed to reduce impacts to the timber harvesting land base. Licencee participants issued 243 Road use agreements to oil and gas companies.

Road Access Management Strategy Summary: The participants conformed to the two (100%) legal indicators, and 1 of 1 (100%) non legal indicators used to quantify conformance to the access management strategies.

11.56 RIPARIAN MANAGEMENT STRATEGY

Riparian Management Strategy #1: Forestry operations adjacent to fish bearing S1, S2 and S3 streams will minimize negative effects on water quality by maintaining regulatory riparian reserve zones that meet or exceed the minimum widths included in Schedule D of the *FSJPPR*.

Indicator #7 - Riparian Reserves (Section 3.7): This is an indicator of progress related to maintaining riparian reserves as proposed by this strategy. The participants were in conformance to the target for this indicator during the reporting period.

Riparian Management Strategy #2: Qualified personnel will conduct assessments of streams that do not have mandatory reserve zones. Site-specific management practices will be incorporated into SLP's to protect streambanks, stream channel stability, and riparian vegetation, water quality, and other riparian values.

Indicator #36 - Protection of Stream banks and Riparian Values on Small Streams (Section 3.36): During the 2020-2021 reporting period the participants had no instance of non-conformance to SLP riparian management measures. The participants were therefore in conformance with the target for this indicator during the reporting period.

Riparian Management Strategy #3: Plans developed for harvesting within the riparian corridors of major rivers will provide for a high level of forest retention for wildlife habitat, with new patch openings normally being one hectare or less in size within 100 metres of the rivers' Riparian Reserve Zone. A variety of silviculture systems can potentially be used to achieve this,

including clearcut with reserves and partial cutting systems, employing methods such as strip cuts or patch cuts.

Indicator #22 - River Corridors (Section 3.22):, During the reporting period, no block harvest or road construction activities were conducted in major river corridors by Canfor or BCTS. The participants' activities are therefore consistent with the target for this indicator.

Riparian Management Strategy #4: Excessive runoff at the watershed level, which can disturb stream channel integrity and adjacent habitats, will be managed by limiting the extent of harvesting within watersheds, as determined through peak flow index analyses

Indicator #34 - Peak Flow Index (Section 3.34): The participants are consistent with the target for this indicator. No non-conformances to this indicator were identified to have taken place during this reporting period.

As part of the preparation of Forest Operations Schedule #3, a DFA wide analysis of watersheds was conducted. The analysis determined the impact of FOS #3 to each watershed's peak flow index, by modelling both the impact of the participants' total proposed harvest and the projected growth of forest stands. The analysis showed that all watersheds (104 of 105, 99%) are within the target threshold for peak flow upon completion of all harvest activities proposed in FOS #3 in 2025.

Riparian Management Strategy Summary: The participants conformed to the target or acceptable variance for 4 of the 4 (100%) legal indicators used to quantify conformance to the riparian management strategy.

11.57 RANGE AND FORAGE MANAGEMENT STRATEGY

Range and Forage Management Strategy # 1: The Participants will ensure range improvements damaged as a result of Participants' activities are restored to their pre-harvest condition in a timely manner, or as otherwise agreed to between the range tenure holder and Participant.

Indicator #42 - Damage to Range Improvements (Section 3.42): In this reporting period, the participants repaired fence lines within one year of the incident. Consequently, the participants are consistent with the indicator's target.

Range and Forage Management Strategy # 2: The participants will implement measures for grass seeding activities to minimize the risk introduction or spread of invasive plants due to forest management activities.

Indicator #10 - Noxious Weed Content (Section 3.10): All reclamation seed broadcast by the licencee participants and BCTS licencees during the reporting period is certified as having 0% content of prohibited and primary noxious weeds, and known invasive weed species of concern, as identified in the Sustainable Forest Management Plan. The participants were consistent with the targeted range for this indicator.

Range and Forage Management Strategy #3: The Participants will endeavor to create and implement mutually agreed action plans (TRAPs) with range tenure holders that address forage and forest management overlap issues and other concerns, over the areas identified in the current Forest Operations Schedule.

Indicator #41 - Range Action Plans (Section 3.41): is the indicator which shows progress on this strategy. No Timber Range Action Plan (TRAP) was developed (signed) by the participants during the reporting period. Three mutually agreed upon action plans have been developed. Participants' operations were 100% consistent with the mutually agreed upon action plans for range during the reporting period.

Range and Forage Management Summary: The participants conformed to the target or acceptable variance for 2 of 2 legal indicators, and 1 of 1 (100%) non legal indicators used to quantify conformance to the range and forage management strategy.

11.58 PATCH SIZE, SERAL STAGE DISTRIBUTION AND ADJACENCY STRATEGY

The general strategy implemented in the SFMP is to approximate the pattern, distribution and structure of natural disturbance events (primarily fire), consistent with information provided by Delong (2002).

Seral Stage Distribution Strategy

The seral stage distribution strategy is summarized in **Indicator #2 - Seral Stage (Section 3.2)**, where targets and timelines for achieving late seral stages for deciduous leading and coniferous leading stands, by NDU are presented. Where harvesting is proposed in areas falling below thresholds, there are requirements to spatially identify recruitment areas in Forest Operations Schedule.

The seral stage analyses conducted in 2020 to identify the current condition of the indicator and to identify the future condition of the indicator, assuming all blocks in FOS #3 are harvested by 2025, identified that the Participants' activities are in conformance with the requirements of this indicator. To date of preparation of this report, a significant amount of FOS #2 blocks remain unharvested.

Patch Size Strategy

The patch size distribution targets for early and mature patches for the duration of the SFMP are outlined in **Indicator #3 - Patch Size (Section 3.3).** The patch size analyses conducted in 2020 to identify the current condition of the indicator and to identify the future condition of the indicator assuming all blocks in FOS #3 are harvested by 2025, Identified that the participants' activities are in conformance with the requirements of this indicator.

In FOS #3 harvesting is proposed in three of the of the ten NDU patch size combinations where the desired patch size distribution is not achieved by 2025. Of the three NDUs where harvesting is proposed, the patch targets are achieved in 8 of 9 (89%) of the relevant patch size NDU combinations. In the 1 NDU patch size combination where harvesting does not achieve the desired patch size distribution, it must be noted that a slight improvement over the baseline condition (2010 condition) is achieved. This demonstrates a trend to moving toward achieving the desired patch size distribution over the course of implementation of FOS #3. Participants are in conformance with the target of having 9/18 baseline targets for early patches. The results of the FOS #3 analysis showed 8/18 baseline targets met. The desired patch size distribution target is not achieved in 2025 in all 8 NDU patch size combinations where harvesting is not proposed. However, it is expected that natural disturbance may alter the actual distribution achieved in 2025.

Forest Structure and Adjacency

Indicators that measure the structure characteristics of natural disturbance patterns are Coarse Woody Debris and Wildlife Tree Patches.

Indicator #6 - Coarse Woody Debris (Section 3.6):

The current reporting period is December 1, 2016 - November 30, 2022. So far in this reporting period the CWD plots have shown 81 m^3/ha of CWD retained on harvested blocks. The participants are in conformance to this indicator.

Indicator #9 - Wildlife Tree Patches (Section 3.9):

Wildlife Tree Patches have cumulative targets by LU for harvesting initiated after November 15, 2001. The participants' activities are currently consistent with the targets for 6 of the 6 LU's that were harvested during the reporting period. No harvesting took place in the Milligan, Trutch, Sikanni, Graham, and Crying Girl LU's. The participants are in conformance with this indicator.

Adjacency

The strategies and indicators that deal with patch size, patch shape and seral stage distribution control both the amount and spatial distribution of the forested land base affected by forest management. The combined functions of managing for both early and mature patch sizes controls where harvesting can occur as well as what is left as intact mature forest over time. The seral stage indicator controls the amounts of the various age groups. The patch size indicators address both the size and shape of patches at the landscape level and over time. The CWD and Wildlife Tree Patch indicators provide structure within or adjacent to harvested areas. These processes manage the structural characteristics and the temporal and spatial distribution of forest patches such that a separate adjacency indicator strategy is not necessary.

Patch Size, Seral Stage Distribution, and Adjacency Strategy Summary: The participants conformed to the targets for 4 of 4 (100%) legal indicators used to quantify conformance to the patch size, seral stage distribution and adjacency strategy.

11.59 FOREST HEALTH MANAGEMENT STRATEGY

Forest Health Strategy #1: To minimize the potential of catastrophic forest health events, the participants will apply the principles of Integrated Forest Health Management in the planning and implementation of forestry activities.

Indicators, strategies and implementation details for maintaining ecological processes are included in indicators dealing with **Forest Types (Indicator #1, Section 3.1), Seral Stage (Indicator #2, Section 3.2), and Patch Size (Indicator #3, Section 3.3) and Salvage (Indicator #26, Section 3.26)**. The participants are in conformance with the target for each of these indicators.

Forest Health Strategy #2: The Participants will identify potential forest health issues within their silviculture obligation areas (harvested blocks) and prioritize those that may have a significant impact on forest resources. Within their silviculture obligation areas, the Participants will detect and monitor significant forest health agents in a timely manner, and, where potential impacts are significant, implement cost effective treatment controls where practical.

Indicator #25 - Forest Health (Section 3.25): The participants' activities were consistent with the targets for this indicator. Surveys conducted on obligation areas during the reporting period identified minor incidences of forest health damaging agents, primarily vegetation press, ungulate browse, and Cooley spruce gall adelgid, Western Gall Rust, Aspen Twig Blight, frost and hare browse.

Forest Health Strategy #3: Where practical, prioritize harvesting of conifer blocks to those areas that are most susceptible to prevalent significant and/or catastrophic forest health damaging agents.

Indicator #49 - Forest Health FOS Planning (Section 3.49): No significant forest health events were identified during the reporting year. The participants are in conformance with this indicator or the variance.

Forest Health Strategy #4: Reduce Forest Health Impacts from Climate Change
Where practical, manage for climate change by implementing standards specified in the Chief Foresters Standard for Seed Use (CFSSU).

Indicator #13 - Seed Use (Section 3.13): All seedlings planted by the participants were in compliance with the CFSSU**.** The participants are in conformance with this indicator.

Forest Health Strategy Summary: The participants' activities conformed to the target or acceptable variance for 6 of 6 (100%) legal indicators and 1 of 1 (100%) non legal indicators used to quantify conformance to the forest health strategy.

11.60 REFORESTATION STRATEGY

A) Discrete areas within cutblocks will be assigned an initial forest type designation (conifer, deciduous, or mixedwood). Applicable reforestation standards (coniferous, deciduous, or intimate mixedwood standard) that apply to each area will be tied to stocking standard ID's, which correspond to conifer, deciduous, or mixedwood stocking standards (i.e. declarations). These ID's will be submitted into the MFLNRORD tracking system (e.g. RESULTS - Reporting Silviculture Updates and Land Status Tracking System). Changes to stocking standard designations within cutblocks may occur prior to final assessment, and will be revised in RESULTS.

B) Timely establishment of new forests is important to support timber production objectives, and will be assessed based on the average length of time to establish trees on harvested sites.

C) Flexibility in the intensity of silviculture treatments will be used to enhance landscape level timber production, while allowing natural variability in stand development. This will be enabled by assessing reforestation success based on a cumulative 'landscape level' assessment of the area from each year's logging. Assessments will be completed separately for all deciduous and all coniferous declarations, based on a comparative measure of projected future volume production.

The strategy includes the following components:

1. Assigning Reforestation Standards to areas within cutblocks
2. Landscape Level Assessment of Reforestation
3. Stocking Standards and Crop Tree Requirements
4. Silviculture Performance Indicators

The Reforestation strategy has the following key features to:

- Set standards for reforestation to provide restocking of harvested areas.
- Provide a landscape level assessment of reforestation success for *coniferous and deciduous leading stands*, based on a comparative measure of future volume.
- Ensure that Professional Foresters will have professional accountability at the cut block level to vary regimes and provide for other values as they progress to a landscape level target for volume.
- Allow continuous improvement by providing feedback on landscape level reforestation success. Silviculture regimes and/or corrective action can be considered across the landscape and implemented in a cost-effective manner that considers all values being managed.

Traditionally, reforestation success has not been measured at a landscape level. This strategy extends beyond previous practices and provides an additional measure to assure adequate management and conservation.

This strategy applies to all area harvested after November 15, 2001, under the *FSJPPR*. Participants may elect to include areas harvested under prescription between 1987 and November 15, 2001. A statement of election to include areas must be made in writing to the District Manager.

The following 4 indicators measure performance to the overall reforestation strategy of the participants:

Indicator #13 - Coniferous Seed (Section 3.13): This indicator measures conformance to the Chief Foresters Standards for Seed Use. 100% of seedlings planted by the participants were in conformance with the Chief Foresters Standards for Seed Use. The participants are in compliance with the indicator.

Indicator #28 - Species Composition (Section 3.28): This indicator measures the progress participants make in retaining relative consistent species composition between pre and post-harvest operations on the landscape. The planted species percentages are within 20% of the cruise species percentages and therefore the participants are within the acceptable variance for this indicator and target.

Indicator #29 - Reforestation Assessment (Section 3.29): This indicator provides a landscape level assessment of reforestation success for *coniferous leading and deciduous leading stands*, based on a comparative measure of future volume. The participants are in compliance with this indicator.

Indicator #30 - Establishment Delay (Section 3.30): This indicator provides a broad view of the average amount of time being taken to confirm establishment of a new forest on conifer leading, deciduous leading and mixedwood harvested areas. BCTS and the licencee participants achieved the target for conifer, deciduous, and mixedwood. The participants are in compliance with this indicator.

Indicator #14 - Aspen Regeneration (Section 3.14): – ensures that reforestation of deciduous stands utilizes natural regeneration to ensure that the regenerated stand is genetically suitable for the site. The Participants are in conformance with this indicator.

Reforestation Strategy Summary: The participants conformed to 4 of the 4 legal indicator targets (100%) and 1 of 1 (100%) non legal indicators that measure conformance with the reforestation strategy.

11.61 SOIL MANAGEMENT STRATEGY

Soil Management Strategy #1: The Participants will implement measures that ensure operations are conducted in a manner that addresses the inherent sensitivity of a site to soil degrading processes.

Indicator #4 - Soil Disturbance (Section 3.4): This indicator measures whether detrimental soil disturbance occurred during harvesting or reforestation activities on cutblocks. There were no incidents of detrimental soil disturbance reported by the participants during the 2020-2021 reporting period.

Soil Management Strategy Summary: The participants conformed to 1 of the 1 (100%) of the legal indicators that measure conformance to the soil management strategy.

11.62 VISUAL QUALITY MANAGEMENT STRATEGY

Visual Quality Strategy #1: All forest operations carried out in scenic areas covered by an established visual quality objective (VQO) will be consistent with the objective, and in scenic areas without established VQO's all forest operations will be designed using appropriate visual design techniques to minimize visual impacts.

Indicator #44 - Visual Quality Objectives (Section 3.44): This indicator measures whether activities were consistent with VQO's during the reporting period and is used to quantify conformance to the visual quality management strategy. The participants (Canfor and BCTS) completed 4 of 4 required assessments during the reporting period. The completed assessments concluded that VQO's were achieved on all 4 blocks.

Visual Quality Management Strategy Summary: The participants did conform to the target or acceptable variance for the one (100%) legal indicator used to quantify conformance to the visual quality management strategy.

Appendix 1: Fort St. John LU's and RMZ's

Fort St. John Landscape Units (LU's) and Resource Management Zones (RMZ's)

Landscape Units (LU) are based on updated Biogeoclimatic Ecosystem Classification (BEC) mapping, ecosection boundaries, Natural Disturbance Units (NDU's) and important administrative boundaries such as the revised district boundaries and the strategic land use boundaries of the Muskwa-Kechika Management Area (MKMA). In the absence of an administrative boundary, resource features such as main stem rivers (midpoint) or height of land were used wherever possible to provide logical natural boundaries for each LU. These boundaries often encompass multiple watersheds in mountainous terrain, and reflect similar BEC units, ecosections and Natural Disturbance Units.

The current LU boundaries are consistent with strategic boundaries and their respective objectives at the LRMP Resource Management Zone (RMZ) level, and allow the administrative areas to be managed without overlapping LU boundaries and fragmenting objectives during implementation.

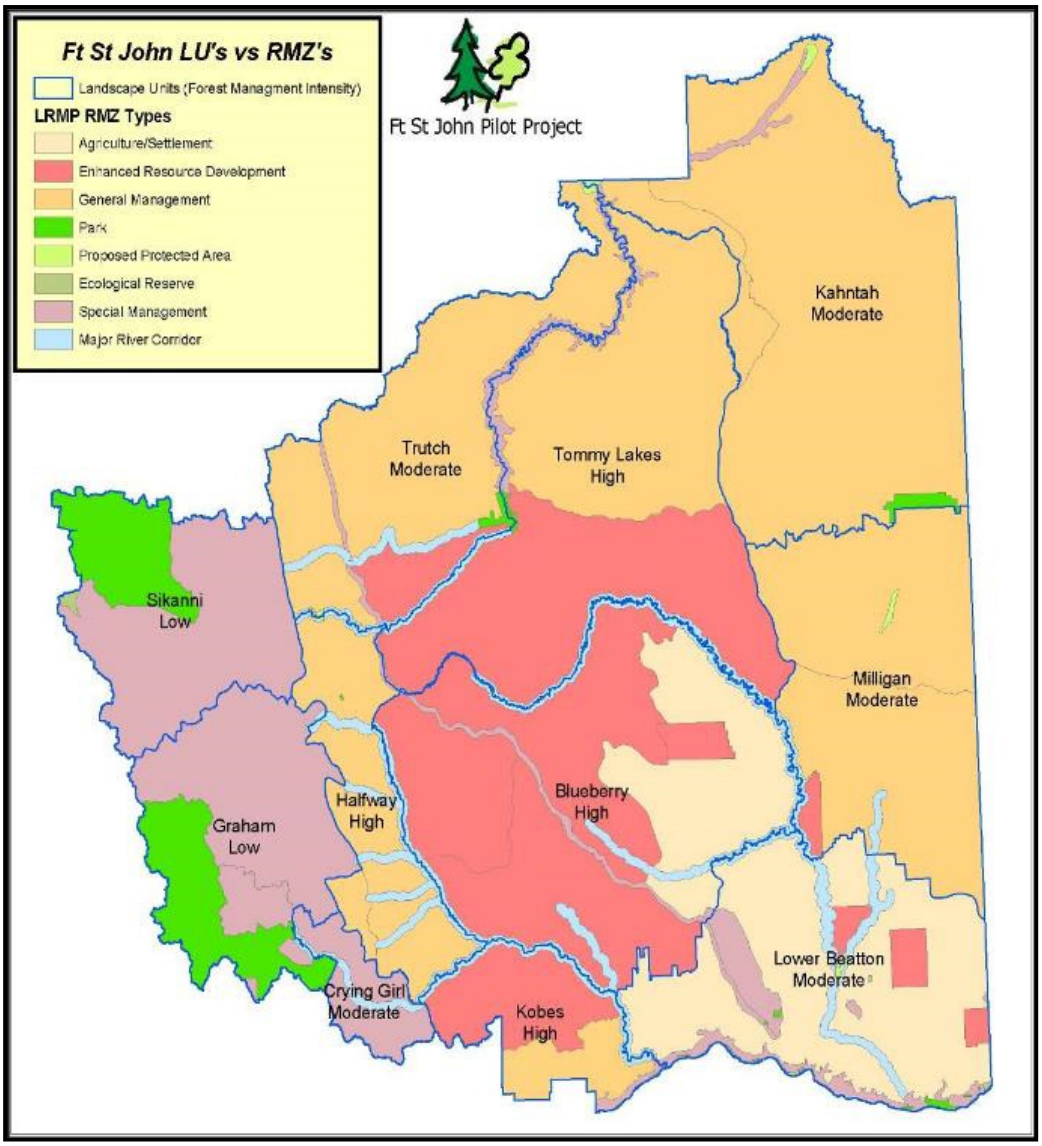

Figure 10: Fort St. John LU's and RMZ's

Appendix 2: CCFM Sustainable Forest Management Matrix

Table 40: 47.0 CCFM Matrix[26] Fort St. John Pilot Project SFM Matrix – Updated September 2021

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
CCFM Criterion 1 – Conservation of Biological Diversity						
Conserve biological diversity by maintaining integrity, function and diversity of living organisms and the complexes of which they are part, including ecological elements that contribute to cultural values						
Objective 4: Protection of Biological Diversity To maintain or advance the conservation of biological diversity at the stand and landscape level and across a diversity of habitats and successional stages including the conservation of forest plants and animals, aquatic species, threatened and endangered species, Forests with Exceptional Conservation Value, old-growth forests and ecologically important sites. **Objective 1. Forest Management Planning**	**Ecosystem Diversity**	**Maintain the diversity and pattern of communities and ecosystems within a natural range**	**Performance Measure 4.1** Certified Organizations shall conserve biological diversity. **Performance Measure 1.2** Certified Organizations shall not convert one forest cover type to another forest cover type unless an assessment has been conducted to determine ecological impacts and provide appropriate justification.	67 – Rare Ecosystems	Percentage of the area of rare ecosystem groups reserved from harvest	100% of the area of rare ecosystem groups will be reserved from harvest
				17 – Representative Examples of Ecosystems	Percentage of area of forest stands in an unmanaged condition, by leading species, by NDU	100% of baseline targets for forested stands in an unmanaged condition, by leading species, by NDU will be met
				1 – Forest Types	Percent distribution of forest type (deciduous, deciduous mixedwood, conifer mixedwood, conifer) >20 years old by landscape unit	All forest type groups by landscape unit will meet or exceed the minimum area percentage in table 9
				28 – Species Composition	Relative change in plantation composition versus harvest composition for spruce and pine	The relative proportion of spruce and pine planted annually will equal the proportions harvested annually (excluding fill planting)
				2 – Seral Stage	The minimum proportion (%) of late seral forest by NDU	The minimum proportion (%) of late seral forest by NDU as identified in table 11 will be met

[26] matrix number reflects the PAG meeting at which it was approved.
[27] CCFM – Canadian Council of Forest Ministers

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
To ensure forest management plans include long-term sustainable harvest levels and measures to avoid forest conversion or afforestation of ecologically important areas.				3 – Patch Size	Percent area by Patch Size Class (0-50, 51-100, and >100 ha) by NDU	A minimum of 9 of 18 of the baseline targets for early patches will be achieved during the term of this SFMP
				5 – Snags / cavity Sites	Number of snags and/or live trees (>23 cm dbh) per ha on prescribed areas	Retain annually an average of at least 6 snags and/or live trees (>23cm dbh) per hectare on prescribed areas
				9 – Wildlife Tree Patches	Cumulative Wildlife Tree Patch percentage in blocks harvested under the *FSJPPR* in each Landscape Unit	Cumulative Wildlife Tree Patch % will meet or exceed the minimum target in each LU (Blueberry 9%, Halfway 6%, Kahntah 5%, Kobes 8%, Lower Beatton 3%, Milligan 4%, Tommy Lakes 8%, Trutch 5%, Sikanni 4%, Graham 4%, Crying Girl 3%)
Objective 4: Protection of Biological Diversity To maintain or advance the conservation of biological diversity at the stand and landscape level and across a diversity of habitats and successional stages including the conservation of forest plants and animals, aquatic species, threatened and	**Species Richness**	- - **Suitable habitat elements for indicator species. Maintain habitats for species at risk**	**Performance Measure 4.2.** Certified Organizations shall protect threatened and endangered species, critically imperiled and imperiled species and natural communities (Forests with Exceptional Conservation Values) and old-growth forests. **Performance Measure 4.3.**	5 – Snags / Cavity Sites	See indicator # 5	
				6 – Coarse Woody Debris Volume	Average retention level of Coarse Woody Debris volume/ (m^3/ha) on blocks logged in the DFA between December 1, 2016 and November 30, 2022	Average retention level over the DFA will be at least 46 m^3/ha (50% of average pre-harvest volume) on harvested blocks assessed between December 1, 2016 and November 30, 2022
				7 – Riparian Reserves	The number of non-compliances to riparian reserve zone standards	No non-compliances to riparian reserve zone standards
				8 – Shrubs	The proportion of shrub habitat (%) by Landscape Unit	Each landscape unit will meet or exceed the baseline target (%)

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
endangered species, Forests with Exceptional Conservation Value, old-growth forests and ecologically important sites.		- -	Certified Organizations shall manage to protect ecologically important sites in a manner that takes into account their unique qualities.			proportion of shrub habitat
				9 – Wildlife Tree patches	See indicator # 9	
				11 – Species at Risk Stand Level Management Guidelines	The percentage of SLP's prepared annually for 'effected' cutblocks that incorporate one or more stand level species at risk management guidelines	100% of SLPs prepared annually for effected cutblocks will incorporate one or more species at risk management guidelines
				16 – Ungulate Winter Ranges, Wildlife Habitat Areas & MKMA	Proportion of activities consistent with the objectives of the Muskwa-Kechika Management Area (MKMA), and general wildlife measures for Ungulate Winter	All pilot Participant activities will be consistent with the objectives of the MKMA, and general wildlife measures for Ungulate Winter Ranges and Wildlife Habitat Areas
				17 – Representative Examples of Ecosystems	See indicator # 17	
Objective 2. Forest Health and Productivity To ensure long-term forest productivity, forest health and conservation of forest resources through prompt reforestation,			**Performance Measure 2.1. Certified** Organizations shall promptly reforest after final harvest.	10 – Invasive Plants / Noxious Weeds	The % prohibited and primary noxious weeds, and known invasive weed species of concern, in seed mix analysis	Seed mix analyses will have 0% content of prohibited and primary noxious weeds and known invasive plants, as identified in the most current publication of: "Listing of Invasive Plants", available from

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
afforestation, deploying integrated pest management strategies, minimized chemical use, soil conservation, and protecting forests from damaging agents.		- -				the Peace River Regional District
				13 – Coniferous Seeds	The percentage of seedlings and vegetative material used and planted in accordance with the Chief Forester's Standards for Seed Use (Nov.20, 2004) as amended from time to time	100% of seedlings and vegetative material will be used and planted in accordance with the Chief Forester's Standards for Seed Use (Nov.20, 2004), as amended from time to time
				14 – Aspen Regeneration	% natural regeneration of deciduous	100% natural regeneration for deciduous
Objective 2. Forest Health and Productivity To ensure long-term forest productivity, forest health and conservation of forest resources through prompt reforestation, afforestation, deploying integrated pest management strategies, minimized chemical use, soil conservation, and protecting forests from damaging agents.	**Genetic Diversity**	**Conserve genetic diversity of tree stock**	**Performance Measure 2.5.** Certified Organizations that deploy improved planting stock, including varietal seedlings, shall use best scientific methods.	13 – Coniferous Seeds	See indicator # 13	
				14 – Aspen Regeneration	See indicator # 14	

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
Objective 1. Forest Management Planning To ensure forest management plans include long-term sustainable harvest levels and measures to avoid forest conversion or afforestation of ecologically important areas. **Objective 4. Conservation of Biological Diversity** To maintain or advance the conservation of biological diversity at the stand- and landscape level and across a diversity of forest and vegetation cover types and successional stages including the conservation of forest plants and animals, aquatic species, threatened and endangered species, Forests with Exceptional Conservation Value, old-growth forests and ecologically important sites.	**Protect areas and Conservation Emphasis areas, for example Special Management Zones, Ecological Reserves, etc**	**To have representative areas of naturally occurring and important ecosystems and rare physical environments protected at both the broad and site-specific levels across or adjacent to the DFA.** **Management strategies address important values in SMZ areas**	**Performance Measure 1.1.** Certified Organizations shall ensure that forest management plans include long-term harvest levels that are sustainable and consistent with appropriate growth-and-yield models. **Performance Measure 4.3.** Certified Organizations shall manage to protect ecologically important sites in a manner that takes into account their unique qualities.	15 – Class A Parks, Ecological Reserves & LRMP Designated Protected Areas	Hectares of forestry related harvesting or road construction within Class A parks, protected areas, ecological reserves, or LRMP designated protected areas	Zero hectares of forestry related harvesting or road construction within Class A parks, protected areas, ecological reserves, or LRMP designated protected areas
				16 – Ungulate Winter Ranges, Wildlife Habitat Areas & MKMA	See indicator # 16	
				17 – Representative Examples of Ecosystems	See indicator # 17	
				18 – Graham Harvest Timing	The number of clusters in the Graham IRM Plan area where active operational harvesting is concurrently occurring	Operational harvesting within the Graham IRM Plan area will be constrained to no more than 1 'cluster' of cutblocks at any one time
				19 – Graham Merch Area	Cumulative merchantable area (hectares) within blocks harvested in the Graham IRM Plan area since 1997	The cumulative merchantable area (hectares) within harvested blocks will not exceed the planned maximum cumulative harvest areas, as measured at the end of each time period: Period 2 (April 2012): 6569 ha; Period 3 (April 2017): 9355 ha; Period # 4 (ending April 2022): 10,858 ha
				20 – Graham	Area (hectares)	Zero hectares harvested

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
				Connectivity	harvested in cutblocks in the Graham IRM area, within the permanent alluvial and non-productive/non-commercial components of the connectivity corridors	within cutblocks in the permanent alluvial and non-productive/non-commercial components of the connectivity corridors
				21 – MKMA harvest	The number of long term harvest plans within the MKMA completed and submitted to government	A minimum of one long-term harvest plan submitted no later than 1 year following government approval of a landscape unit objective under the MKMA Act, that applies to the Fort St. John TSA portion of the MKMA
Objective 8. Recognize and Respect Indigenous Peoples' Rights To recognize and respect Indigenous Peoples' rights and traditional knowledge				22 – River Corridors	The percentage of harvested areas that create openings greater than 1 hectare within 100 metres of RRZ's in identified major river corridors	No openings exceeding 1 hectare in blocks within the major river corridors harvested under the *FSJPPR* (i.e. after November 15, 2001)
Objective 6. Protection of Special Sites To manage lands that are geologically or culturally important in a manner that takes into account their			**Performance Measure 8.2.** Certified Organizations with forest management responsibilities on public lands shall confer with Indigenous Peoples whose rights may be affected by the	57 – Number of known Values and Uses addressed in Operational Planning	Percentage of known traditional site-specific aboriginal values and uses that are addressed in operational plans	100% of known traditional site-specific aboriginal values and uses identified will be addressed in operational plans

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
unique qualities.			Certified Organization's forest management practices. **Performance Measure 6.1.** Certified Organizations shall have a program to identify special sites and manage and protect them in a manner appropriate for their unique features.			

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
CCFM Criterion 2 – Maintenance and Enhancement of Forest Ecosystem Condition and Productivity						
Conserve forest ecosystem condition and productivity by maintaining the health, vitality, and rates of biological production.						
Objective 2. Forest Health and Productivity To ensure long-term forest productivity, forest health, carbon storage and conservation of forest resources through prompt reforestation, afforestation, minimized chemical use, soil conservation, and protecting forests from damaging agents.	**Ecosystem Resilience / Ecosystem Productivity**	**Maintain a natural range of variability in ecosystem function, composition and structure with allows ecosystems to recover from disturbance and stress. Ecosystem functions capable of supporting naturally occurring species exist within the range of natural variability.** **Maintain or enhance landscape level productivity.**	**Performance Measure 2.4.** Certified Organizations shall manage to protect forests from damaging agents, such as environmentally or economically undesirable levels of wildfire, pests,diseases, and invasive species, to maintain and improve long-term forest health, productivity, and economic viability. **Performance Measure 2.1.** Certified Organizations shall promptly reforest after final harvest.	25 – Forest Health	Percentage of silviculture obligation areas with significant detected forest health damaging agents which have treatment plans developed for them	100% of silviculture obligation areas with significant forest health damaging agents will have treatment plans developed for them, and initiated within 1 year of detection
				27 – Silviculture Systems	Percentage of area harvested annually using even aged silviculture systems	Even aged silviculture systems will be employed on at least 80% of the total area harvested annually in the DFA
				28 – Species Composition	See indicator 28	
				29 – Reforestation Assessment	Predicted Merchantable Volume (PMV) (cubic meters) coniferous and separate deciduous surveyed areas. See indicator #2	Predicted Merchantable Volume will meet or exceed the Target Merchantable Volume (TMV). The TMV is set at 95% of the Maximum Predicted Merchantable Volume attainable on coniferous areas. The TMV is set at 90% of the Maximum Predicted Merchantable Volume attainable on deciduous areas

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
				30 – Establishment Delay	Establishment Delay (years)	The area weighted average establishment delay for coniferous regeneration will not exceed two years. The area weighted average establishment delay for deciduous regeneration will not exceed three years. The area weighted average establishment delay for mixedwood stands regeneration will not exceed three years
Objective 2. Forest Health and Productivity To ensure long-term forest productivity, forest health and conservation of forest resources through prompt reforestation, afforestation, deploying integrated pest management strategies, minimized chemical use, soil conservation, and protecting forests from damaging agents.			**Performance Measure 2.3. Certified** Organizations shall implement practices that protect and maintain forest and soil productivity and soil health. **Performance Measure 2.4.** Certified Organizations shall manage to protect forests from damaging agents, such as environmentally or economically undesirable levels of wildfire, pests, diseases, and invasive species, to	2 – Seral Stage	See indicator # 2	
				9 – Wildlife Tree Patches	See indicator # 9	
				24 – Permanent Access Structures	Percentage of the total area in Managing Participants' cutblocks occupied by permanent access structures, in which harvesting was completed	A maximum of 5% of the total area in Managing Participants' cutblocks occupied by permanent access structures in which harvesting was completed, as determined on a 3 year rolling average
				26 – Salvage	The relative proportion of area of merchantable fire-damaged stands salvaged within a management intensity class	The relative proportions of salvage will be highest in the high intensity zones, and lowest in the low intensity zones over the SFM Plan period (April 1, 2016 - March 31, 2022
				49 – Forest Health FOS Planning	Percentage of new conifer-leading harvest blocks in the 2017 FOS that are pine-leading	A minimum of 50% of new conifer-leading harvest blocks in the 2017 FOS will be pine-leading

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			maintain and improve long-term forest health, productivity, and economic viability.			
			Performance Measure 2.1. Certified Organizations shall promptly reforest after final harvest.	13 – Coniferous Seeds	See indicator #13	
				14 – Aspen Regeneration	See indicator #14	
				28 – Species Composition	See indicator #28	
			Performance Measure 2.3. Certified Organizations shall implement practices that protect and maintain forest and soil productivity and soil health.	24 – Permanent Access Structures	See indicator # 24	
				40 – Coordinated Developments	Number of coordinated developments	Report annually the number of proposed coordinated developments that occurred
				66 – Deletions to Forest Area	Percentage of gross crown forest landbase in the DFA converted to non-forest land use through forest management activities of the participants during the term of SFMP #3	Less than 0.6% of the gross crown forest landbase in the DFA will be converted to non-forest land use through forest management activities of the participants during the term of SFMP #3
Objective 1. Forest Management Planning To ensure forest			**Performance**	25 – Forest Health	See indicator # 25	

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
management plans include long-term sustainable harvest levels and measures to avoid forest conversion or afforestation of ecologically important areas. **Objective 2.** Forest Health and Productivity To ensure long-term forest productivity, forest health and conservation of forest resources through prompt reforestation, afforestation, deploying integrated pest management strategies, minimized chemical use, soil conservation, and protecting forests from damaging agents.			**Measure 1.1.** Certified Organizations shall ensure that forest management plans include long-term harvest levels that are sustainable and consistent with appropriate growth-and-yield models. **Performance Measure 2.3.** Certified Organizations shall implement practices that protect and maintain forest and soil productivity and soil health.	31 – Long Term Harvest Level	Long-term harvest level (LTHL) as measured in cubic metres per year (m^3/yr)	We will propose an Allowable Annual Cut (AAC) that sustains the LTHL of the Defined Forest Area (DFA)
				32 – Site Index	Site index	Average post harvest site index will not be less than average pre-harvest site index on blocks harvested under the pilot project regulation
				53 – Cut Control	Percentage of total Allowable Annual Cut (AAC) charged to licencee tenure holders or BCTS Participants during the term of the SFMP	Jan 1 2016 - Dec 31 2021: Industry Participants: -Not to exceed 110% of the combined cumulative coniferous AAC for the 6 year period, -Not to exceed 110% of the combined cumulative deciduous AAC for the 6 year period. BCTS Participant: -Not to exceed 110% of the combined cumulative coniferous commitment offered for sale for the 6 year period, -Not to exceed 110% of the combined cumulative deciduous commitment offered for sale for the 6 year period

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
CCFM Criterion 3 – Conservation of Soil and Water Resources						
Conserve soil and water resources by maintaining their quantity and quality in forest ecosystems.						
Objective 2. Forest Health and Productivity To ensure long-term forest productivity, forest health and conservation of forest resources through prompt reforestation, afforestation, deploying integrated pest management strategies, minimized chemical use, soil conservation, and protecting forests from damaging agents.	**Soil Productivity**	**Protect soil resources to sustain productive forests**	**Performance Measure 2.3** Certified Organizations shall implement practices that protect and maintain forest and soil productivity and soil health**.**	4 – Soil Disturbance	Number of blocks with non-conformances to soil disturbance limits reported annually by Managing Participant	Zero blocks will have non conformances to soil disturbance limits
				32 – Site Index	See indicator # 32	
			Performance Measure 2.3. Certified Organizations shall implement practices that protect and maintain forest and soil productivity and soil health.	6 – Coarse Woody Debris Volume	See indicator # 6	
Objective 3. Protection and Maintenance of Water Resources To protect the water quality and water quantity of rivers, streams, lakes, wetlands, and other water bodies.	**Water Quantity**	**Maintenance of water quantity**	**Performance Measure 3.1.** Certified Organizations shall meet or exceed all applicable federal, provincial, state, and local water quality laws and meet or exceed best management practices. **Performance Measure 3.2.** Certified Organizations shall implement water, wetland, and	34 – Peak Flow Index	The percentage of watersheds achieving baseline targets for the peak flow index and the percent of watershed reviews completed where the baseline target is exceeded	95% or more of the watersheds will be below the baseline target. All watersheds that exceed the baseline target will have a watershed review completed wherever new harvesting is planned

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			riparian protection programs based on climate, soil type, terrain, vegetation, ecological function, harvesting system, state best management practices (BMPs), provincial guidelines and other			
		Maintenance of water quality	applicable factors. **Performance Measure 3.1**. Certified Organizations shall meet or exceed all applicable federal, provincial, state, and local water quality laws and meet or exceed best management practices. **Performance Measure 3.2.** Certified Organizations shall implement water, wetland, and riparian protection programs based on climate, soil type, terrain, vegetation,	7 – Riparian Reserves	See indicator # 7	
				35 – Water Quality Concern Ratings	The percentage of surveyed stream crossings annually identified with a high WQCR rating on forestry roads within the DFA for which participants have stewardship (*WQCR – water quality concern rating)	On an annual basis, fewer than 30% of the total number of surveyed stream crossings on roads for which the participants have stewardship will have 'High' WQCR
				36 – Protection of Stream banks and Riparian Values of Small Streams	The number of annual non-conformances to SLP measures related to protecting stream bank, stream channel stability and riparian vegetation from harvesting or silviculture activities	No non-conformances to SLP measures related to protecting stream bank, stream channel stability and riparian vegetation from to harvesting or silviculture activities

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			ecological function, harvesting system, state best management practices (BMPs), provincial guidelines and other	37 – Spills Entering Water Bodies	Number of spills of a reportable substance (i.e. antifreeze, diesel fuel, gasoline, greases, hydraulic oil, lubricating oil, methyl hydrate, paints and paint thinners, solvents, pesticides, and explosives) entering water bodies	Zero spills entering water bodies

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
CCFM Criterion 4 – Forest Ecosystem Contributions to Global Ecological Cycles						
Maintain forest conditions and management activities that contribute to the health of global ecological cycles.						
Objective 9. Climate Smart Forestry To ensure forest management activities address climate change adaptation and mitigation measures.	**Carbon Uptake and Storage**	**Maintenance of the processes for carbon uptake and storage**	**Performance Measure 9.2** Certified Organizations shall individually and/or through cooperative efforts involving SFI Implementation Committees or other partners identify and address opportunities to mitigate the effects associated with its forest operations on climate change.	24 – Permanent Access Structures	See indicator # 24	
				29 – Reforestation Assessment	See indicator # 29	
				30 – Establishment Delay	See indicator # 30	
				38 – Carbon Sequestration Rate	Maintenance of DFA Average carbon sequestration rates	Maintain DFA average carbon sequestration rates that are consistent with or greater than natural sequestration rates
				39 – Ecosystem Carbon Storage	The percentage of ecosystem carbon stored in the Fort St. John DFA relative to projected natural levels	Maintain ecosystem carbon storage at a minimum of 95% of projected natural storage levels
			Performance Measure 2.1. Certified Organizations shall promptly reforest after final harvest.	See indicators # 25, 27, 28, 29, 30 (related to CSA z809-08 Core Indicator 2.1.1 above)		
Objective 1. Forest Management Planning To ensure forest management plans include long-term sustainable harvest levels and measures to avoid	**Forest Land Base**	**Sustain forest lands within our control within the DFA**	**Performance Measure 1.4.** Certified Organizations shall not afforest in locations which negatively impact ecologically important natural	See indicators # 24, 40, 55 (related to CSA z809-08 Core Indicator 2.2.1 above)		

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator	Target
forest conversion or afforestation of ecologically important areas.			communities, threatened and endangered species, or native natural communities which could be at risk of becoming rare.		

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
CCFM Criterion 5 – Multiple Benefits to Society						
Sustain flows of forest benefits for current and future generations by providing multiple goods and services.						
Objective 5. Management of Visual Quality and Recreational Benefits To manage the visual impact of forest operations and provide recreational opportunities for the public. **Objective 1. Forest Management** Planning To ensure forest management plans include long-term sustainable harvest levels andmeasures to avoid forest conversion or afforestation of ecologically important areas.	**Timber and Non-Timber Multi-use Benefits**	**Provide opportunities for a feasible mix of timber, recreational activities, and non-timber commercial activities**	**Performance Measure 5.1. Certified** Organizations shall manage the impact of harvesting on visual quality. **Performance Measure 5.2.** Certified Organizations shall manage the size, shape, and placement of clearcut harvests. **Performance Measure 5.3.** Certified Organizations shall adopt a green-up requirement or alternative methods that provide for visual quality. **Performance Measure 5.4.** Certified Organizations shall	18 – Graham Harvest Timing	See indicator # 18	
				19 – Graham Merch Area	See indicator # 19	
				21 – MKMA harvest	See indicator # 21	
				31 – Long Term harvest Level (Timber)	See indicator # 31	
				41 – Range Action Plan	Percent consistency with mutually agreed upon action plans for range	Operations 100% consistent with resultant range action plans
				42 – Damage to Range Improvements	Number of range improvements damaged by Participants' activities	Zero range improvements damaged by Participants' activities
				43 – Recreation Sites (Non - Timber)	The number of recreation sites maintained by Participants	Participants will maintain a minimum of one recreational site within the DFA
				44 – Visual Quality Objectives	Consistency with Visual Quality Objectives (VQO's)	Pilot Participants' forest operations will be consistent with the established VQO's

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			support and promote recreational opportunities for the public. **Performance Measure 1.1.** Certified Organizations shall ensure that forest management plans include long-term harvest levels that are sustainable and consistent with appropriate growth-and-yield models.	45 – Recreation Opportunity Spectrum	Area in primitive and semi-primitive non-motorized classifications of the Recreation Opportunity Spectrum (ROS) for the Graham, Sikanni and Crying Girl LU's	A minimum of 65,839 ha in primitive ROS area (100% of 1996 primitive ROS area) and 180,726 ha in semi primitive non-motorized ROS area (50% of the 1996 total semi primitive NM ROS area) in the combined Graham, Crying Girl and Sikanni LU's (excluding the Graham Laurier and Redfern-Keily PA's)
				46 – Actions Addressing Guides, Trappers, and Other Interests	Percentage of operations consistent with mutually agreed upon action plans for guides, trappers and other known non-timber commercial interests	100% of operations will be consistent with action plans for guides, trappers and other non-timber commercial interests
				47 – Timber processed in the DFA (Timber)	Volume of timber processed in the DFA in proportion to volume harvested in the DFA	The annual equivalent of a minimum of 70% of the DFA's harvest is primary processed in the DFA
				48 – Summer and Fall Volume Deliveries	See Indicator # 48	
			Non – Core	51 – Timber Profile - Deciduous (Timber)	The area(ha) of deciduous leading cutblocks identified in Supply Block F for harvest during the term of the SFMP	A minimum of 200 ha of deciduous leading cutblocks located in Supply Block F will be identified for harvest during the term of the new SFMP

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
				52 – Timber Profile - Coniferous (Timber)	The percentage of the total cutblock area in harvested blocks that was identified as preharvest height-class two pine inventory types	April 1, 2006 - March 31st, 2011: 8% or more of the total coniferous cutblock area harvested by managing Participants during the 5-year period will be in height-class two pine inventory types. April 1, 2011- March 31st, 2016: 8% or more of the total coniferous cutblock area harvested by managing Participants during the 5-year period will be in height-class two pine inventory types. April 1, 2016- March 31, 2022: 8% or more of the total coniferous cutblock area harvested by managing Participants during the 5-year period will be in height-class two pine inventory types.
				53 – Cut Control (Timber)	Percentage of total Allowable Annual Cut (AAC) charged to licencee tenure holders or BCTS Participants during the term of the SFMP.	Jan 1 2016 - Dec 31 2021: <u>Industry Participants</u>: -Not to exceed 110% of the combined cumulative coniferous AAC for the 6 year period -Not to exceed 110% of the combined cumulative deciduous AAC for the 6 year period <u>BCTS Participant:</u> -Not to exceed 110% of the combined cumulative coniferous commitment offered for sale for the 6

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
						year period -Not to exceed 110% of the combined cumulative deciduous commitment offered for sale for the 6 year period
Objective 6. Protection of Special Sites To manage lands that are geologically or culturally important in a manner that takes into account their unique qualities. **Objective 8. Recognize and Respect Indigenous Peoples' Rights** To recognize and respect Indigenous Peoples' rights and traditional knowledge.			**Performance Measure 6.1.** Certified Organizations shall have a program to identify special sites and manage and protect them in a manner appropriate for their unique features. **Performance Measure 8.2.** Certified Organizations with forest management responsibilities on public lands shall confer with Indigenous Peoples whose rights may be affected by the Certified Organization's forest management practices. **Performance Measure 8.3.** Certified Organizations are encouraged to communicate with	23 – Value and Total Number of contracts Awarded to First Nations	See Indicator # 23	
				41 – Range Action Plan	See indicator # 41	
				46 – Actions Addressing Guides, Trappers, and Other Interests	See Indicator # 46	
				47 – Timber Processed in the DFA	See Indicator # 47	
				54 – Dollars Spent Locally on Each Woodlands Phase	See indicator # 54	
				55 – Direct and Indirect Employment	See Indicator # 55	
				68 – Effective Communication – Non Timber Resources	Evidence of communication and consideration of non-timber resources into forest management planning	100% of non-timber resource values, identified through communication, have been responded to and considered and may be accommodated in forest management plans

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			and shall respond to Indigenous Peoples whose rights may be affected by forest management practices on the Certified Organization's private lands.			
	Sustainable and Viable Communities	**Maintain viable timber processing facilities in the DFA. No decrease in the LTHL in the DFA**	**N/A**	47 – Timber Processed in the DFA	See Indicator # 47	
				48 – Summer and Fall Volume Deliveries	Volume of timber (m^3) delivered annually to wood processing facilities within the Fort St. John Defined Forest Area (DFA) wood processing facilities between May 1st and November 30th	Minimum of 100,000 m^3 to conifer mills in the DFA, Minimum of 185,000 m^3 to deciduous mills in the DFA
				50 – Coordination	Percentages of SFMP's and FOS's prepared jointly by the Participants	100% of all SFMP's and FOS's will be jointly prepared by the Participants
				51 – Timber Profile - Deciduous	See indicator # 51	
				52 – Timber Profile - Coniferous	See Indicator # 52	
				54 – Dollars Spent Locally on each Woodlands	Percentage of dollars spent locally on each woodlands	Woodlands Phases to be monitored:
						Logging/hauling:

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
				Phase	phase in proportion to total expenditures	minimum of 80%
						Road construction and maintenance: minimum of 80%
						Silviculture: minimum of 5%
						Planning and administration: minimum of 50%
				55 – Direct and Indirect Employment	Level of direct and indirect employment	Report the current level of direct and indirect employment expressed as a factor of harvest level times employment multiplier
			Non – Core	31 – Long Term Harvest Level	See Indicator # 31	
				53 – Cut Control	See Indicator # 53	
	Fair Distribution of Benefits and Costs	**Development of Skilled Workers**	**N/A**	63 – Worker Training	Percentage of managing participants' employees training that is consistent with training plans	100% of managing participants' employees will have training consistent with training plans
				12 – Forest Workers Safety	Implementation and maintenance of certified safety program	Each managing participant will implement and maintain a certified safety program
			N/A	48 – Summer and Fall Volume Deliveries	See Indicator # 48	

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
				54 – Dollars Spent Locally on Each Woodlands Phase	See Indicator # 54	
				55 – Direct and Indirect Employment	See Indicator # 55	

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
CCFM Criterion 6 – Accepting Society's Responsibility for Sustainable Development						
Sustainable forest management includes society's responsibility for worker and community safety, and the requirement for fair, equitable, and effective forest management decisions.						
Objective 14. Community Involvement and Landowner Outreach To broaden the practice of sustainable forestry through public outreach, education, and involvement, and to support the efforts of SFI Implementation Committees.	**Opportunity for Public Participation**	**To facilitate a satisfactory public participation process. To develop satisfaction with the public participation process**	Performance Measure 14.1. Certified Organizations shall support and promote efforts by consulting foresters, state, provincial and federal agencies, state or local groups, professional societies, conservation organizations, Indigenous Peoples and governments, community groups, sporting organizations, labor, universities, extension agencies, the American Tree Farm System and/or other landowner cooperative programs to apply principles of sustainable forest management.	59 – Terms of Reference (TOR) for the Public Participation Process	Current Terms of reference (TOR) for the *FSJPPR* public participation process	Biennial review of the TOR for the *FSJPPR* public participation process (PAG)
				64 – PAG Satisfaction Surveys	Level of satisfaction with the public participation process as measured by PAG surveys	At least an 80% (average score of 4 out of 5) satisfaction level as measured from PAG surveys
	Information for Decision-making	**Relevant information used in the decision making process is provided to PAG, general public, and affected parties**	**Performance Measure 14.2.** Certified Organizations shall individually and/or through cooperative efforts	41 – Timber Range Action Plans	See Indicator # 41	
				46 – Actions Addressing Guides, Trappers, and	See indicator # 46	

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			involving SFI Implementation Committees support and promote, at the state, provincial or other appropriate levels, mechanisms for public outreach, education and involvement related to sustainable forest management.	Other Interests		
				58 – Regulatory Public Review and comment Process	Compliance with the public review and comment process identified in the FSJ Pilot Project Regulation	100% compliance with public review and comment processes identified in the FSJ Pilot Project Regulation
				59 – Terms of Reference (TOR) for the Public Participation Process.	See Indicator # 59	
				60 – Public Inquiries	The percentage of timely responses to public inquiries	Respond to 100% of public inquiries regarding Participants' forestry practices, that are additional to the Pilot Public Review and Comment processes, within one month of receipt
				61 – Educational Outreach	Number of people to whom information, presentations, or field trips provided annually	Minimum of 40 people provided information, presentations, or field trips
				64 – PAG Satisfaction Surveys	See Indicator # 64	
				60 – Public Inquiries	See Indicator # 60	
				65 – Availability of Information on Issues of Concern	SFM Monitoring report made available to the public	SFM monitoring report made available to the public annually
	Contribute to Worker and Public Safety.	**Provide a safe work environment for DFA forestry**	**N/A**	12 – Forest Workers Safety	See Indicator # 12	
			N/A	63 – Worker	See Indicator # 63	

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
	Communities Participate in the Use and Management of the Forest	**workers and the public. Diverse local forest employment opportunities exist in the DFA**		Training		

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
CCFM Criterion 7 – Aboriginal Relations						
Recognize and respect the unique rights and values of Aboriginal Peoples						
Objective 6. Protection of Special Sites To manage lands that are geologically or culturally important in a manner that takes into account their unique qualities. **Objective 8. Recognize and Respect Indigenous Peoples' Rights** To recognize and respect Indigenous Peoples' rights and traditional knowledge.	**Aboriginal and Treaty Rights**	**Recognition of Treaty 8 rights and respect of aboriginal rights through maintenance of landscape level biodiversity**	**Performance Measure 6.1.** Certified Organizations shall have a program to identify special sites and manage and protect them in a manner appropriate for their unique features.	33 – First Nations Consultation & Information Sharing	Percentage of affected First Nations invited to participate in information sessions or presentations related to the participants' practices and /or plans (SFMP, FOS, and PMP's)	100% of affected First Nations will be invited to participate in information sessions or presentations related to the participants' practices and /or plans (SFMP, FOS, and PMP's)
				56 – Maintenance of Wildlife and Fisheries Habitat	Conformance to the SFMP indicators and targets pertinent to the maintenance of wildlife and fisheries habitat	Participants will conform to the identified SFMP indicators and targets pertinent to the maintenance of wildlife and fisheries habitat
			Performance Measure 8.1. Certified Organizations shall recognize and respect Indigenous Peoples' rights. **Performance Measure 8.2.** Certified Organizations with forest management responsibilities on public lands shall confer with Indigenous Peoples	33 – First Nations Consultation & Information Sharing	Percentage of affected First Nations invited to participate in information sessions or presentations related to the participants' practices and /or plans (SFMP, FOS, and PMP's)	100% of affected First Nations will be invited to participate in information sessions or presentations related to the participants' practices and /or plans (SFMP, FOS, and PMP's)
				69 – Effective Communication – Aboriginal Communities	Evidence of ongoing communication with Aboriginal communities and consideration of	100% of information on aboriginal titles and rights, identified through on-going communication with Aboriginal communities, has been

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			whose rights may be affected by the Certified Organization's forest management practices.		information gained	responded to and considered and may be accommodated in forest management planning
Objective 6. Protection of Special Sites To manage lands that are geologically or culturally important in a manner that takes into account their unique qualities. **Objective 8. Recognize and Respect Indigenous Peoples' Rights** To recognize and respect Indigenous Peoples' rights and traditional knowledge.	**Aboriginal Forest Values, and Uses**	**Respect known traditional aboriginal forest values and uses. Involve First Nations in review of forest management plans, provide understanding of forest management plans. Provide opportunities for First Nations to participate in forest economy.**	**Performance Measure 6.1.** Certified Organizations shall have a program to identify special sites and manage and protect them in a manner appropriate for their unique features.	23 – Value and Total Number of contracts Awarded to First Nations	Value and total number of contracts awarded annually to First Nations	Report the annual total value and number of contracts awarded to companies or groups owned or operated by First Nations
				33 – First Nations Consultation & Information Sharing	See Indicator # 33	
				57 – Number of Known values and Uses Addressed in Operational Planning	See Indicator # 57	
				60 – Public Inquiries	See Indicator # 60	
			Performance Measure 8.1. Certified Organizations shall recognize and respect Indigenous Peoples' rights.	33 – First Nation Consultation & Information Sharing	See Indicator # 33	
				57 – Number of Known values and Uses Addressed in Operational Planning	See Indicator # 57	
			Performance Measure 8.2. Certified Organizations with	62 – Brushing Program Aerial Herbicide Use	See Indicator # 62	

CCFM[27] Criteria & SFI FMS Objectives	Value	Objective	SFI Performance Measures (reference only)	SFMP Indicator		Target
			forest management responsibilities on public lands shall confer with Indigenous Peoples whose rights may be affected by the Certified Organization's forest management practices.			
			Performance Measure 8.1. Certified Organizations shall recognize and respect Indigenous Peoples' rights. **Performance Measure 8.2.** Certified Organizations with forest management responsibilities on public lands shall confer with Indigenous Peoples whose rights may be affected by the Certified Organization's forest management practices.	33 – First Nations Consultation & Information Sharing	See Indicator # 33	
				57 – Number of Known values and Uses Addressed in Operational Planning	See Indicator # 57	
				62 – Brushing Program Aerial Herbicide Use	The number of hectares removed annually from the participants' aerial herbicide plans based on input from First Nations or the public and final treatment layout	The participants will report annually, the number of hectares removed from the participants' aerial herbicide plans based on input from First Nations or the public and final treatment layout

Appendix 3: Access Management

Table 41: Road Construction Activity – Forest Licencees April 1st 2020- March 31st 2021

ROAD_SEQ NBR	Road Steward	Road Name	POC	POT	Road Length (m)	Completion Date	Season	Operating Area	Method
1000317113	Canfor	01-329-04	0	559	559	15-Dec-20	Summer	Inga Lake	Subgrade
1000317977	Canfor	03-099-00	0	1652	1652	15-Nov-20	Summer	North Blueberry	Subgrade
320017175	Canfor	05-020-06	0	389	389	14-Sep-20	Summer	Aikman Creek	Surfacing
1004312183	Canfor	05-062-00	0	1019	1019	18-Sep-20	Summer	Aikman Creek	Subgrade
1004312183	Canfor	05-062-00	0	1019	1019	24-Sep-20	Summer	Aikman Creek	Surfacing
1000316558	Canfor	05-137-00	0	2195	2195	9-Oct-20	Summer	Aikman Creek	Surfacing
1004317546	Canfor	05-139-00	0	574	574	19-Aug-20	Summer	Aikman Creek	Subgrade
1000317304	Canfor	05-141-00	0	1303	1303	12-Aug-20	Summer	Aikman Creek	Subgrade
1000317304	Canfor	05-141-00	180	760	580	14-Aug-20	Summer	Aikman Creek	Surfacing
1000317305	Canfor	05-141-01	0	559	559	12-Aug-20	Summer	Aikman Creek	Subgrade
1004313976	Canfor	05-146-00	0	113	113	19-Aug-20	Summer	Aikman Creek	Subgrade
1004313977	Canfor	05-146-01	0	193	193	19-Aug-20	Summer	Aikman Creek	Subgrade
1004313978	Canfor	05-147-00	0	477	477	1-Sep-20	Summer	Aikman Creek	Subgrade
1004313975	Canfor	05-148-00	0	370	370	24-Aug-20	Summer	Aikman Creek	Subgrade
1000316602	Canfor	05-157-00	0	342	342	18-Sep-20	Summer	Aikman Creek	Subgrade
1000316602	Canfor	05-157-00	0	342	342	25-Sep-20	Summer	Aikman Creek	Surfacing
1004312185	Canfor	05-165-00	0	619	619	9-Sep-20	Summer	Aikman Creek	Subgrade
1004312185	Canfor	05-165-00	0	619	619	18-Sep-20	Summer	Aikman Creek	Surfacing
1004310886	Canfor	05-166-00	0	202	188	25-Aug-20	Summer	Aikman Creek	Subgrade
1004310886	Canfor	05-166-00	0	239	225	10-Sep-20	Summer	Aikman Creek	Surfacing
1004319031	Canfor	05-169-00	0	3597	3597	20-Nov-20	Summer	Aikman Creek	Subgrade
1004319031	Canfor	05-169-00	416	2776	2360	20-Nov-20	Winter	Aikman Creek	Subgrade
1004319032	Canfor	05-169-01	0	394	394	1-Dec-20	Winter	Aikman Creek	Subgrade
1004319033	Canfor	05-169-02	0	188	188	1-Dec-20	Winter	Aikman Creek	Subgrade
1004319034	Canfor	05-169-03	0	2007	2007	1-Dec-20	Winter	Aikman Creek	Subgrade
1004319035	Canfor	05-169-06	0	335	335	1-Dec-20	Winter	Aikman Creek	Subgrade
1004318479	Canfor	05-170-00	0	656	656	11-Dec-20	Winter	Aikman Creek	Subgrade
1004311866	Canfor	05-172-00	0	753	753	1-Oct-20	Summer	Aikman Creek	Subgrade
1004311866	Canfor	05-172-00	0	753	753	8-Oct-20	Summer	Aikman Creek	Surfacing
1004318722	Canfor	05-181-00	0	122	122	21-Jan-21	Summer	Aikman Creek	Subgrade

ROAD_SEQ _NBR	Road Steward	Road Name	POC	POT	Road Length (m)	Completion Date	Season	Operating Area	Method
1004318622	Canfor	05-192-00	0	329	329	10-Dec-20	Summer	Aikman Creek	Subgrade
1004318999	Canfor	05-193-00	0	288	288	20-Nov-20	Summer	Aikman Creek	Subgrade
1004318999	Canfor	05-193-00	288	817	529	20-Nov-20	Winter	Aikman Creek	Subgrade
1004318995	Canfor	05-194-00	0	480	480	7-Jan-21	Winter	Aikman Creek	Subgrade
1004318500	Canfor	07-147-00	0	2114	2114	7-Jan-21	Summer	Donnie Creek	Subgrade
1004318501	Canfor	07-147-01	0	302	302	8-Jan-21	Summer	Donnie Creek	Subgrade
1004317583	Canfor	07-148-00	0	661	661	2-Feb-21	Summer	Donnie Creek	Subgrade
1000317942	Canfor	09-021-01	0	785	785	19-Aug-20	Winter	Kobes Creek	Subgrade
1000317943	Canfor	09-021-02	0	621	621	15-Jul-20	Winter	Kobes Creek	Subgrade
1000317944	Canfor	09-021-03	0	600	600	5-Aug-20	Summer	Kobes Creek	Subgrade
1000317944	Canfor	09-021-03	600	835	235	5-Aug-20	Winter	Kobes Creek	Subgrade
1000317945	Canfor	09-021-04	0	422	422	16-Dec-20	Winter	Kobes Creek	Subgrade
1000317946	Canfor	09-021-05	0	248	248	7-Aug-20	Winter	Kobes Creek	Subgrade
1000023864	Canfor	09-087-00	0	355	355	6-Oct-20	Winter	Kobes Creek	Reactivated
1000318095	Canfor	09-120-01	8	1713	1705	27-Aug-20	Summer	Kobes Creek	Subgrade
1000318095	Canfor	09-120-01	8	1713	1705	31-Aug-20	Summer	Kobes Creek	Surfacing
1000318096	Canfor	09-120-02	0	706	706	27-Aug-20	Summer	Kobes Creek	Subgrade
1000318096	Canfor	09-120-02	0	706	706	31-Aug-20	Summer	Kobes Creek	Surfacing
1000318097	Canfor	09-120-03	0	401	401	27-Aug-20	Summer	Kobes Creek	Subgrade
1000318098	Canfor	09-120-04	0	444	444	27-Aug-20	Summer	Kobes Creek	Subgrade
1000318098	Canfor	09-120-04	0	444	444	31-Aug-20	Summer	Kobes Creek	Surfacing
1000385397	Canfor	09-133-00	0	862	862	5-Aug-20	Summer	Kobes Creek	Subgrade
1000385397	Canfor	09-133-00	0	862	862	5-Aug-20	Summer	Kobes Creek	Surfacing
1000385400	Canfor	09-133-03	0	585	585	30-Aug-20	Summer	Kobes Creek	Subgrade
1000385403	Canfor	09-133-06	0	126	126	10-Aug-20	Summer	Kobes Creek	Subgrade
1000318077	Canfor	09-140-01	0	661	661	25-Nov-20	Summer	Kobes Creek	Subgrade
1000318076	Canfor	09-140-02	0	1351	1351	25-Nov-20	Summer	Kobes Creek	Subgrade
1004315592	Canfor	09-151-01	0	758	758	23-Oct-20	Summer	Kobes Creek	Subgrade
1004315593	Canfor	09-151-02	0	1659	1659	23-Oct-20	Summer	Kobes Creek	Subgrade
1004315594	Canfor	09-151-03	0	2493	2493	16-Oct-20	Summer	Kobes Creek	Subgrade
1004315596	Canfor	09-151-05	0	378	378	25-Sep-20	Summer	Kobes Creek	Subgrade
1004315597	Canfor	09-151-06	0	588	588	15-Oct-20	Summer	Kobes Creek	Subgrade

ROAD_SEQ_NBR	Road Steward	Road Name	POC	POT	Road Length (m)	Completion Date	Season	Operating Area	Method
1004315598	Canfor	09-151-07	0	378	378	23-Sep-20	Summer	Kobes Creek	Subgrade
1004324025	Canfor	09-151-08	0	535	535	16-Oct-20	Summer	Kobes Creek	Subgrade
1004313639	Canfor	09-165-01	0	1232	1232	6-Nov-20	Summer	Kobes Creek	Subgrade
1004318876	Canfor	09-165-02	0	1714	1714	6-Nov-20	Summer	Kobes Creek	Subgrade
1004313635	Canfor	09-165-03	0	238	238	6-Nov-20	Summer	Kobes Creek	Subgrade
1004318917	Canfor	09-166-00	0	950	950	15-Nov-20	Summer	Kobes Creek	Subgrade
1004318976	Canfor	09-167-00	0	3325	3325	18-Nov-20	Summer	Kobes Creek	Subgrade
1004318734	Canfor	09-168-00	0	1660	1660	5-Sep-20	Summer	Kobes Creek	Subgrade
1004318734	Canfor	09-168-00	0	1660	1660	10-Sep-20	Summer	Kobes Creek	Surfacing
1004325610	Canfor	09-168-01	0	80	80	5-Sep-20	Summer	Kobes Creek	Subgrade
1004313640	Canfor	09-201-00	0	400	400	22-Oct-20	Summer	Kobes Creek	Subgrade
1004313640	Canfor	09-201-00	400	600	200	1-Dec-20	Winter	Kobes Creek	Subgrade
1004313637	Canfor	09-201-01	0	907	907	28-Oct-20	Summer	Kobes Creek	Subgrade
1004313954	Canfor	10-104-00	0	1515	1515	10-Aug-20	Summer	Blue Grave Creek	Subgrade
1004313957	Canfor	10-104-01	0	329	329	10-Aug-20	Summer	Blue Grave Creek	Subgrade
1004320913	Canfor	10-119-00	0	569	569	31-Mar-21	Summer	Blue Grave Creek	Subgrade
1004316515	Canfor	12-011-01	0	1019	1019	3-Nov-20	Summer	Chowade River	Subgrade
1004316516	Canfor	12-011-02	0	1075	1075	6-Nov-20	Summer	Chowade River	Subgrade
1004311882	Canfor	19-101-00	0	1424	1424	4-Dec-20	Summer	Laprise Creek	Subgrade
1000031884	Canfor	19-102-00	480	1623	1143	17-Aug-20	Summer	Laprise Creek	Subgrade
1000031884	Canfor	19-102-00	0	480	480	17-Aug-20	Summer	Laprise Creek	Reconstruction
1000031884	Canfor	19-102-00	0	1623	1623	17-Aug-20	Summer	Laprise Creek	Surfacing
1004313426	Canfor	19-108-00	0	472	472	8-Dec-20	Summer	Laprise Creek	Subgrade
1004313427	Canfor	19-108-01	0	338	338	8-Dec-20	Summer	Laprise Creek	Subgrade
1004313430	Canfor	19-109-00	0	1170	1170	9-Dec-20	Summer	Laprise Creek	Subgrade
1004313431	Canfor	19-109-01	0	391	391	9-Dec-20	Summer	Laprise Creek	Subgrade
1004313207	Canfor	19-110-00	0	735	735	10-Dec-20	Summer	Laprise Creek	Subgrade
1004314088	Canfor	19-111-00	0	1157	1157	15-Oct-20	Summer	Laprise Creek	Subgrade
1004314326	Canfor	19-113-02	0	755	755	15-Dec-20	Summer	Laprise Creek	Subgrade

ROAD_SEQ _NBR	Road Steward	Road Name	POC	POT	Road Length (m)	Completion Date	Season	Operating Area	Method
1004314327	Canfor	19-113-03	0	556	556	15-Dec-20	Summer	Laprise Creek	Subgrade
1004317890	Canfor	19-115-00	0	680	680	15-Oct-20	Summer	Laprise Creek	Subgrade
1004317891	Canfor	19-115-01	0	1678	1678	15-Oct-20	Summer	Laprise Creek	Subgrade
1004317892	Canfor	19-115-02	0	110	110	15-Oct-20	Summer	Laprise Creek	Subgrade
1004317894	Canfor	19-115-04	0	249	249	15-Oct-20	Summer	Laprise Creek	Subgrade
1004317895	Canfor	19-115-05	0	331	331	15-Oct-20	Summer	Laprise Creek	Subgrade
1004318116	Canfor	19-116-00	0	949	949	15-Sep-20	Summer	Laprise Creek	Subgrade
1004314598	Canfor	19-116-10	0	1319	1319	15-Sep-20	Summer	Laprise Creek	Subgrade
1004314370	Canfor	19-138-00	0	1501	1501	15-Sep-20	Summer	Laprise Creek	Subgrade
1004314371	Canfor	19-138-01	0	1463	1463	15-Sep-20	Summer	Laprise Creek	Subgrade
1004314372	Canfor	19-138-02	0	862	862	15-Sep-20	Summer	Laprise Creek	Subgrade
1004314376	Canfor	19-138-06	0	513	513	15-Sep-20	Summer	Laprise Creek	Subgrade
1004312707	Canfor	21-042-04	0	1489	1489	30-Apr-20	Summer	Trutch Creek	Subgrade
1004311681	Canfor	21-046-00	0	3000	3000	15-Feb-21	Summer	Trutch Creek	Subgrade
1004325145	Canfor	21-046-01	0	349	349	15-Feb-21	Summer	Trutch Creek	Subgrade
1004325147	Canfor	21-046-02	0	1244	1244	15-Feb-21	Summer	Trutch Creek	Subgrade
1004313289	Canfor	24-049-00	0	1802	1802	15-Jan-21	Summer	Jedney Creek	Subgrade
1004316824	Canfor	24-049-01	0	266	266	15-Jan-21	Summer	Jedney Creek	Subgrade
1004322104	Canfor	24-050-00	0	2219	2219	15-Jan-21	Summer	Jedney Creek	Subgrade
1004316835	Canfor	24-233-00	0	857	857	28-Oct-20	Summer	Jedney Creek	Subgrade
1004316836	Canfor	24-233-01	0	318	318	28-Oct-20	Summer	Jedney Creek	Subgrade
1004316167	Canfor	24-264-00	0	2265	2265	2-Nov-20	Summer	Jedney Creek	Subgrade
1004316060	Canfor	24-277-00	0	1697	1697	15-Nov-20	Summer	Jedney Creek	Subgrade
1004316061	Canfor	24-277-01	0	611	611	15-Nov-20	Summer	Jedney Creek	Subgrade
1004316096	Canfor	24-366-00	0	510	510	15-Jan-21	Summer	Jedney Creek	Subgrade
1004317065	Canfor	24-372-01	0	255	255	3-Dec-20	Summer	Jedney Creek	Subgrade
1004317060	Canfor	24-373-00	0	4847	4847	3-Dec-20	Summer	Jedney Creek	Subgrade
1004317061	Canfor	24-373-01	0	444	444	3-Dec-20	Summer	Jedney Creek	Subgrade
1004317062	Canfor	24-373-02	0	270	270	3-Dec-20	Summer	Jedney Creek	Subgrade
1004313958	Canfor	24-394-01	0	562	562	4-Nov-20	Summer	Jedney Creek	Subgrade
1004313960	Canfor	24-394-02	0	215	215	5-Nov-20	Summer	Jedney Creek	Subgrade
1000385682	Canfor	36-040-00	0	2049	2049	17-Aug-20	Summer	Apsassin Creek	Subgrade

ROAD_SEQ_NBR	Road Steward	Road Name	POC	POT	Road Length (m)	Completion Date	Season	Operating Area	Method
1000385683	Canfor	36-040-01	0	1354	1354	17-Aug-20	Summer	Apsassin Creek	Subgrade
1000385683	Canfor	36-040-01	354	580	226	15-Jul-20	Summer	Apsassin Creek	Surfacing
1000385683	Canfor	36-040-01	698	882	184	15-Jul-20	Summer	Apsassin Creek	Surfacing
1000385685	Canfor	36-040-03	0	720	720	17-Aug-20	Summer	Apsassin Creek	Subgrade
1004320775	Canfor	36-040-04	0	836	836	17-Aug-20	Summer	Apsassin Creek	Subgrade
1000385686	Canfor	36-040-05	0	381	381	17-Aug-20	Summer	Apsassin Creek	Subgrade
1000385687	Canfor	36-040-06	0	320	320	17-Aug-20	Summer	Apsassin Creek	Subgrade
1000386581	Canfor	36-041-00	0	1098	1098	17-Aug-20	Summer	Apsassin Creek	Subgrade
1000386581	Canfor	36-041-00	165	975	810	20-Jul-20	Summer	Apsassin Creek	Surfacing
1004311850	Canfor	36-055-00	0	1445	1445	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004325345	Canfor	36-055-01	0	399	399	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004313291	Canfor	36-065-00	0	1771	1771	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004310957	Canfor	36-066-00	0	624	624	15-Nov-20	Summer	Apsassin Creek	Subgrade
1000386548	Canfor	36-071-00	0	4185	4185	15-Nov-20	Winter	Apsassin Creek	Reconstruction
1004311297	Canfor	36-081-00	0	1172	1172	15-Oct-20	Summer	Apsassin Creek	Subgrade
1004311298	Canfor	36-081-01	0	553	553	15-Sep-20	Summer	Apsassin Creek	Subgrade
1004311299	Canfor	36-081-02	0	742	742	15-Sep-20	Summer	Apsassin Creek	Subgrade
1004311300	Canfor	36-081-03	0	1308	1308	15-Oct-20	Summer	Apsassin Creek	Subgrade
1004311301	Canfor	36-081-04	0	1663	1663	15-Oct-20	Summer	Apsassin Creek	Subgrade
1004311302	Canfor	36-081-05	0	958	958	15-Oct-20	Summer	Apsassin Creek	Subgrade
1004311304	Canfor	36-081-06	0	1171	1171	15-Oct-20	Summer	Apsassin Creek	Subgrade
1004314508	Canfor	36-110-00	0	621	621	17-Aug-20	Summer	Apsassin Creek	Subgrade
1004318011	Canfor	36-113-00	0	1936	1936	15-Dec-20	Summer	Apsassin Creek	Subgrade
1004318012	Canfor	36-114-00	0	1316	1316	15-Dec-20	Summer	Apsassin Creek	Subgrade
1004315653	Canfor	36-115-00	0	1554	1554	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004315654	Canfor	36-115-01	0	808	808	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004315655	Canfor	36-115-02	0	356	356	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004315663	Canfor	36-116-00	0	1093	1093	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004315664	Canfor	36-116-01	0	1623	1623	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004315665	Canfor	36-116-02	0	325	325	15-Nov-20	Summer	Apsassin Creek	Subgrade
1004315666	Canfor	36-116-03	0	333	333	15-Nov-20	Summer	Apsassin Creek	Subgrade
1000022423	Canfor	45-035-00	1347	2296	949	20-Apr-20	Summer	West Farrell	Reactivated

ROAD_SEQ _NBR	Road Steward	Road Name	POC	POT	Road Length (m)	Completion Date	Season	Operating Area	Method
								Creek	
1000311781	Canfor	45-095-00	0	799	799	8-Apr-20	Summer	West Farrell Creek	Subgrade
1000311780	Canfor	45-095-01	0	564	564	8-Apr-20	Summer	West Farrell Creek	Subgrade
1000311782	Canfor	45-095-02	0	473	473	8-Apr-20	Summer	West Farrell Creek	Subgrade
1000311783	Canfor	45-095-03	0	563	563	21-Apr-20	Summer	West Farrell Creek	Subgrade
1000311831	Canfor	45-102-00	0	732	732	21-Apr-20	Summer	West Farrell Creek	Subgrade
1004316942	Canfor	45-111-00	0	2772	2218	7-Dec-20	Summer	West Farrell Creek	Subgrade
1004316943	Canfor	45-111-01	0	408	408	7-Dec-20	Summer	West Farrell Creek	Subgrade
320003277	Canfor	218-200	0	570	570	2-Nov-20	Winter	Kobes Creek	Reactivated
320002855	Canfor	219 Road	0	8882	8882	1-Nov-20	Winter	Kobes Creek	Reactivated
320003903	Canfor	203-700	0	2313	2313	15-Oct-20	Winter	Kobes Creek	Reactivated
1000319474	Canfor	S24-062-01	0	884	884	4-Nov-20	Summer	Jedney Creek	Subgrade
1004313641	Canfor	S24-080-00	0	744	744	15-Jan-21	Summer	Jedney Creek	Subgrade
1004313642	Canfor	S24-080-01	0	455	455	15-Jan-21	Summer	Jedney Creek	Subgrade
1004314247	Canfor	S24-084-00	0	320	320	15-Nov-20	Summer	Jedney Creek	Subgrade

Table 42: Licencee Deactivation Activities for April 1st, 2020-March 31st, 2021

Steward Name	Road Name	Start Metre	End Metre	Road Length (m)	Deactivation Date	Method	Operating Area	Access Type	Deactivation Level
Louisiana-Pacific	01-219-00	0	3,622	3,622	9-Oct-20	Cross Ditches	Inga Lake	Quad/ATV	Semi-Permanent
Canfor	01-297-00	0	1,014	1,014	23-Jun-20	Water Bars	Inga Lake	Quad/ATV	Semi-Permanent
Canfor	01-298-00	0	1,364	1,364	24-Jun-20	Water Bars	Inga Lake	Quad/ATV	Semi-Permanent
Canfor	01-298-01	0	599	599	24-Jun-20	Water Bars	Inga Lake	Quad/ATV	Semi-Permanent
Canfor	01-299-00	0	1,012	1,012	22-Apr-20	Water Bars	Inga Lake	Quad/ATV	Semi-Permanent
Canfor	01-299-01	0	484	484	22-Apr-20	Water Bars	Inga Lake	Quad/ATV	Semi-Permanent
Canfor	01-317-00	0	103	103	21-Aug-20	Combination	Inga Lake	Quad/ATV	Permanent
Canfor	01-317-01	0	100	100	21-Aug-20	Combination	Inga Lake	Quad/ATV	Permanent
Canfor	01-343-00	0	526	526	21-Aug-20	Combination	Inga Lake	Quad/ATV	Permanent
Canfor	01-343-01	0	381	381	21-Aug-20	Combination	Inga Lake	Quad/ATV	Permanent
Canfor	01-345-00	0	430	430	21-Aug-20	Combination	Inga Lake	Quad/ATV	Permanent
Canfor	01-345-01	0	243	243	21-Aug-20	Combination	Inga Lake	Quad/ATV	Permanent
Canfor	01-351-00	0	147	147	21-Aug-20	Combination	Inga Lake	Quad/ATV	Permanent
Canfor	04-241-00	1,664	2,749	1,085	22-Oct-20	Combination	Wonowon	No Access	Semi-Permanent
Canfor	05-046-00	0	540	540	27-Oct-20	Integrated	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	05-046-01	0	96	96	27-Oct-20	Integrated	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	05-047-02	0	1,161	1,161	30-Oct-20	Integrated	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	05-047-03	0	623	623	30-Oct-20	Integrated	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	05-139-00	0	574	574	11-Dec-20	Combination	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	05-141-00	0	1,303	1,303	18-Sep-20	Combination	Aikman Creek	Quad/ATV	Semi-Permanent

Steward Name	Road Name	Start Metre	End Metre	Road Length (m)	Deactivation Date	Method	Operating Area	Access Type	Deactivation Level
Canfor	05-141-01	0	559	559	11-Sep-20	Cross Ditches	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	05-166-00	14	239	225	19-Nov-20	Combination	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	05-181-00	0	122	122	15-Jan-21	Combination	Aikman Creek	Quad/ATV	Semi-Permanent
Canfor	07-147-00	0	2,114	2,114	9-Mar-21	Cross Ditches	Donnie Creek	Quad/ATV	Permanent
Canfor	07-147-01	0	302	302	9-Mar-21	Cross Ditches	Donnie Creek	Quad/ATV	Permanent
Canfor	07-148-00	0	302	302	19-Mar-21	Cross Ditches	Donnie Creek	Quad/ATV	Permanent
Canfor	09-115-02	0	824	824	8-Oct-20	Combination	Kobes Creek	Quad/ATV	Semi-Permanent
Canfor	09-165-01	0	1,232	1,232	25-Jan-21	WBCD	Kobes Creek	Quad/ATV	Permanent
Canfor	09-165-02	0	1,714	1,714	25-Jan-21	WBCD	Kobes Creek	Quad/ATV	Permanent
Canfor	09-165-03	0	238	238	25-Jan-21	WBCD	Kobes Creek	Quad/ATV	Permanent
Canfor	19-101-00	0	1,424	1,424	22-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-102-00	0	1,623	1,623	20-Oct-20	Prescription	Laprise Creek	No Access	Permanent
Canfor	19-108-00	0	472	472	18-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-108-01	0	338	338	18-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-109-00	0	1,170	1,170	20-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-109-01	0	391	391	20-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-110-00	0	735	735	26-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-111-00	0	1,157	1,157	6-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-113-02	0	755	755	28-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent

Steward Name	Road Name	Start Metre	End Metre	Road Length (m)	Deactivation Date	Method	Operating Area	Access Type	Deactivation Level
Canfor	19-113-03	0	556	556	28-Jan-21	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-115-00	0	680	680	11-Nov-20	Combination	Laprise Creek	Quad/ATV	Permanent
Canfor	19-115-01	0	1,678	1,678	9-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-115-02	0	110	110	5-Nov-20	Combination	Laprise Creek	No Access	Permanent
Canfor	19-115-04	0	249	249	11-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-115-05	0	331	331	9-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-116-00	0	949	949	23-Oct-20	Combination	Laprise Creek	Quad/ATV	Permanent
Canfor	19-116-10	0	1,319	1,319	23-Oct-20	Combination	Laprise Creek	No Access	Permanent
Canfor	19-138-00	0	1,501	1,501	24-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-138-01	0	1,463	1,463	24-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-138-02	0	862	862	24-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	19-138-06	0	513	513	24-Nov-20	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
Canfor	20-078-00	0	1,948	1,948	9-Apr-20	Combination	Cypress Creek	Quad/ATV	Permanent
Canfor	20-078-01	0	1,429	1,429	9-Apr-20	Combination	Cypress Creek	Quad/ATV	Permanent
Canfor	21-046-00	0	3,000	3,000	30-Mar-21	Cross Ditches	Trutch Creek	Quad/ATV	Permanent
Canfor	21-046-01	0	349	349	30-Mar-21	Cross Ditches	Trutch Creek	Quad/ATV	Permanent
Canfor	21-046-02	0	1,244	1,244	30-Mar-21	Cross Ditches	Trutch Creek	Quad/ATV	Permanent
Canfor	24-049-00	0	1,802	1,802	22-Feb-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-049-01	0	266	266	22-Feb-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent

Steward Name	Road Name	Start Metre	End Metre	Road Length (m)	Deactivation Date	Method	Operating Area	Access Type	Deactivation Level
Canfor	24-050-00	0	2,219	2,219	22-Feb-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-233-00	0	857	857	1-Dec-20	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-233-01	0	318	318	1-Dec-20	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-264-00	0	2,265	2,265	27-Nov-20	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-277-00	0	1,697	1,697	7-Jan-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-277-01	0	611	611	7-Jan-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-366-00	0	510	510	2-Mar-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-372-01	0	255	255	15-Dec-20	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-373-00	0	4,847	4,847	5-Jan-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-373-00	2,867	3,678	811	5-Jan-21	Combination	Jedney Creek	No Access	Permanent
Canfor	24-373-01	0	444	444	5-Jan-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-373-02	0	270	270	5-Jan-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-394-00	0	274	274	2-Dec-20	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-394-01	0	562	562	2-Dec-20	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	24-394-02	0	215	215	2-Dec-20	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	36-040-05	0	381	381	4-Dec-20	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-041-01	0	607	607	2-Apr-20	Cross Ditches	Apsassin Creek	Quad/ATV	Semi-Permanent
Canfor	36-055-00	0	1,445	1,445	15-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent

Steward Name	Road Name	Start Metre	End Metre	Road Length (m)	Deactivation Date	Method	Operating Area	Access Type	Deactivation Level
Canfor	36-055-01	0	399	399	15-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-065-00	0	1,771	1,771	15-Dec-20	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-066-00	0	624	624	11-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-071-00	0	4,185	4,185	13-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-110-00	0	621	621	3-Dec-20	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor	36-113-00	0	1,936	1,936	19-Feb-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-114-00	0	1,316	1,316	19-Feb-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-115-00	0	1,554	1,554	3-Feb-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-115-01	0	808	808	3-Feb-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-115-02	0	356	356	3-Feb-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-116-00	0	1,093	1,093	21-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-116-01	0	1,623	1,623	21-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-116-02	0	325	325	21-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	36-116-03	0	333	333	21-Jan-21	Cross Ditches	Apsassin Creek	Quad/ATV	Permanent
Canfor	45-085-01	0	536	536	19-Sep-20	Combination	West Farrell Creek	Walk/Trail	Semi-Permanent
Canfor	45-085-02	0	307	307	19-Sep-20	Combination	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-089-00	0	2,352	2,352	31-Mar-21	Cross Ditches	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-090-01	0	2,186	2,186	31-Mar-21	Cross Ditches	West Farrell Creek	Quad/ATV	Semi-Permanent

Steward Name	Road Name	Start Metre	End Metre	Road Length (m)	Deactivation Date	Method	Operating Area	Access Type	Deactivation Level
Canfor	45-090-01	0	2,186	2,186	7-Apr-20	Cross Ditches	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-090-02	0	4,435	4,435	2-Apr-20	Cross Ditches	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-090-03	0	1,009	1,009	2-Apr-20	Cross Ditches	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-093-01	0	3,082	3,082	19-Sep-20	Combination	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-093-02	0	376	376	19-Sep-20	Combination	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-093-03	0	656	656	19-Sep-20	Combination	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-093-04	0	555	555	19-Sep-20	Combination	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-093-05	0	336	336	19-Sep-20	Combination	West Farrell Creek	Quad/ATV	Semi-Permanent
Canfor	45-102-00	0	732	732	17-Feb-21	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
Canfor	45-111-00	0	2,772	2,772	28-Jan-21	WBCD	West Farrell Creek	Quad/ATV	Permanent
Canfor	45-111-01	0	408	408	28-Jan-21	Water Bars	West Farrell Creek	Quad/ATV	Permanent
Canfor	R-45-C	0	2,005	2,005	9-Apr-20	Cross Ditches	off Beryl Prairie Road	Quad/ATV	Semi-Permanent
Canfor	R-45-C	0	2,005	2,005	29-Mar-21	Cross Ditches	off Beryl Prairie Road	Quad/ATV	Semi-Permanent
Canfor	S24-062-01	0	884	884	5-Jan-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	S24-080-00	0	744	744	24-Feb-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
Canfor	S24-080-01	0	455	455	24-Feb-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent

* ATV – All-terrain vehicle

Table 43: Licencee Access Structure Activities for April 1st, 2020-March 31st, 2021

Road Name	Structure Location (m)	Installation Date	Structure Type
03-099-00	0	15-Nov-20	Pipeline Xing - Single
05-147-00	20	20-Aug-20	Pipeline Xing - Multiple
07-148-00	9	2-Feb-21	Pipeline Crossing
09-021-04	321	10-Nov-20	Pipeline Crossing
19-115-00	26	15-Oct-20	Pipeline Xing - Single
19-115-05	77	15-Oct-20	Pipeline Xing - Single
19-138-00	2	15-Sep-20	Pipeline Xing - Single
19-138-06	88	15-Sep-20	Pipeline Xing - Single
24-050-00	75	15-Jan-21	Pipeline Xing - Single
24-233-01	129	15-Oct-20	Pipeline Xing - Multiple
24-277-00	836	15-Nov-20	Pipeline Xing - Multiple
24-394-01	103	4-Nov-20	Pipeline Crossing
Numac Plant Road	6,255	12-Aug-20	Bridge
S24-062-01	7	4-Nov-20	Pipeline Xing - Multiple
03-099-00	0	15-Nov-20	Pipeline Xing - Single

Table 44: Annual Report on Roads Constructed in the Fort St. John BCTS field office area for April 1st, 2020 to March 31st, 2021

Steward Name	Road Name	Start (m)	End (m)	Length (m)	Completion Date	Season	Operating Area	Method
BCTS	A94093-05101-01	0	364	364	2021/02/12	Winter	Aikman Creek	New Road
BCTS	A94093-05101-02	0	169	169	2021/02/10	Winter	Aikman Creek	New Road
BCTS	A94093-05101-03	0	463	463	2021/02/10	Winter	Aikman Creek	New Road
BCTS	A94093-05101-04	0	442	442	2021/02/10	Winter	Aikman Creek	New Road
BCTS	A94093-05101-A	0	2747	2747	2021/02/08	Winter	Aikman Creek	New Road
BCTS	A94093-05101-B	0	1449	1449	2021/02/10	Winter	Aikman Creek	New Road
BCTS	A95219-10068-01	0	760	760	2020/09/17	Fall	Blue Grave Creek	New Road
BCTS	FSR11074-01_NUMAC01	5992	20886	14894	2021/03/02	Winter	Donnie Creek	Transfer
BCTS	TA0111-09099-01	0	145	145	2020/10/24	Fall	Kobes Creek	New Road
BCTS	TA0111-09099-C	0	442	442	2020/11/25	Fall	Kobes Creek	New Road
BCTS	TA0111-09099-D	0	363	363	2020/11/26	Fall	Kobes Creek	New Road
BCTS	TA0111-09116-01	0	483	483	2020/11/18	Fall	Kobes Creek	New Road
BCTS	TA0111-09116-A	0	3031	3031	2020/11/20	Fall	Kobes Creek	New Road
BCTS	TA0111-09116-B	0	1761	1761	2020/11/15	Fall	Kobes Creek	New Road
BCTS	TA0111-09118-A	0	469	469	2020/11/05	Fall	Kobes Creek	New Road
BCTS	TA0111-09118-B	0	374	374	2020/11/10	Fall	Kobes Creek	New Road
BCTS	TA0111-09119-01	0	143	143	2020/11/08	Fall	Kobes Creek	New Road
BCTS	TA0111-09119-A	0	780	780	2020/11/10	Fall	Kobes Creek	New Road
BCTS	TA0111-09119-B	0	701	701	2020/11/10	Fall	Kobes Creek	New Road
BCTS	TA0111-09136-A	0	1832	1832	2020/11/11	Fall	Kobes Creek	New Road
BCTS	TA0242-45096-03	0	297	297	2020/10/15	Fall	West Farrell Creek	New Road
BCTS	TA0242-45096-04	0	449	449	2020/10/15	Fall	West Farrell Creek	New Road
BCTS	TA0242-45096-A	0	2040	2040	2020/10/09	Fall	West Farrell Creek	New Road
BCTS	TA0242-45097-01	0	644	644	2020/10/15	Fall	West Farrell Creek	New Road
BCTS	TA0242-45097-A	0	1219	1219	2020/10/15	Fall	West Farrell Creek	New Road
BCTS	TA0242-45097-Access	0	213	213	2020/10/15	Fall	West Farrell Creek	New Road

Steward Name	Road Name	Start (m)	End (m)	Length (m)	Completion Date	Season	Operating Area	Method
BCTS	TA0242-45097-B	0	440	440	2020/10/15	Fall	West Farrell Creek	New Road
BCTS	TA1146-21072-01	0	869	869	2020/08/06	Summer	Horse Gut Creek	New Road
BCTS	TA1146-21072-02	0	546	546	2020/08/28	Summer	Horse Gut Creek	New Road
BCTS	TA1146-21072-03	0	735	735	2020/08/20	Summer	Horse Gut Creek	New Road
BCTS	TA1146-21072-A	0	1673	1673	2020/10/06	Fall	Horse Gut Creek	New Road
BCTS	TA1181-24216-A	0	309	309	2020/03/25	Winter	Jedney Creek	New Road
BCTS	TA1181-24216-A	309	1050	741	2020/03/25	Winter	Jedney Creek	New Road
BCTS	TA1181-24222-01	0	853	853	2020/03/25	Winter	Jedney Creek	New Road
BCTS	TA1181-24222-02	0	438	438	2020/03/31	Winter	Jedney Creek	New Road
BCTS	TA1181-24222-A	0	1140	1140	2020/03/31	Winter	Jedney Creek	New Road
BCTS	TA1181-24230-A	0	480	480	2020/03/25	Winter	Jedney Creek	New Road
BCTS	TA1181-24230-A	480	1376	896	2020/03/31	Winter	Jedney Creek	New Road
BCTS	A95689-19058-01	0	528	528	2021/03/03	Winter	Laprise Creek	New Road
BCTS	A95689-19061-01	0	420	420	2021/02/18	Winter	Laprise Creek	New Road
BCTS	A95689-19056-A	0	849	849	2021/02/26	Winter	Laprise Creek	New Road
BCTS	A95689-19056-B	0	174	174	2021/02/26	Winter	Laprise Creek	New Road
BCTS	A95689-19058-A	0	1,142	1142	2021/03/03	Winter	Laprise Creek	New Road
BCTS	A95689-19056-01	0	414	414	2021/02/26	Winter	Laprise Creek	New Road
BCTS	A95689-19057-A	0	128	128	2021/02/24	Winter	Laprise Creek	New Road
BCTS	A95689-19061-A	0	711	711	2021/02/18	Winter	Laprise Creek	New Road
BCTS	A95319-09131-A	0	1,472	1472	2021/03/29	Spring	Kobes Creek	New Road
BCTS	A95319-09131-01	0	581	581	2021/03/29	Spring	Kobes Creek	New Road
BCTS	A95319-09075-01	0	182	182	2021/03/25	Spring	Kobes Creek	New Road
BCTS	A95319-09075-02	0	362	362	2021/03/25	Spring	Kobes Creek	New Road
BCTS	TA0214-19087-01	0	1,202	1,202	2021/01/21	Winter	Laprise Creek	New Road
BCTS	TA0214-19087-02	0	286	286	2021/01/21	Winter	Laprise Creek	New Road
BCTS	TA0214-19087-03	0	1,380	1,380	2021/01/21	Winter	Laprise Creek	New Road
BCTS	TA0214-19087-04	0	366	366	2021/01/21	Winter	Laprise Creek	New Road
BCTS	TA0214-19087-05	0	281	281	2021/01/21	Winter	Laprise Creek	New Road
BCTS	TA0214-19087-06	0	535	535	2021/01/21	Winter	Laprise Creek	New Road
BCTS	TA0214-19087-07	0	286	286	2021/01/21	Winter	Laprise Creek	New Road

Steward Name	Road Name	Start (m)	End (m)	Length (m)	Completion Date	Season	Operating Area	Method
BCTS	TA0214-19094-01	0	883	883	2021/02/11	Winter	Laprise Creek	New Road
BCTS	TA0214-19094-02	0	138	138	2021/02/11	Winter	Laprise Creek	New Road
BCTS	TA0214-19094-03	0	260	260	2021/02/11	Winter	Laprise Creek	New Road
BCTS	TA0214-19094-04	0	436	436	2021/02/11	Winter	Laprise Creek	New Road
BCTS	TA0215-07116-01	0	425	425	2021/03/04	Winter	Donnie Creek	New Road
BCTS	TA0215-07116-02	0	687	687	2021/03/04	Winter	Donnie Creek	New Road
BCTS	TA0215-07116-03	0	285	285	2021/03/04	Winter	Donnie Creek	New Road
BCTS	TA0215-07116-05	0	1,458	1,458	2021/03/04	Winter	Donnie Creek	New Road
BCTS	TA0215-07116-06	0	301	301	2021/03/04	Winter	Donnie Creek	New Road
BCTS	TA0245-05094-A	0	3,062	3,062	2021/03/16	Winter	Aikman Creek	New Road
BCTS	TA0245-05094-A	3,062	4,362	1,300	2021/03/16	Winter	Aikman Creek	New Road
BCTS	TA0217-07054-01	0	910	910	2021/02/20	Winter	Donnie Creek	New Road
BCTS	TA0217-07054-02	0	895	895	2021/02/20	Winter	Donnie Creek	New Road
BCTS	TA0217-07054-03	0	1,071	1,071	2021/02/20	Winter	Donnie Creek	New Road
BCTS	TA0217-07054-04	0	545	545	2021/02/20	Winter	Donnie Creek	New Road
BCTS	TA0217-07054-A	0	1,981	1,981	2021/02/20	Winter	Donnie Creek	New Road
BCTS	TA0217-07082-A	0	2,451	2,451	2020/12/09	Winter	Donnie Creek	New Road
BCTS	TA0217-07082-01	0	684	684	2020/12/09	Winter	Donnie Creek	New Road
BCTS	TA0213-19065-01	0	455	455	2021/03/05	Winter	Laprise Creek	New Road
BCTS	TA0213-19065-02	0	345	345	2021/03/05	Winter	Laprise Creek	New Road
BCTS	TA0213-19065-03	0	274	274	2021/03/05	Winter	Laprise Creek	New Road
BCTS	TA0213-19065-04	0	147	147	2021/03/05	Winter	Laprise Creek	New Road
BCTS	TA0213-19069-01	0	1,230	1,230	2020/12/28	Winter	Laprise Creek	New Road
BCTS	TA0213-19069-02	0	304	304	2020/12/28	Winter	Laprise Creek	New Road
BCTS	TA0213-19069-03	0	94	94	2020/12/28	Winter	Laprise Creek	New Road
BCTS	TA0213-19069-04	0	1,181	1,181	2020/12/28	Winter	Laprise Creek	New Road
BCTS	TA0213-19069-05	0	972	972	2020/12/28	Winter	Laprise Creek	New Road
BCTS	TA0213-19069-06	0	1,954	1,954	2020/12/28	Winter	Laprise Creek	New Road
BCTS	TA0213-19083-A	0	1,176	1,176	2021/03/05	Winter	Laprise Creek	New Road
BCTS	TA0213-19083-01	0	516	516	2021/03/05	Winter	Laprise Creek	New Road
BCTS	A95615-45053-01	0	226	226	2021-01-27	Winter	West Farrell Creek	New Road

Steward Name	Road Name	Start (m)	End (m)	Length (m)	Completion Date	Season	Operating Area	Method
BCTS	A95615-45053-E	0	368	368	2021-01-27	Winter	West Farrell Creek	New Road
BCTS	A95615-45053-A	0	134	134	2021-01-27	Winter	West Farrell Creek	New Road
BCTS	A95615-45053-C	0	350	350	2021-01-27	Winter	West Farrell Creek	New Road
BCTS	A95615-45053-B	0	159	159	2021-01-27	Winter	West Farrell Creek	New Road
BCTS	A95615-45053-F	0	100	100	2021-01-27	Winter	West Farrell Creek	New Road
BCTS	A95615-45053-D	0	201	201	2021-01-27	Winter	West Farrell Creek	New Road
BCTS	TA0219-08055-A	0	9,209	9,209	2020-12-22	Winter	Tommy Lakes	New Road
BCTS	TA0219-08055-01	0	2,108	2,108	2020-12-22	Winter	Tommy Lakes	New Road
BCTS	TA0219-08055-02	0	402	402	2020-12-22	Winter	Tommy Lakes	New Road
BCTS	TA0219-08055-03	0	374	374	2020-12-22	Winter	Tommy Lakes	New Road
BCTS	TA0219-08055-04	0	257	257	2020-12-22	Winter	Tommy Lakes	New Road
BCTS	TA0625-10064-A	0	1,011	1,011	2021-01-06	Winter	Blue Grave Creek	New Road
BCTS	TA0625-10064-A	1,011	1,868	857	2021-01-06	Winter	Blue Grave Creek	New Road
BCTS	TA0625-10064-01	0	1,636	1,636	2021-01-06	Winter	Blue Grave Creek	New Road
BCTS	TA0625-10061-A	0	1,614	1,614	2021-03-30	Winter	Blue Grave Creek	New Road
BCTS	TA0625-10061-B	0	217	217	2021-03-29	Winter	Blue Grave Creek	New Road
BCTS	TA0625-10071-A	0	38	38	2020-12-02	Winter	Blue Grave Creek	New Road
BCTS	TA0625-10071-A	38	174	136	2020-12-02	Winter	Blue Grave Creek	New Road
BCTS	A92981-19063-01	0	1,207	1,207	2021-03-18	Winter	Laprise Creek	New Road
BCTS	A92981-19062-01	0	296	296	2020-10-30	Winter	Laprise Creek	New Road
BCTS	A92981-19062-A	804	1,201	397	2020-10-30	Winter	Laprise Creek	New Road
BCTS	A92981-19062-A	1,201	1,650	449	2020-10-30	Winter	Laprise Creek	New Road
BCTS	A92981-19064-01	0	637	637	2021-03-24	Winter	Laprise Creek	New Road
BCTS	A92981-38015-A	0	1,721	1,721	2020-10-02	Winter	Laprise Creek	New Road
BCTS	A76795-45008-03	0	356	356	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45008-09	0	214	214	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45008-05	0	576	356	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45008-06	0	436	436	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45008-08	0	600	600	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45008-07	0	1,697	1,697	2020-11-25	Winter	West Farrell Creek	New Road

Steward Name	Road Name	Start (m)	End (m)	Length (m)	Completion Date	Season	Operating Area	Method
BCTS	A76795-45008-01	0	2,164	2,164	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45008-01	0	226	226	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45063-01	0	226	266	2021-01-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45063-02	0	155	155	2021-01-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45009-01	0	1,315	1,315	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45009-02	0	759	759	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A76795-45007-01	0	992	992	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	A95614-09106-A	0	857	857	2020-11-25	Winter	Kobes Creek	New Road
BCTS	A95614-09123-A	0	436	436	2020-11-25	Winter	Kobes Creek	New Road
BCTS	A76795-45007-02	0	568	568	2020-11-25	Winter	West Farrell Creek	New Road
BCTS	TA0113-10057-A	0	1,332	1,332	2020-02-27	Winter	Blue Grave Creek	New Road
BCTS	TA0113-10057-02	0	888	888	2020-02-27	Winter	Blue Grave Creek	New Road
BCTS	TA0113-10057-01	0	238	238	2020-02-27	Winter	Blue Grave Creek	New Road
BCTS	A95762-09107-A	0	1,366	1,366	2020-02-22	Winter	Kobes Creek	New Road
BCTS	A95762-09107-01	0	356	356	2020-02-22	Winter	Kobes Creek	New Road
BCTS	A95648-19101-02	0	736	736	2020-01-27	Winter	Laprise Creek	New Road
BCTS	A95648-19101-04	0	491	491	2020-01-27	Winter	Laprise Creek	New Road
BCTS	A95648-19101-A	0	3,150	3,150	2020-01-27	Winter	Laprise Creek	New Road
BCTS	A95648-19101-A	3,150	5,577	2,427	2020-01-27	Winter	Laprise Creek	New Road
BCTS	A95648-19101-03	0	691	691	2020-01-27	Winter	Laprise Creek	New Road
BCTS	A95648-19101-01	0	431	431	2020-01-27	Winter	Laprise Creek	New Road
BCTS	A95648-19101-06	0	644	644	2020-01-27	Winter	Laprise Creek	New Road
BCTS	A95648-19088-A	0	296	296	2020-02-05	Winter	Laprise Creek	New Road
BCTS	A95648-19088-01	0	1,774	1,774	2020-02-05	Winter	Laprise Creek	New Road

Table 45: Annual Report on Roads Deactivated in the Fort St John BCTS field office area for April 1st, 2020 to March 31st, 2021

Steward	Road Name	Start Chainage (m)	End Chainage (m)	Length (m)	Deactivation Date	Method	Operating Area	Access Type*	Level
BCTS	A95219-10067-01	0	129	129	2020-04-17	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	A95219-10067-A	0	435	435	2020-04-17	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	A95219-10067-B	0	459	459	2020-04-17	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	A95219-10068-01	0	760	760	2020-04-10	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A95219-10068-A	0	1754	1754	2020-04-10	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A95219-10068-B	0	950	950	2020-04-10	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A95219-10068-03	0	709	709	2020-04-10	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A95219-10068-05	0	134	134	2020-04-10	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A95219-10068-06	0	1269	1269	2020-04-10	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A95219-10068-07	0	594	594	2020-04-10	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A95762-09107-01	0	356	356	2020-04-09	Pullback	Kobes Creek	Quad/ATV	Permanent
BCTS	A95762-09107-A	0	1366	1366	2020-04-09	Pullback	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0108-05066-A	0	2307	2307	2020-04-11	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	TA0108-05067-01	0	957	957	2020-04-14	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	TA0113-10065-A	0	299	299	2020-05-07	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	TA0113-10065-B	0	856	856	2020-05-07	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	TA0115-45102-05	0	1734	1734	2020-07-30	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0115-45012-A	0	1840	1840	2020-07-31	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0115-45041-01	0	2212	2212	2020-07-31	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0115-45041-02	0	236	236	2020-07-31	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0115-45041-03	0	215	215	2020-07-31	Pullback	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA1181-24216-A	0	1050	1050	2020-08-21	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
BCTS	TA1181-24222-01	0	853	853	2020-08-27	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
BCTS	TA1181-24222-02	0	438	438	2020-04-22	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
BCTS	TA1181-2422-A	0	1140	1140	2020-04-25	Cross Ditches	Jedney Creek	Quad/ATV	Permanent

Steward	Road Name	Start Chainage (m)	End Chainage (m)	Length (m)	Deactivation Date	Method	Operating Area	Access Type*	Level
BCTS	TA1181-24230-A	0	1376	1376	2020-04-30	Cross Ditches	Jedney Creek	Quad/ATV	Permanent
BCTS	TA1274-06055-01	0	482	482	2020-04-13	Cross Ditches	Blair Creek	Quad/ATV	Permanent
BCTS	TA1274-06055-02	0	677	677	2020-04-13	Cross Ditches	Blair Creek	Quad/ATV	Permanent
BCTS	TA1274-06055-03	0	422	422	2020-04-13	Cross Ditches	Blair Creek	Quad/ATV	Permanent
BCTS	TA1274-06055-A	0	2323	2323	2020-04-13	Cross Ditches	Blair Creek	Quad/ATV	Permanent
BCTS	A95689-19057-A	0	848	848	2021-03-11	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95689-19058-01	0	528	528	2021-03-31	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95689-19058-A	0	1142	1142	2021-03-31	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95689-19061-01	0	420	420	2021-03-39	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95689-19061-A	0	711	711	2021-03-39	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19094-01	0	883	883	2021-12-26	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19094-02	0	138	138	2021-12-26	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19094-03	0	263	263	2021-12-26	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19094-04	0	436	436	2021-12-26	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A92981-19064-01	0	637	637	2021-03-30	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95614-09123-A	0	436	436	2020-04-16	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	A95614-09106-A	0	857	857	2020-04-09	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0245-05094-A	0	4362	4362	2021-03-16	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	A95648-19088-01	0	1774	1774	2020-04-09	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95648-19088-A	0	296	296	2020-04-09	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0242-45097-01	0	644	644	2020-10-30	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0242-45097-A	0	1219	1219	2020-10-30	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0242-45097-B	0	440	440	2020-10-30	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0242-45096-A	0	2040	2040	2020-11-30	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0242-45097-03	0	297	297	2020-11-30	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0242-45097-04	0	449	449	2020-11-30	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0213-19065-01	0	455	445	2021-04-07	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0213-19065-02	0	304	304	2021-04-07	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0213-19065-03	0	274	274	2021-04-07	Cross Ditches	Laprise Creek	Quad/ATV	Permanent

Steward	Road Name	Start Chainage (m)	End Chainage (m)	Length (m)	Deactivation Date	Method	Operating Area	Access Type*	Level
BCTS	TA0213-19065-04	0	147	147	2021-04-07	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0217-07054-01	0	910	910	2021-03-29	Cross Ditches	Dannie Creek	Quad/ATV	Permanent
BCTS	TA0217-07054-02	0	895	895	2021-03-29	Cross Ditches	Dannie Creek	Quad/ATV	Permanent
BCTS	TA0217-07054-03	0	1071	1071	2021-03-29	Cross Ditches	Dannie Creek	Quad/ATV	Permanent
BCTS	TA0217-07054-04	0	545	545	2021-03-29	Cross Ditches	Dannie Creek	Quad/ATV	Permanent
BCTS	TA0217-07054-A	0	1981	1981	2021-03-29	Cross Ditches	Dannie Creek	Quad/ATV	Permanent
BCTS	TA0217-07082-A	0	2451	2451	2021-03-29	Cross Ditches	Dannie Creek	Quad/ATV	Permanent
BCTS	A95648-19101-01	0	431	431	2020-04-09	Pullback	Laprise Creek	Quad/ATV	Permanent
BCTS	A95648-19101-02	0	736	736	2020-04-09	Pullback	Laprise Creek	Quad/ATV	Permanent
BCTS	A95648-19101-03	0	691	691	2020-04-09	Pullback	Laprise Creek	Quad/ATV	Permanent
BCTS	A95648-19101-04	0	491	491	2020-04-09	Pullback	Laprise Creek	Quad/ATV	Permanent
BCTS	A95648-19101-06	0	644	644	2020-04-09	Pullback	Laprise Creek	Quad/ATV	Permanent
BCTS	A95648-19101-A	0	5577	5577	2020-04-09	Pullback	Laprise Creek	Quad/ATV	Permanent
BCTS	A95689-19056-01	0	414	414	2021-03-22	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95689-19056-A	0	849	849	2021-03-22	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95689-19056-B	0	174	174	2021-03-22	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	A95615-4503-01	0	226	226	2021-03-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A95615-4503-A	0	134	134	2021-03-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A95615-4503-B	0	159	159	2021-03-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A95615-4503-C	0	350	350	2021-03-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A95615-4503-D	0	201	201	2021-03-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A95615-4503-E	0	368	368	2021-03-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A95615-4503-F	0	100	100	2021-03-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A95762-09147-01	0	143	143	2020-04-13	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	A95762-09147-A	0	1508	1508	2020-04-13	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0213-19069-01	0	1230	1230	2021-03-12	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0213-19069-02	0	304	304	2021-03-12	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0213-19069-03	0	94	94	2021-03-12	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0213-19069-04	0	1181	1181	2021-03-12	Cross Ditches	Laprise Creek	Quad/ATV	Permanent

Steward	Road Name	Start Chainage (m)	End Chainage (m)	Length (m)	Deactivation Date	Method	Operating Area	Access Type*	Level
BCTS	TA0213-19069-05	0	972	972	2021-03-12	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0213-19069-06	0	1954	1954	2021-03-12	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19087-01	0	1202	1202	2021-02-19	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19087-02	0	286	286	2021-02-19	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19087-03	0	1380	1380	2021-02-19	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19087-04	0	366	366	2021-02-19	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19087-05	0	281	281	2021-02-19	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19087-06	0	535	535	2021-02-19	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0214-19087-07	0	286	286	2021-02-19	Cross Ditches	Laprise Creek	Quad/ATV	Permanent
BCTS	TA0219-08055-01	0	2108	2108	2021-02-25	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
BCTS	TA0219-08055-02	0	402	402	2021-02-25	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
BCTS	TA0219-08055-03	0	374	374	2021-02-25	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
BCTS	TA0219-08055-04	0	257	257	2021-02-25	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
BCTS	TA0219-08055-A	0	9209	9209	2021-02-25	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
BCTS	TA0625-10071-A	0	174	174	2021-01-21	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	A76795-45008-01	0	2164	2164	2021-02-11	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45008-03	0	356	356	2021-02-11	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45008-05	0	576	576	2021-02-11	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45008-06	0	436	436	2021-02-11	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45008-07	0	1697	1697	2021-02-11	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45008-08	0	436	436	2021-02-11	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45008-09	0	214	214	2021-02-11	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45063-01	0	226	226	2021-02-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	A76795-45063-02	0	155	155	2021-02-22	Cross Ditches	West Farrell Creek	Quad/ATV	Permanent
BCTS	TA0111-09099-01	0	145	145	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09099-C	0	442	442	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09099-D	0	363	363	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09136-A	0	1832	1832	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	A94063-05101-01	0	364	364	2021/03/18	Cross Ditches	Aikman Creek	Quad/ATV	Permanent

Steward	Road Name	Start Chainage (m)	End Chainage (m)	Length (m)	Deactivation Date	Method	Operating Area	Access Type*	Level
BCTS	A94063-05101-02	0	169	169	2021/03/17	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	A94063-05101-03	0	463	463	2021/03/17	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	A94063-05101-04	0	442	442	2021/03/17	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	A94063-05101-A	0	2747	2747	2021/03/17	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	A94063-05101-B	0	1449	1449	2021/03/17	Cross Ditches	Aikman Creek	Quad/ATV	Permanent
BCTS	TA0111-09116-01	0	483	483	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09116-A	0	3031	3031	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09116-B	0	1761	1761	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09118-A	0	469	469	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09118-B	0	374	374	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09119-A	0	780	780	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA0111-09119-B	0	701	701	2020/12/10	Cross Ditches	Kobes Creek	Quad/ATV	Permanent
BCTS	TA1146-21072-01	0	869	869	2020/11/17	Cross Ditches	Horse Gut Creek	Quad/ATV	Permanent
BCTS	TA1146-21072-02	0	546	546	2020/11/18	Cross Ditches	Horse Gut Creek	Quad/ATV	Permanent
BCTS	TA1146-21072-03	0	735	735	2020/11/17	Cross Ditches	Horse Gut Creek	Quad/ATV	Permanent
BCTS	TA0113-10057-01	0	238	238	2021/02/15	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	TA0113-10057-02	0	888	888	2020/04/18	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	TA0113-10057-03	0	1184	1184	2021/02/15	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	TA0113-10057-04	0	112	112	2020/05/04	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	TA0113-10057-05	0	945	945	2021/02/15	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
BCTS	TA0113-10057-A	0	1332	1332	2021/02/15	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent

Appendix 3: Reforestation

Table 46: BCTS Establishment Delay Complete (Inventory Label) 2020

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	Sp 2 %
2013-12-10	94A 071 056	A89120		02263	Planting (Walkthrough)	2020-08-03	A	33.29	I	At	60	Sx	20
2019-02-01	94B 069 040	A94063		05087	Planting (Walkthrough)	2020-07-26	A	22.64	I	Sx	40	At	30
2019-03-22	94B 097 010	TA0442		20113	Planting (Walkthrough)	2020-08-05	A	91.57	I	At	50	Pli	50
2020-03-02	94G 020 023	TA1181		24222	Planting (Walkthrough)	2020-07-16	B	48.79	I	Pli	90	At	10
2020-03-25	94B 048 035	A95219		10067	Planting (Walkthrough)	2020-08-07	A	32.19	I	Sx	70	Ep	30
2018-10-05	94G 040 040	A94166		24262	Planting (Walkthrough)	2020-07-11	A	29.55	I	At	60	Pli	40
2019-01-24	94G 030 043	A95966		24273	Planting (Walkthrough)	2020-07-12	A	27.85	I	Pli	40	Sx	30
2020-03-06	94G 030 046	TA1181		24230	Planting (Walkthrough)	2020-07-17	B	18.54	I	Pli	100	-	-
2008-02-12	94A 055 038	A82651		27009	Decid Stocking - FSJ	2020-07-15	B	19.34	I	Ep	80	Ac	20
2016-03-10	94B 100 037	A76786		03047	Planting (Walkthrough)	2020-07-29	A	49.24	I	At	70	Sx	20
2017-12-20	94B 090 035	A92983		06043	Decid Stocking - FSJ	2020-08-11	B2	5.41	I	At	80	Sx	20
2019-11-25	94B 049 054	TA0110		09079	Planting (Walkthrough)	2020-08-07	A	18.02	I	Sx	50	Ac	20
2019-11-20	94B 040 126	TA0110		09117	Planting (Walkthrough)	2020-08-07	A	14.51	I	Sx	80	Ac	20
2018-04-11	94B 097 007	A80057		20065	Planting (Walkthrough)	2020-08-06	A	117.60	I	Pli	90	At	10
2020-01-29	94B 057 025	A95219		10068	Planting (Walkthrough)	2020-08-07	A	32.13	I	Sx	100	-	-
2018-02-15	94B 079 018	A94075		06038	Decid Stocking - FSJ	2020-08-21	A	105.55	I	At	80	Ac	10

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	Sp 2 %
2019-01-02	94G 030 041	A95966		24239	Planting (Walkthrough)	2020-07-19	A	5.60	I	Pli	60	At	40
2018-02-19	94H 021 043	A94557		24280	Planting (Walkthrough)	2020-07-13	A	16.48	I	Sx	40	Pli	40
2008-02-12	94A 055 038	A82651		27009	Decid Stocking - FSJ	2020-07-15	B	19.34	I	Ep	80	Ac	20
2014-04-30	94H 012 023	A90904		18063	Decid Stocking - FSJ -	2020-06-11	B1	9.82	I	At	100	-	-
2018-01-24	94B 090 036	A92983		06040	Decid Stocking - FSJ	2020-08-19	A	30.33	I	At	90	Sx	10
2018-02-14	94B 096 011	A80058		20070	Planting (Walkthrough)	2020-08-06	A	63.71	I	Pli	70	At	30
2019-03-15	94B 097 008	A80057		20090	Planting (Walkthrough)	2020-08-06	A	2.41	I	Pli	100	-	-
2018-02-05	94G 040 044	A94166		24263	Planting (Walkthrough)	2020-07-13	A	22.96	I	At	50	Sx	30
2018-10-09	94H 021 059	A95967		24059	Planting (Walkthrough)	2020-07-08	A	31.78	I	Sx	60	At	40
2017-01-18	94B 030 113	A93052		45039	Planting (Walkthrough)	2020-07-26	B	23.94	I	Ac	80	Sx	20
2018-10-11	94G 030 039	A94166		24260	Planting (Walkthrough)	2020-07-11	B	14.84	I	Pli	70	At	30
2016-02-29	94A 094 043	A92239		29016	Planting (Walkthrough)	2020-07-30	A	152.82	I	At	90	Sx	10
2018-06-30	94B 097 006	A80058		20068	Planting (Walkthrough)	2020-08-05	A	31.48	I	At	60	Pli	40
2018-01-28	94B 096 012	A80058		20069	Planting (Walkthrough)	2020-08-06	B	24.48	I	At	50	Pli	50
2020-01-06	94B 097 012	TA0442		20112	Planting (Walkthrough)	2020-08-05	A	37.20	I	Pli	80	At	20
2018-12-12	94H 011 024	A95965		24207	Planting (Walkthrough)	2020-07-20	A	72.05	I	At	50	Ep	20
2016-02-25	94A 021 038	A92979		45057	Planting (Walkthrough)	2020-07-26	A	19.17	I	Ac	50	At	30

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	Sp 2 %
2008-02-22	94A 054 061	A63404		1	Decid Stocking - FSJ	2020-07-15	A	47.83	I	At	100	-	-
2018-06-30	94B 097 005	A80058		20067	Planting (Walkthrough)	2020-08-01	A	34.65	I	At	60	Pli	30
2020-03-09	94B 097 011	A94058		20091	Planting (Walkthrough)	2020-08-06	A	16.05	I	At	80	Bl	20
2005-04-27	94A 065 010	A63417		1	Decid Stocking - FSJ	2020-07-18	B	18.34	I	At	70	Ep	30
2018-02-19	94H 021 052	A92977		24255	Planting (Walkthrough)	2020-07-18	A	70.01	I	At	50	Pli	20
2018-12-06	94G 019 028	A95046		24196	Planting (Walkthrough)	2020-07-06	A	8.80	I	At	70	Sx	20
2018-11-30	94G 019 027	A95046		24194	Planting (Walkthrough)	2020-07-06	A	12.52	I	Pli	70	At	30
2018-02-19	94H 021 047	A94557		24281	Planting (Walkthrough)	2020-07-13	A	16.71	I	Ac	30	Sx	30
2014-04-30	94H 012 023	A90904		18063	Decid Stocking - FSJ - FRPA - Section 108	2020-06-11	B1	9.82	I	At	100	-	-
2017-12-14	94B 030 119	A92984		45028	Decid Stocking - FSJ	2020-07-13	B	9.99	I	At	85	Sx	15
2017-10-03	94B 030 114	A93055		45050	Decid Stocking - FSJ	2020-08-30	B	10.64	I	At	55	Ac	30
2019-03-20	94B 096 013	A80057		20089	Planting (Walkthrough)	2020-08-05	B	81.97	I	Pli	90	Sb	10
2019-02-13	94G 040 041	A95044		19021	Planting (Walkthrough)	2020-07-17	A	12.30	I	At	50	Sx	50
2020-03-16	94G 020 024	TA1181		24216	Planting (Walkthrough)	2020-07-13	A	12.49	I	Pli	100	-	-
2016-02-16	94A 021 037	A92979		45016	Planting (Walkthrough)	2020-07-26	A	34.65	I	Ac	70	Sx	30
2017-03-22	94A 065 023	A94642		27004	Decid Stocking - FSJ	2020-07-31	C	19.54	I	At	100	-	-

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	Sp 2 %
2013-02-01	94A 069 016	A63422		1	Decid Stocking - FSJ	2020-07-01	C	2.79	I	At	55	Sx	25
2017-03-22	94A 055 069	A94642		1	Decid Stocking - FSJ	2020-07-15	C	19.64	I	At	90	Ep	10
2005-03-31	94A 055 035	A64846		1	Decid Stocking - FSJ	2020-07-17	B	45.09	I	At	70	Ep	20
2019-12-31	94B 057 024	TA0113		10065	Planting (Walkthrough)	2020-07-29	A	13.16	I	Sx	100	-	-
2019-03-28	94B 097 009	TA0442		20071	Planting (Walkthrough)	2020-08-06	A	21.50	I	At	40	Pli	40

* Abbreviations:

Pli – Lodgepole Pine interior

Pl – Lodgepole Pine

Sx – Hybrid Spruce

Ac – Poplar

At – Trembling Aspen

Ep – Paper Birch

Bl – Subalpine Fir

Sb – Black Spruce

Table 47: BCTS Establishment Delay Complete (Silviculture Label) 2020

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	**Sp 2 %**
2008-02-12	94A 055 038	A82651		27009	Decid Stocking - FSJ	2020-07-15	B	19.34	S	At	80	Ep	20
2017-12-20	94B 090 036	A92983		06043	Decid Stocking - FSJ	2020-08-11	B2	5.41	S	Sx	68	Ac	27
2018-02-15	94B 079 018	A94075		06038	Decid Stocking - FSJ	2020-08-21	A	105.55	S	At	100		
2008-02-12	94A 055 038	A82651		27009	Decid Stocking - FSJ	2020-07-15	B	19.34	S	At	80	Ep	20
2018-01-24	94B 090 036	A92983		06040	Decid Stocking - FSJ	2020-08-19	A	30.33	S	At	55	Sx	45
2008-02-22	94A 054 061	A63404		1	Decid Stocking - FSJ	2020-07-15	A	47.83	S	At	96	Ac	4
2008-02-22	94A 054 061	A63404		1	Decid Stocking - FSJ	2020-07-15	A	47.83	S	At	96	Ac	4
2005-04-27	94A 065 010	A63417		1	Decid Stocking - FSJ	2020-07-18	B	18.34	S	At	80	Ep	20
2017-12-14	94B 030 119	A92984		45028	Decid Stocking - FSJ	2020-07-13	B	9.99	S	Sx	55	At	45
2017-10-03	94B 030 114	A93055		45050	Decid Stocking - FSJ	2020-08-30	B	10.64	S	Sx	60	At	25
2017-03-22	94A 065	A94642		27004	Decid Stocking - FSJ	2020-07-31	C	19.54	S	Sx	70	At	30

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	**Sp 2 %**
	023												
2013-02-01	94A 069 016	A63422		1	Decid Stocking - FSJ	2020-07-01	C	7.00	S	At	100		
		A94642		1	Decid Stocking - FSJ	2020-07-15	B	19.64					
2005-03-31	94A 055 035	A64846		1	Decid Stocking - FSJ	2020-07-17	B	45.09	S	At	90	10	
2014-04-30	94H 012 023	A90904		18063	Decid Stocking - FSJ - FRPA - Section 108	2020-06-11	B1/B2	9.82	S	At	75	Ep	25
		A90904		18063	Decid Stocking - FSJ - FRPA - Section 108	2020-06-11		9.82					
2013-12-10	94A 071 056	A89120		02263	Planting(Walkthrough)	2020-08-03	A	33.29	S	Sx	81	Pli	9
2019-02-01	94B 069 040	A94063		05087	Planting(Walkthrough)	2020-07-26	A	22.64	S	Sx	100		
2019-03-22	94B 097 010	TA0442		20113	Planting(Walkthrough)	2020-08-05	A/B	91.57	S	Pli	90	Bl	10
2020-03-02	94G 20 023	TA1181		24222	Planting(Walkthrough)	2020-07-16	A/B	48.79	S	Pli	90	Sx	10
2020-03-25	94B 048 035	A95219		10067	Planting(Walkthrough)	2020-08-07	A	32.19	S	Sx	100		
2018-10-05	94G 040 040	A94166		24262	Planting(Walkthrough)	2020-07-11	A	29.55	S	Pli	100		

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	**Sp 2 %**
2019-01-24	94G 030 043	A95966		24273	Planting(Walkthrough)	2020-07-12	A	27.85	S	Pli	58	Sx	42
2020-03-06	94G 030 046	TA1181		24230	Planting(Walkthrough)	2020-07-17	A/B	18.54	S	Pli	85	Sx	15
2016-03-10	94B 100 037	A76786		03047	Planting(Walkthrough)	2020-07-29	A	49.24	S	Sx	84	Pli	16
2019-11-25	94B 049 054	TA0110		09079	Planting(Walkthrough)	2020-08-07	A	18.02	S	Sx	100		
2019-11-20	94B 040 126	TA0110		09117	Planting(Walkthrough)	2020-08-07	A	14.51	S	Sx	100		
2018-04-11	94B 097 007	A80057		20065	Planting(Walkthrough)	2020-08-06	A	117.60	S	Pli	100		
2020-01-29	94B 057 025	A95219		10068	Planting(Walkthrough)	2020-08-07	A	32.13	S	Sx	100		
201—01-02	94G 030 041	A95966		24239	Planting(Walkthrough)	2020-07-19	A	5.60	S	Pli	100		
2018-02-19	94H 021 043	A94557		24280	Planting(Walkthrough)	2020-07-13	A/B	16.48	S	Pli	70	Sx	30
2018-02-14	94B 096 011	A80058		20070	Planting(Walkthrough)	2020-08-06	A/B	63.71	S	Pli	100		
2019-03-15	94B 097 008	A80057		20090	Planting(Walkthrough)	2020-08-06	A	2.41	S	Pli	100		

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	**Sp 2 %**
2018-02-05	94G 040 044	A94166		24263	Planting(Walkthrough)	2020-07-13	A/B	22.96	S	Sx	55	Pli	45
2018-10-09	94H 021 059	A95967		24059	Planting(Walkthrough)	2020-07-08	A	31.78	S	Sx	100		
2017-01-18	94B 030 113	A93052		45039	Planting(Walkthrough)	2020-07-26	B	23.94	S	Sx	100		
2018-10-11	94G 030 039	A94166		24260	Planting(Walkthrough)	2020-07-11	A/B	14.84	S	Pli	60	Sx	40
2016-02-29	94A 094 043	A92239		29016	Planting(Walkthrough)	2020-07-30	A	152.82	S	Sx	87	Pli	13
2018-06-30	94B 097 006	A80058		20068	Planting(Walkthrough)	2020-08-05	A	31.48	S	Pli	100		
2018-01-28	94B 096 012	A80058		20069	Planting(Walkthrough)	2020-08-06	A/B	24.48	S	Pli	100		
2020-01-06	94B 097 012	TA0442		20112	Planting(Walkthrough)	2020-08-05	A	37.20	S	Pli	100		
2018-12-12	94H 011 024	A95965		24207	Planting(Walkthrough)	2020-07-20	A	72.05	S	Pli	68	Sx	32
2016-02-25	94A 021 038	A92979		45057	Planting(Walkthrough)	2020-07-26	A	19.17	S	Sx	100		
2018-02-22	94B 097 005	A80058		20067	Planting(Walkthrough)	2020-08-01	A/B	34.65	S	Pli	100		

Harvest Date	Opening	Licence	Permit	Block ID	Activity	Regen Met Date	Stratum	Area	Layer	Sp. 1*	Sp 1 %	Sp. 2*	**Sp 2 %**
2020-02-05	94B 097 011	A94058		20091	Planting(Walkthrough)	2020-08-06	A/B	16.05	S	Pli	100		
2018-02-19	94H 021 052	A92977		24255	Planting(Walkthrough)	2020-07-18	A	70.01	S	Pli	50	Sx	50
2018-12-06	94G 019 028	A95046		24196	Planting(Walkthrough)	2020-07-06	A	8.80	S	Sx	59	Pli	41
2018-11-30	94G 019 027	A95046		24194	Planting(Walkthrough)	2020-07-06	A	12.52	S	Pli	100		
2018-02-19	94H 021 047	A94557		24281	Planting(Walkthrough)	2020-07-13	A/B	16.71	S	Sx	60	Pli	40
2019-03-20	94B 096 013	A80057		20089	Planting(Walkthrough)	2020-08-05	A/B	81.97	S	Pli	100		
2019-02-13	94G 040 041	A95044		19021	Planting(Walkthrough)	2020-07-17	1	12.30	S	Sx	100		
2020-03-16	94G 20 024	TA1181		24216	Planting(Walkthrough)	2020-07-13	A	12.49	S	Pli	100		
2016-02-16	94A 021 037	A92979		45016	Planting(Walkthrough)	2020-07-26	A	34.65	S	Sx	100		
2019-12-31	94B 057 024	TA0113		10065	Planting(Walkthrough)	2020-07-29	A	13.16	S	Sx	100		
2019-03-28	94B 097 009	TA0442		20071	Planting(Walkthrough)	2020-08-06	A	21.50	S	Pli	100		

* Abbreviations:

Pli – Lodgepole Pine interior

Pl – Lodgepole Pine

Sx – Hybrid Spruce

Ac – Poplar

At – Trembling Aspen

Ep – Paper Birch

Table 48: BCTS Planting Activities (2020)

Harvest Start Date	Opening	Licence	Permit	Block ID	Activity	Activity Date	Area	Seed Lot #	Species	# Trees
2018-04-11	94B 097 007	A80057	80057	20065	Planting (Container) - FSJ	2020-07-27	117.574989	43123	Lodgepole Pine	224,208
2018-02-05	94G 040 044	A94166	94166	24263	Planting (Container) - FSJ	2020-07-08	22.961718	8789 63677	Lodgepole Pine Hybrid Spruce	28,040 15,650
2018-12-21	94G 030 040	A95966	95966	24238	Planting (Container) - FSJ	2020-07-14	32.407392	8789	Lodgepole Pine	63,210
2018-02-19	94H 021 047	A94557	94557	24281	Planting (Container) - FSJ	2020-07-04	16.709645	39464 63677	Lodgepole Pine Hybrid Spruce	14,400 14,100
2017-12-20	94B 090 035	A92983	92983	06043	Road/Pile Plant - FSJ	2020-08-04	2.015024	60455	Hybrid Spruce	3,756
2018-11-16	94H 021 056	A95043	95043	24064	Road/Pile Plant - FSJ	2020-08-04	1.7	60455	Hybrid Spruce	1,512
2016-02-29	94A 094 043	A92239	92239	29016	Fill Plant (Container) - FSJ	2020-07-29	16.792098	60455	Hybrid Spruce	16,770
2018-06-30	94B 097 005	A80058	80058	20067	Planting (Container) - FSJ	2020-07-28	34.653154	43123	Lodgepole Pine	58,320
2020-01-06	94B 097 012	TA0442	A0442	20112	Planting (Container) - FSJ	2020-08-04	37.188373	43123	Lodgepole Pine	63,180
2018-10-09	94H 021 058	A95967	95967	24272	Planting (Container) - FSJ	2020-07-02	11.738011	39464	Lodgepole Pine	20,010
2018-03-29	94G 040 043	A94166	94166	24247	Planting (Container) - FSJ	2020-07-08	38.038777	8789	Lodgepole Pine	70,210
2019-01-10	94G 030	A95966	95966	24245	Planting (Container) -	2020-07-13	27.621724	39464	Lodgepole Pine	23,950

Harvest Start Date	Opening	Licence	Permit	Block ID	Activity	Activity Date	Area	Seed Lot #	Species	# Trees
	042				FSJ			63677	Hybrid Spruce	23,910
2018-11-30	94G 019 027	A95046	95046	24194	Planting (Container) - FSJ	2020-06-28	12.51894	39464	Lodgepole Pine	19,170
2018-11-16	94H 021 055	A95043	95043	24362	Road/Pile Plant - FSJ	2020-08-04	0.72346	60455	Hybrid Spruce	1,512
2019-12-31	94B 057 024	TA0113	A0113	10065	Planting (Container) - FSJ	2020-07-28	13.157456	60455	Hybrid Spruce	20,550
2020-01-29	94B 057 025	A95219	95219	10068	Planting (Container) - FSJ	2020-07-31	32.1	60455	Hybrid Spruce	55,308
2017-04-12	94A 054 130	A94078	94078	01026	Road/Pile Plant - FSJ	2020-08-05	4.814174	60455	Hybrid Spruce	9,852
2019-03-22	94B 097 010	TA0442	A0442	20113	Planting (Container) - FSJ	2020-07-28	91.566862	43123	Lodgepole Pine	156,816
2018-11-28	94G 019 029	A95046	95046	24193	Planting (Container) - FSJ	2020-06-28	10.979115	8789 63677	Lodgepole Pine Hybrid Spruce	9,780 9,760
2018-11-02	94H 021 053	A94080	94080	24058	Road/Pile Plant - FSJ	2020-08-04	0.458963	60455	Hybrid Spruce	432
2020-03-25	94B 048 035	A95219	95219	10067	Planting (Container) - FSJ	2020-08-04	32.194806	60455	Hybrid Spruce	51,068
2018-06-30	94B 097 006	A80058	80058	20068	Planting (Container) - FSJ	2020-07-31	31.477343	43123	Lodgepole Pine	53,460
2018-10-09	94H 021 059	A95967	95967	24059	Planting (Container) - FSJ	2020-06-29	31.779728	63677	Hybrid Spruce	53,440
2018-10-11	94G 040 039	A94166	94166	24246	Planting (Container) - FSJ	2020-07-09	21.653958	8789	Lodgepole Pine	38,510
2019-01-02	94G 030 041	A95966	95966	24239	Planting (Container) - FSJ	2020-07-17	5.604185	39464 8789	Lodgepole Pine Lodgepole Pine	5,410 4,180
2017-01-18	94B 030 113	A93052	93052	45039	Planting (Container) - FSJ	2020-07-20	12.027238	60455	Hybrid Spruce	19,962
2019-02-01	94B 069 040	A94063	94063	05087	Planting (Container) - FSJ	2020-07-24	22.635035	60455	Hybrid Spruce	33,924
2017-12-14	94B 030 119	A92984	92984	45028	Road/Pile Plant - FSJ	2020-08-05	1.585942	60455	Hybrid Spruce	3,984
2018-02-14	94B 096	A80058	80058	20070	Planting (Container) -	2020-08-05	38.9	43123	Lodgepole Pine	77,697

Harvest Start Date	Opening	Licence	Permit	Block ID	Activity	Activity Date	Area	Seed Lot #	Species	# Trees
	011				FSJ					
2019-03-15	94B 097 008	A80057	80057	20090	Planting (Container) - FSJ	2020-08-05	1.376493	43123	Lodgepole Pine	3,564
2018-10-11	94G 040 039	A94166	94166	24246	Planting (Container) - FSJ	2020-07-09	21.653958	8789	Lodgepole Pine	38,510
2019-01-02	94G 030 041	A95966	95966	24239	Planting (Container) - FSJ	2020-07-17	5.604185	39464	Lodgepole Pine	9,590
2020-03-06	94G 030046	TA1181	A1181	24230	Planting (Container) - FSJ	2020-07-12	18.536299	39464 63677	Lodgepole Pine Hybrid Spruce	25,790 3,670
2020-03-02	94G 020 023	TA1181	A1181	24222	Planting (Container) - FSJ	2020-07-12	48.793535	8789 63677	Lodgepole Pine Hybrid Spruce	78,610 9,280
2020-03-16	94G 020 024	TA1181	A1181	24216	Planting (Container) - FSJ	2020-07-10	12.490185	39464	Lodgepole Pine	22,220
2016-12-01	94B 090 034	A93058	93058	06090	Planting (Container) - FSJ	2020-07-24	3.48748	60455	Hybrid Spruce	5,160
2016-02-25	94A 021 038	A92979	92979	45057	Fill Plant (Container) - FSJ	2020-07-24	19.1679	60455	Hybrid Spruce	18,162
2019-11-25	94B 049 054	TA0110	A0110	09079	Planting (Container) - FSJ	2020-08-05	18.020116	60455	Hybrid Spruce	31,476
2018-11-16	94H 021 061	A95043	95043	24067	Road/Pile Plant - FSJ	2020-08-04	2.860859	60455	Hybrid Spruce	5,184
2020-03-09	94B 097 011	A94058	94058	20091	Planting (Container) - FSJ	2020-08-04	16.04523	43123	Lodgepole Pine	27,216
2018-10-05	94G 040 040	A94166	94166	24262	Planting (Container) - FSJ	2020-07-04	29.553636	8789	Lodgepole Pine	53,690
2018-12-06	94G 019 028	A95046	95046	24196	Planting (Container) - FSJ	2020-06-28	8.803662	8789 63677	Lodgepole Pine Hybrid Spruce	9,450 7,680
2013-12-10	94A 071 056	A89120	89120	02263	Fill Plant (Container) - FSJ	2020-08-01	3.574482	60455	Hybrid Spruce	3,822
2019-02-14	94B 070	A94063	94063	05054	Road/Pile Plant - FSJ	2020-08-04	0.713616	60455	Hybrid Spruce	1,464

Harvest Start Date	Opening	Licence	Permit	Block ID	Activity	Activity Date	Area	Seed Lot #	Species	# Trees
	040									
2019-11-20	94B 040 126	TA0110	A0110	09117	Planting (Container) - FSJ	2020-08-04	14.505985	60455	Hybrid Spruce	27,676
2016-02-16	94A 021 037	A92979	92979	45016	Fill Plant (Container) - FSJ	2020-07-22	9.052013	60455	Hybrid Spruce	8,268
2019-03-20	94B 096 013	A80057	80057	20089	Planting (Container) - FSJ	2020-07-27	81.965476	43123	Lodgepole Pine	156,816
2018-10-11	94G 030 039	A94166	94166	24260	Planting (Container) - FSJ	2020-07-05	14.844512	39464 63677	Lodgepole Pine Hybrid Spruce	20,450 4,690
2018-12-12	94H 011 024	A95965	95965	24207	Planting (Container) - FSJ	2020-07-13	72.053765	8789 63677	Lodgepole Pine Hybrid Spruce	69,580 57,420
2016-02-16	94A 021 042	A92978	92978	45021	Fill Plant (Container) - FSJ	2020-07-25	4.34764	39464	Hybrid Spruce	3,036
2019-02-13	94G 040 041	A95044	95044	19021	Planting (Container) - FSJ	2020-07-17	11.474741	39464 63677	Lodgepole Pine Hybrid Spruce	3,340 15,650
2019-03-28	94B 097 009	TA0442	A0442	20071	Planting (Container) - FSJ	2020-08-05	21.448353	43123	Lodgepole Pine	35,640
2018-01-28	94B 096 012	A80058	80058	20069	Planting (Container) - FSJ	2020-08-04	24.478071	43123	Lodgepole Pine	42,768
2018-02-19	94H 021 052	A92977	92977	24255	Planting (Container) - FSJ	2020-07-04	70.0055	8789 63677	Lodgepole Pine Hybrid Spruce	87,230 47,160
2019-01-24	94G 030 040	A95966	95966	24273	Planting (Container) - FSJ	2020-07-05	27.848931	39464 63677	Lodgepole Pine Hybrid Spruce	25,440 24,880
2018-10-09	94H 021 060	A95967	95967	24297	Planting (Container) - FSJ	2020-07-04	6.894764	8789 63677	Lodgepole Pine Hybrid Spruce	7,310 7,310
2018-02-19	94H 021 043	A94557	94557	24280	Planting (Container) - FSJ	2020-07-06	16.484872	8789 63677	Lodgepole Pine Hybrid Spruce	20,520 6,580

Harvest Start Date	Opening	Licence	Permit	Block ID	Activity	Activity Date	Area	Seed Lot #	Species	# Trees
2018-12-21	94G 030 040	A95966	95966	24238	Planting (Container) - FSJ	2020-07-14	32.407392	8789	Lodgepole Pine	63,210
2016-03-10	94B 100 037	A76786	76786	03047	Fill Plant (Container) - FSJ	2020-07-25	49.237454	60455	Hybrid Spruce	63,528
2016-02-16	94A 021 041	A92978	92978	45020	Fill Plant (Container) - FSJ	2020-07-22	9.021039	60455	Hybrid Spruce	8,154

Table 49: Predicted and Target Volumes by Stratum for Coniferous - BCTS 2020

Block Strata Summary	Stratum	Net Area (ha)	Mean SI	Mean EA	Mean MSQ	Mean TSS	PMV/ha	Tot PMV	Target MSQ	Target EA	TMV/ha	Total TMV	PMV % of Target
A70094-1(B)	Pl/WG/14-16/1120-1320	47.6	17.3	14.6	3.9	1,200	364.0	17,327	3.7	14.0	342.8	16,316	106.2
A63460-1(A) A63460-1(B)	Pl/WG/18-20/1120-1320	83.5	21.1	15.2	3.6	1,200	549.9	45,914	3.7	14.0	519.5	43,380	105.8
A66538-2 (B)	PlSx/WG/12-14/1120-1320	7.3	27.5	11.4	3.4	1,200	872.4	6,369	3.7	14.0	858.5	6,267	101.6
A63424-1(B) A63424-1(C)	PlSx/WG/14-16/1120-1320	94.1	19.9	14.7	3.9	1,200	516.0	48,557	3.7	14.0	485.8	45,718	106.2
A70094-1(A) A63424-1(A) A63450-1(A) A63459-3(A)	PlSx/WG/18-20/1120-1320	211.2	21.0	15.2	3.5	1,200	569.7	120,313	3.7	14.0	541.0	114,268	105.3
A63439-1(A) A66538-3(B) A78049-42007(A) A78049-42014 (A) A78049-42016(B)	Sx/WG/18-20/1120-1320	110.2	22.9	15.7	3.2	1,200	695.3	76,622	3.7	14.0	673.4	74,205	103.3
A63439-1(B) A78049-42007(B) A78049-42007(C) A78049-42014 (B) A78049-42015 (B)	Sx/WG/18-20/920-1120	27.3	25.5	14.8	3.3	989	835.9	22,819	3.5	14.0	799.1	21,815	104.6
A66538-1(B) A78049-42016(A) A78049-42015 (A) A78049-42016(A)	Sx/WG/20-22/920-1120	90.6	23.6	16.2	3.7	1,187	760.9	68,941	3.7	14.0	711.6	64,467	106.9
	Totals	***671.8***	***21.5***	***15.2***	***3.6***	***1,190***	***605.6***	***406,861***	***3.7***	***14.0***	***575.2***	***386,436***	***105.3***

Table 50: Predicted and Target Volumes by Stratum for Deciduous - BCTS 2020

Block Strata Summary	Stratum	Net Area (ha)	Mean Sl (m)	Mean MSQ (#)	Mean TSS (tr/ha)	Mean PMV (m^3/ha)	Total PMV (m^3)	Target MSQ (#)	Mean TMV (m^3/ha)	Total TMV (m^3)	PMV % of Target
A66539-1(A) A66539-1(B) A63400-01082(A1) A63400-01082(A2) A63433-01083(A) A63400-01084(A1) A63400-01084(A2) A82094-18001(A) A82094-18002(B) A82096-18003(A) A82096-18004(A)	At/WG/18-20/4000-4200	530.8	24.3	3.74	4,000	449.7	238,704	3.78	404.9	214,944	111.1
	Totals	***530.8***	***24.3***	***3.74***	***4,000***	***449.7***	***238,704***	***3.78***	***404.9***	***214,944***	***111.1***

Table 51: Predicted and Target Volumes by Conifer Stratum-Canfor 2020

Stratum	Net Area (ha)	Mean SI (m)	Mean EA (years)	Mean MSQ (#)	Mean TSS (tr/ha)	Mean PMV (m^3/ha)	Total PMV (m^3)	Target MSQ (#)	Target EA (years)	Mean TMV (m^3/ha)	Total TMV (m^3)	PMV % of Target
Pl/WG/15-17/1000-1200	143.5	16.3	15.2	3.9	1,192	317.0	45,487	3.7	14.0	297.2	42,645	106.7%
Pl/WG/15-17/1200-1400	40.2	17.9	14.7	3.9	1,056	392.7	15,788	3.6	14.0	366.4	14,731	107.2%
Pl/WG/17-19/1000-1200	259.8	19.7	13.7	3.9	1,190	482.8	125,42	3.7	14.0	457.1	118,757	105.6%
Pl/WG/19-21/1000-1200	18.1	22.4	12.4	3.8	1,000	609.7	11,03	3.5	14.0	576.0	10,426	105.8%
Pl/WG/19-21/1200-1400	120.4	21.1	13.6	3.7	1,200	545.1	65,635	3.7	14.0	519.3	62,519	105.0%
PlSx/WG/15-17/1000-1200	17.8	16.0	14.6	4.0	1,120	315.4	5,614	3.6	14.0	295.7	5,264	106.7%
PlSx/WG/15-17/1200-1400	61.9	15.6	18.6	3.9	1,190	299.7	18,55	3.7	14.0	275.2	17,037	108.9%
PlSx/WG/15-17/800-1000	126.9	18.3	16.4	3.9	1,09	436.2	55,35	3.6	14.0	403.5	51,203	108.1%
PlSx/WG/17-19/1200-1400	31.6	18.8	14.8	4.0	1,200	460.1	14,541	3.7	14.0	432.3	13,661	106.4%
PlSx/WG/19-21/1000-1200	94.4	20.4	14.9	3.9	1,098	544.0	51,35	3.6	14.0	508.9	48,044	106.9%
PlSx/WG/19-21/1200-1400	49.6	20.4	16.3	3.7	1,200	546.7	27,114	3.7	14.0	510.6	25,324	107.1%
PlSx/WG/23-25/1000-1200	15.5	22.4	13.5	4.0	1,000	644.6	9,992	3.5	14.0	603.8	9,358	106.8%
PlSx/WG/23-25/1200-1400	37.1	19.8	13.0	3.9	1,200	504.0	18,69	3.7	14.0	479.9	17,804	105.0%
PlSx/WG/25-27/1000-1200	31.5	19.7	16.8	4.0	899	547.2	17,238	3.3	14.0	494.8	15,587	110.6%
Sx/WG/15-17/1000-1200	29.0	21.0	16.0	3.7	912	611.8	17,742	3.3	14.0	559.6	16,228	109.3%
Sx/WG/15-17/1200-1400	66.3	23.1	15.2	3.8	977	726.1	48,139	3.4	14.0	672.8	44,605	107.9%
Sx/WG/15-17/800-1000	10.8	22.6	12.6	3.7	1,20	688.4	7,435	3.7	14.0	660.3	7,131	104.3%
Sx/WG/17-19/1000-1200	55.2	27.3	14.4	3.8	1,021	958.4	52,905	3.5	14.0	895.8	49,451	107.0%
Sx/WG/17-19/1200-1400	*1,209.6*	*19.7*	*14.9*	*3.9*	*1,131*	*502.7*	*608,05*	*3.6*	*14.0*	*471.0*	*569,776*	*106.7%*
Sx/WG/17-19/800-1000	40.2	17.9	14.7	3.9	1,05	392.7	15,788	3.6	14.0	366.4	14,731	107.2%
Sx/WG/19-21/1000-1200	259.8	19.7	13.7	3.9	1,190	482.8	125,428	3.7	14.0	457.1	118,757	105.6%
Sx/WG/21-23/1200-1400	18.1	22.4	12.4	3.8	1,000	609.7	11,036	3.5	14.0	576.0	10,426	105.8%
Sx/WG/21-23/800-1000	120.4	21.1	13.6	3.7	1,20	545.1	65,635	3.7	14.0	519.3	62,519	105.0%
Sx/WG/23-25/1000-1200	17.8	16.0	14.6	4.0	1,120	315.4	5,614	3.6	14.0	295.7	5,264	106.7%
Sx/WG/23-25/800-1000	61.9	15.6	18.6	3.9	1,19	299.7	18,553	3.7	14.0	275.2	17,037	108.9%
Sx/WG/25-27/1000-1200	126.9	18.3	16.4	3.9	1,098	436.2	55,357	3.6	14.0	403.5	51,203	108.1%
Sx/WG/25-27/800-1000	31.6	18.8	14.8	4.0	1,20	460.1	14,541	3.7	14.0	432.3	13,661	106.4%
Sx/WG/27-29/1000-1200	94.4	20.4	14.9	3.9	1,098	544.0	51,351	3.6	14.0	508.9	48,044	106.9%
Sx/WG/27-29/800-1000	49.6	20.4	16.3	3.7	1,20	546.7	27,114	3.7	14.0	510.6	25,324	107.1%
Totals	15.5	22.4	13.5	4.0	1,000	644.6	9,992	3.5	14.0	603.8	9,358	106.8%

Table 52: Predicted and Target Volumes by Deciduous Stratum – Canfor 2020

Stratum	Net Area (ha)	Mean Sl (m)	Mean MSQ (#)	Mean TSS (tr/ha)	Mean PMV (m^3/h)	Total PMV (m^3)	Target MSQ (#)	Mean TMV (m^3/ha)	Total TMV (m^3)	PMV % of Target
At/WG/12-14/10000-10200	261.4	20.8	3.96	10,000	335.2	87,625	3.96	301.7	78,861	111.1%
At/WG/14-16/10000-10200	352.6	20.0	3.98	9,860	295.2	104,081	3.96	265.6	93,660	111.1%
At/WG/18-20/10000-10200	916.6	20.5	3.93	10,000	335.1	307,191	3.96	301.7	276,527	111.1%
Totals	*1,530.6*	*20.5*	*3.95*	*9,968*	*325.9*	*498,897*	*3.96*	*293.4*	*449,048*	*111.1%*

Table 53: Licencee Participant Planting Activities 2020

Licence	Permit	Block ID	Planting Activity	Planting Start Date	Planted Area (ha)	Seedlot	# of Trees
A18154	722	01021	Planting - Fill Plant	06/21/2020	21.0	1200	18555
A56771	112	01166	Planting - Fill Plant	07/26/2020	4.0	1200	10575
A56771	112	01166	Planting - Fill Plant	07/26/2020	4.0	1200	300
PAG12	APR-95317	01187	Planting - Burn Piles	06/30/2020	2.0	1200	2805
A18154	775	01201	Planting - Fill Plant	06/25/2020	6.0	1200	3960
A56771	453	01257	Planting - Establishment	06/26/2020	36.0	1200	51810
A18154	462	01293	Planting - Establishment	06/25/2020	39.0	1200	53335
A18154	462	01297	Planting - Establishment	07/05/2020	10.0	1200	14190
A18154	462	01298	Planting - Establishment	06/25/2020	22.0	1200	31020
A18154	462	01299	Planting - Establishment	07/05/2020	18.0	1200	25080
A18154	461	01300	Planting - Burn Piles	06/29/2020	2.0	1200	1980
A18154	539	01305	Planting - Burn Piles	06/28/2020	3.0	1200	4695
A60972	552	01312	Planting - Burn Piles	06/26/2020	3.0	1200	3630
A18154	461	01317	Planting - Establishment	07/03/2020	5.0	1200	7590
PAG12	APR-96227	01325	Planting - Burn Piles	06/26/2020	0.0	1200	660
A18154	557	01329	Planting - Establishment	06/24/2020	66.0	1200	91395
A18154	557	01338	Planting - Establishment	06/28/2020	19.0	1200	27390
A60972	460	01343	Planting - Establishment	06/28/2020	8.0	1200	10840
A18154	472	01344	Planting - Establishment	06/30/2020	2.0	1200	1365
A60972	470	01345	Planting - Establishment	06/29/2020	16.0	1200	18955
A60972	460	01347	Planting - Establishment	06/29/2020	0.0	1200	420
A60972	460	01348	Planting - Establishment	06/30/2020	5.0	1200	6270
A60972	460	01350	Planting - Establishment	06/30/2020	2.0	1200	3300
A18154	472	01351	Planting - Establishment	06/30/2020	4.0	1200	5580
A60972	529	02147	Planting - Burn Piles	07/03/2020	1.0	1200	660
A18154	414	02241	Planting - Burn Piles	06/25/2020	0.0	1200	225
A18154	454	02274	Planting - Burn Piles	06/24/2020	1.0	1200	660
A18154	454	02275	Planting - Burn Piles	06/25/2020	3.0	1200	3300
PAG12	APR-96042	02309	Planting - Burn Piles	07/03/2020	2.0	1200	4290

A60972	460	02344	Planting - Establishment	07/02/2020	14.0	1200	19470
A18154	426	03092	Planting - Establishment	06/24/2020	20.0	1200	26730
A56771	983	04241	Planting - Burn Piles	07/27/2020	1.0	1200	840
A18154	545	04265	Planting - Burn Piles	07/27/2020	1.0	1200	1620
A56771	561	05035	Planting - Burn Piles	07/05/2020	2.0	1200	1050
A56771	560	05036	Planting - Establishment	07/05/2020	4.0	1200	4950
A18154	555	05045	Planting - Burn Piles	06/30/2020	1.0	1200	2640
A18154	556	05047	Planting - Burn Piles	06/30/2020	5.0	1200	3705
A18154	554	05081	Planting - Burn Piles	06/30/2020	4.0	1200	3930
A56771	559	05084	Planting - Burn Piles	06/23/2020	0.0	1200	105
A18154	558	05089	Planting - Burn Piles	06/30/2020	7.0	1200	5565
A18154	572	05090	Planting - Burn Piles	06/30/2020	2.0	1200	2445
A18154	565	05095	Planting - Establishment	06/21/2020	51.0	1200	72180
A18154	565	05096	Planting - Establishment	06/22/2020	3.0	1200	4650
A56771	567	05097	Planting - Establishment	06/22/2020	3.0	1200	4290
A18154	565	05098	Planting - Establishment	06/22/2020	4.0	1200	7485
A18154	565	05109	Planting - Burn Piles	07/20/2020	2.0	1425	2235
PAG12	APR-95196	05123	Planting - Burn Piles	06/22/2020	2.0	1200	2955
A18154	562	05134	Planting - Burn Piles	06/30/2020	0.0	1200	330
A18154	575	05135	Planting - Establishment	06/24/2020	28.0	1200	39720
A18154	562	05137	Planting - Burn Piles	06/30/2020	1.0	1200	1260
A18154	746	06020	Planting - Fill Plant	07/29/2020	23.0	1200	21135
A18154	549	06117	Planting - Burn Piles	07/21/2020	2.0	1425	2730
A60972	627	07001	Planting - Establishment	07/22/2020	17.0	1200	25230
A18154	692	07047	Planting - Establishment	07/14/2020	42.0	750	31140
A18154	692	07047	Planting - Establishment	07/14/2020	42.0	1425	22080
A18154	692	07047	Planting - Establishment	07/14/2020	42.0	1110	9000
A18154	551	07052	Planting - Establishment	07/18/2020	50.0	1425	19200
A18154	551	07052	Planting - Establishment	07/18/2020	50.0	750	34028
A18154	551	07052	Planting - Establishment	07/18/2020	50.0	1110	17795
A18154	692	07055	Planting - Establishment	07/22/2020	91.0	1425	20400
A18154	692	07055	Planting - Establishment	07/22/2020	91.0	750	64205
A18154	692	07055	Planting - Establishment	07/22/2020	91.0	1110	48330
A18154	679	07084	Planting - Establishment	07/19/2020	38.0	750	36336

A18154	679	07084	Planting - Establishment	07/19/2020	38.0	1425	19200
A18154	679	07084	Planting - Establishment	07/19/2020	38.0	1110	15572
A18154	679	07085	Planting - Establishment	07/11/2020	15.0	1200	16940
A18154	679	07085	Planting - Establishment	07/11/2020	15.0	1110	3390
A18154	688	07086	Planting - Establishment	07/19/2020	28.0	1110	23790
A18154	688	07086	Planting - Establishment	07/19/2020	28.0	1200	10680
A60972	689	07088	Planting - Establishment	07/15/2020	19.0	1110	13500
A60972	689	07088	Planting - Establishment	07/15/2020	19.0	1200	13896
A18154	687	07089	Planting - Establishment	07/06/2020	29.0	1110	21570
A18154	687	07089	Planting - Establishment	07/06/2020	29.0	750	20130
A18154	687	07100	Planting - Establishment	07/21/2020	6.0	750	9045
A18154	687	07101	Planting - Establishment	07/10/2020	29.0	1110	12690
A18154	687	07101	Planting - Establishment	07/10/2020	29.0	1200	20700
A18154	687	07101	Planting - Establishment	07/10/2020	29.0	1425	7200
A18154	692	07135	Planting - Establishment	07/20/2020	42.0	1110	26070
A18154	692	07135	Planting - Establishment	07/20/2020	42.0	750	31095
A18154	688	07136	Planting - Establishment	07/13/2020	3.0	1200	4050
PAG12	APR-96292	07138	Planting - Establishment	07/23/2020	3.0	750	5610
A18154	687	07139	Planting - Establishment	07/14/2020	4.0	1200	5070
A18154	688	07140	Planting - Establishment	07/15/2020	10.0	1200	13770
A18154	690	08047	Planting - Establishment	07/26/2020	145.0	750	198370
A18154	690	08050	Planting - Establishment	07/23/2020	116.0	750	161135
A18154	261	09029	Planting - Fill Plant	07/05/2020	9.0	1200	12000
A18154	261	09034	Planting - Establishment	06/30/2020	23.0	1200	19140
A18154	261	09034	Planting - Establishment	06/30/2020	23.0	1200	12778
A18154	917	09058	Planting - Fill Plant	06/27/2020	63.0	1200	54175
A18154	917	09103	Planting - Fill Plant	06/26/2020	37.0	1200	44495
A18154	287	09113	Planting - Burn Piles	06/29/2020	2.0	1200	3240
A18154	289	09115	Planting - Burn Piles	07/02/2020	1.0	1200	1200
A18154	288	09126	Planting - Burn Piles	06/28/2020	1.0	1200	2640
A18154	288	09132	Planting - Burn Piles	06/27/2020	2.0	1200	3075
A18154	568	09145	Planting - Establishment	06/29/2020	39.0	1200	31460
A18154	568	09145	Planting - Establishment	06/29/2020	39.0	1200	21600
A56771	399	10023	Planting - Establishment	06/24/2020	111.0	1200	38865

A56771	399	10023	Planting - Establishment	06/24/2020	111.0	1200	90825
A18154	368	10028	Planting - Burn Piles	06/23/2020	3.0	1200	1860
A18154	368	10029	Planting - Burn Piles	06/23/2020	1.0	1200	90
A18154	550	10038	Planting - Burn Piles	06/27/2020	2.0	1200	2535
A18154	370	10039	Planting - Establishment	06/22/2020	20.0	1200	27165
A18154	370	10045	Planting - Establishment	06/28/2020	14.0	1200	18345
A18154	370	10051	Planting - Establishment	06/21/2020	16.0	1200	22035
A60972	463	14021	Planting - Establishment	08/09/2020	64.0	750	79365
A60972	463	14021	Planting - Establishment	08/09/2020	64.0	1425	26325
A60972	471	14023	Planting - Establishment	08/09/2020	9.0	750	13810
A18154	465	14024	Planting - Establishment	08/09/2020	130.0	1425	16830
A18154	465	14024	Planting - Establishment	08/09/2020	130.0	750	196265
A18154	986	18044	Planting - Establishment	07/27/2020	25.0	1425	4155
A18154	986	18044	Planting - Establishment	07/27/2020	25.0	1200	2000
A18154	986	18044	Planting - Establishment	07/27/2020	25.0	750	1575
A18154	986	18044	Planting - Establishment	07/27/2020	25.0	1425	26775
A60972	951	18052	Planting - Burn Piles	07/18/2020	2.0	1425	3285
A60972	949	18053	Planting - Burn Piles	07/17/2020	4.0	1425	6555
A60972	949	18054	Planting - Burn Piles	07/17/2020	3.0	1425	3915
A60972	952	18055	Planting - Burn Piles	07/01/2020	5.0	1425	7201
A60972	952	18055	Planting - Burn Piles	07/01/2020	5.0	750	7994
A60972	951	18056	Planting - Establishment	07/27/2020	39.0	750	7785
A60972	951	18056	Planting - Establishment	07/27/2020	39.0	1200	30785
A60972	951	18056	Planting - Establishment	07/27/2020	39.0	1200	1800
A60972	951	18056	Planting - Establishment	07/27/2020	39.0	1425	15420
A60972	951	18057	Planting - Establishment	07/21/2020	100.0	1200	76090
A60972	951	18057	Planting - Establishment	07/21/2020	100.0	1425	66645
A60972	951	18057	Planting - Establishment	07/21/2020	100.0	1110	1080
A18154	543	19024	Planting - Burn Piles	07/16/2020	2.0	1425	2460
A18154	685	19027	Planting - Burn Piles	07/21/2020	2.0	1425	975
A18154	685	19028	Planting - Burn Piles	07/17/2020	2.0	1425	1710
A18154	678	19029	Planting - Burn Piles	07/18/2020	6.0	1425	4980
A18154	678	19036	Planting - Establishment	07/23/2020	7.0	1200	10530
A18154	536	19037	Planting - Burn Piles	07/16/2020	1.0	1425	900

A18154	543	19039	Planting - Establishment	07/24/2020	97.0	1425	7920
A18154	543	19039	Planting - Establishment	07/24/2020	97.0	1110	8640
A18154	543	19039	Planting - Establishment	07/24/2020	97.0	1200	70200
A18154	543	19039	Planting - Establishment	07/24/2020	97.0	1200	52335
A56771	734	19051	Planting - Fill Plant	07/18/2020	6.0	1200	5490
A18154	678	19075	Planting - Burn Piles	07/20/2020	2.0	1425	930
A18154	536	19100	Planting - Establishment	07/26/2020	7.0	1200	9085
A18154	398	20078	Planting - Establishment	07/31/2020	55.0	1200	75885
A18154	507	20080	Planting - Establishment	07/29/2020	23.0	1200	32550
A18154	683	24037	Planting - Establishment	07/25/2020	38.0	1200	37280
A18154	683	24037	Planting - Establishment	07/25/2020	38.0	1425	15360
A18154	693	24047	Planting - Establishment	07/15/2020	35.0	1425	14880
A18154	693	24047	Planting - Establishment	07/15/2020	35.0	1200	35100
A56771	665	24061	Planting - Burn Piles	07/16/2020	2.0	1200	2955
A56771	666	24062	Planting - Burn Piles	07/16/2020	4.0	1200	4860
A56771	666	24065	Planting - Establishment	07/18/2020	14.0	1200	540
A56771	666	24065	Planting - Establishment	07/18/2020	14.0	1200	19710
A56771	666	24066	Planting - Establishment	07/18/2020	10.0	1200	1470
A56771	666	24066	Planting - Establishment	07/18/2020	10.0	1200	11910
A18154	680	24267	Planting - Establishment	07/18/2020	26.0	1425	17760
A18154	680	24267	Planting - Establishment	07/18/2020	26.0	1200	19335
A18154	693	24268	Planting - Establishment	07/19/2020	8.0	1200	11610
A18154	671	24285	Planting - Burn Piles	07/24/2020	2.0	1200	4605
A18154	671	24286	Planting - Burn Piles	07/16/2020	1.0	1200	1350
A18154	672	24288	Planting - Burn Piles	07/16/2020	1.0	1200	1350
A18154	537	24303	Planting - Establishment	07/10/2020	142.0	1200	124350
A18154	537	24303	Planting - Establishment	07/10/2020	142.0	1200	4290
A18154	537	24303	Planting - Establishment	07/10/2020	142.0	1425	75840
A18154	683	24310	Planting - Burn Piles	07/24/2020	2.0	1200	3060
A18154	681	24311	Planting - Establishment	07/14/2020	18.0	1425	6960
A18154	681	24311	Planting - Establishment	07/14/2020	18.0	1200	18900
A18154	674	24317	Planting - Burn Piles	07/10/2020	10.0	1200	9465
A18154	696	36042	Planting - Establishment	06/21/2020	47.0	1200	32340
A18154	696	36042	Planting - Establishment	06/21/2020	47.0	1200	32340

A18154	810	36067	Planting - Establishment	06/26/2020	4.0	1200	5780
A18154	812	36071	Planting - Establishment	06/26/2020	41.0	1200	55270
A60049	259	45035	Planting - Fill Plant	06/01/2020	55.0	1200	43673
A60049	259	45035	Planting - Establishment	06/01/2020	83.0	1200	115640
A18154	564	45085	Planting - Establishment	07/02/2020	21.0	1200	12210
A18154	564	45085	Planting - Establishment	07/02/2020	21.0	1200	18420
A18154	291	45090	Planting - Establishment	07/05/2020	65.0	1200	59960
A18154	291	45090	Planting - Establishment	07/05/2020	65.0	1200	31655
A18154	564	45093	Planting - Establishment	06/29/2020	138.0	1200	61185
A18154	564	45093	Planting - Establishment	06/29/2020	138.0	1200	127180
A18154	693	S24061	Planting - Establishment	07/19/2020	7.0	1200	9720
					5260.0		**3954153**

Table 54: Establishment Delay Report – Inventory Layer – Licencee Participants 2020

Harvest Start Date	Licencee	Licence	CP	Block ID	Regen Delay Met Date	Stratum Name	Stratum Area (ha)	Layer Type	Sp. 1	% Sp. 1	Sp. 2	% Sp. 2	Sp. 3	% Sp. 3
01/14/2018	CANFOR	A56771	453	1257	10/28/2020	A	36.0	I	Sx	100				
10/29/2019	CANFOR	A18154	462	1293	10/19/2020	A	40.1	I	Sx	100				
01/06/2020	CANFOR	A18154	462	1297	10/20/2020	A	9.9	I	Sx	100				
12/17/2019	CANFOR	A18154	462	1298	10/20/2020	A	7.4	I	Sx	100				
12/17/2019	CANFOR	A18154	462	1298	10/20/2020	B	15.6	I	Sx	100				
12/09/2019	CANFOR	A18154	462	1299	10/28/2020	A	18.2	I	Sx	100				
11/26/2019	CANFOR	A18154	461	1317	10/26/2020	A	5.5	I	Sx	100				
12/03/2019	CANFOR	A18154	557	1329	10/26/2020	A	53.2	I	Sx	100				
12/03/2019	CANFOR	A18154	557	1329	10/26/2020	B	13.0	I	Sx	100				
11/20/2019	CANFOR	A18154	557	1338	10/26/2020	A	19.5	I	Sx	100				
09/09/2019	MPMC	A60972	460	1343	10/28/2020	A	8.0	I	Sx	100				
09/09/2019	CANFOR	A18154	472	1344	10/26/2020	A	1.7	I	Sx	100				
11/22/2019	MPMC	A60972	470	1345	10/28/2020	A	13.5	I	Sx	100				
11/22/2019	MPMC	A60972	470	1345	10/28/2020	B	2.6	I	Sx	100				
11/15/2019	MPMC	A60972	460	1347	10/20/2020	A	0.3	I	Sx	100				
11/19/2019	MPMC	A60972	460	1348	10/28/2020	A	4.6	I	Sx	100				
09/11/2019	MPMC	A60972	460	1350	10/28/2020	A	2.2	I	Sx	100				
11/15/2019	CANFOR	A18154	472	1351	10/26/2020	A	3.8	I	Sx	100				
09/21/2011	CANFOR	PAG12	APR-88991	2042	09/06/2020	A1	10.7	I	Sw	100				
09/21/2011	CANFOR	PAG12	APR-88991	2042	09/06/2020	A2	1.9	I	At	90	Sw	10		
08/29/2017	CANFOR	A18154	965	2256	09/02/2020	B	21.8	I	At	100				
10/02/2019	MPMC	A60972	460	2344	10/26/2020	A	13.8	I	Sx	100				
07/11/2017	CANFOR	A18154	426	3092	10/26/2020	A	19.5	I	Sx	100				
12/19/2018	CANFOR	A56771	560	5036	10/08/2020	A	3.6	I	Sx	100				
12/19/2018	CANFOR	A56771	560	5036	10/08/2020	B	7.0	I	At	100				
01/27/2020	CANFOR	A18154	565	5095	10/08/2020	A	19.0	I	Sx	100				
01/27/2020	CANFOR	A18154	565	5095	10/08/2020	B	33.4	I	Sx	100				
02/17/2020	CANFOR	A18154	565	5096	10/08/2020	A	3.3	I	Sx	100				
02/21/2020	CANFOR	A56771	567	5097	10/08/2020	A	3.3	I	Sx	100				

Harvest Start Date	Licencee	Licence	CP	Block ID	Regen Delay Met Date	Stratum Name	Stratum Area (ha)	Layer Type	Sp. 1	% Sp. 1	Sp. 2	% Sp. 2	Sp. 3	% Sp. 3
02/19/2020	CANFOR	A18154	565	5098	10/08/2020	A	3.9	I	Sx	100				
09/11/2019	CANFOR	A18154	575	5135	10/08/2020	A	28.0	I	Sx	100				
06/18/2014	CANFOR	A18154	934	6027	09/01/2020	A	98.4	I	At	66	Act	24	Acb	10
08/14/2018	CANFOR	A18154	549	6117	11/17/2020	B	11.9	I	Pli	54	Sx	46		
02/20/2003	MPMC	A60972	627	7001	11/27/2020	G	17.4	I	Sx	100				
11/28/2018	CANFOR	A18154	692	7047	11/02/2020	A	41.9	I	Pli	50	Sx	50		
11/12/2018	CANFOR	A18154	551	7052	10/30/2020	A	50.4	I	Pli	52	Sx	48		
12/06/2018	CANFOR	A18154	692	7055	11/10/2020	A	97.0	I	Pli	50	Sx	50		
10/18/2018	CANFOR	A18154	679	7084	11/04/2020	A	38.0	I	Sx	51	Pli	49		
11/02/2018	CANFOR	A18154	679	7085	10/30/2020	A	14.6	I	Sx	83	Pli	17		
11/01/2018	CANFOR	A18154	688	7086	10/30/2020	A	28.0	I	Pli	69	Sx	31		
11/10/2018	MPMC	A60972	689	7088	11/04/2020	A	19.3	I	Sx	51	Pli	49		
11/14/2018	CANFOR	A18154	687	7089	11/04/2020	A	28.7	I	Pli	52	Sx	48		
01/09/2019	CANFOR	A18154	687	7100	11/04/2020	A	5.6	I	Sx	100				
01/04/2019	CANFOR	A18154	687	7101	10/30/2020	A	28.5	I	Sx	51	Pli	49		
11/10/2018	CANFOR	A18154	692	7135	11/10/2020	A	41.8	I	Pli	50	Sx	50		
12/03/2018	CANFOR	A18154	688	7136	10/30/2020	A	2.8	I	Sx	100				
11/09/2018	CANFOR	PAG12	APR-96292	7138	11/02/2020	A	3.1	I	Sx	100				
01/03/2019	CANFOR	A18154	687	7139	10/30/2020	A	3.9	I	Sx	100				
01/18/2019	CANFOR	A18154	688	7140	10/30/2020	A	9.9	I	Sx	100				
01/04/2019	CANFOR	A18154	690	8047	11/02/2020	A	149.3	I	Sx	100				
01/16/2018	CANFOR	A18154	261	9034	10/26/2020	B	32.4	I	Sx	60	Pli	40		
10/17/2019	CANFOR	A18154	568	9145	10/26/2020	A	40.0	I	Sx	60	Pli	40		
03/20/2019	CANFOR	A56771	399	10023	10/09/2020	A	110.5	I	Sx	70	Pli	30		
03/19/2019	CANFOR	A18154	370	10039	10/09/2020	A	21.0	I	Sx	100				
10/15/2019	CANFOR	A18154	370	10045	10/09/2020	A	14.6	I	Sx	100				
03/12/2019	CANFOR	A18154	370	10051	10/09/2020	A	16.4	I	Sx	100				
12/19/2018	MPMC	A60972	463	14021	11/02/2020	A	61.9	I	Sx	75	Pli	25		
02/27/2019	MPMC	A60972	471	14023	11/02/2020	A	8.6	I	Sx	100				
01/22/2019	CANFOR	A18154	465	14024	11/02/2020	A	129.6	I	Sx	91	Pli	9		
01/26/2018	MPMC	A60972	951	18056	11/04/2020	A	39.2	I	Sx	72	Pli	28		
12/18/2017	MPMC	A60972	951	18057	11/04/2020	A	99.7	I	Sx	53	Pli	47		

Harvest Start Date	Licencee	Licence	CP	Block ID	Regen Delay Met Date	Stratum Name	Stratum Area (ha)	Layer Type	Sp. 1	% Sp. 1	Sp. 2	% Sp. 2	Sp. 3	% Sp. 3
01/03/2018	CANFOR	A18154	678	19036	11/04/2020	A	2.0	I	Sx	100				
01/03/2018	CANFOR	A18154	678	19036	11/04/2020	B	4.6	I	Sx	100				
06/13/2018	CANFOR	A18154	543	19039	11/04/2020	A	98.7	I	Sx	88	Pli	12		
01/17/2018	CANFOR	A18154	536	19100	11/04/2020	A	6.7	I	Sx	100				
12/30/2019	CANFOR	A18154	398	20078	10/29/2020	A	54.9	I	Sx	100				
08/09/2019	CANFOR	A18154	507	20080	10/30/2020	A	24.0	I	Sx	100				
12/11/2017	CANFOR	A18154	683	24037	11/03/2020	A2	10.1	I	Sx	71	Pli	29		
12/11/2017	CANFOR	A18154	683	24037	11/03/2020	B2	26.7	I	Sx	71	Pli	29		
11/07/2019	CANFOR	A18154	693	24047	11/03/2020	A	36.5	I	Sx	70	Pli	30		
12/18/2017	CANFOR	A56771	666	24065	11/03/2020	A	14.1	I	Sx	100				
01/04/2018	CANFOR	A56771	666	24066	11/03/2020	A	9.7	I	Sx	100				
12/09/2019	CANFOR	A18154	680	24267	11/03/2020	A	27.7	I	Sx	52	Pli	48		
12/19/2019	CANFOR	A18154	693	24268	11/03/2020	A	8.2	I	Sx	100				
04/27/2018	CANFOR	A18154	537	24303	11/02/2020	A	142.2	I	Sx	61	Pli	39		
12/18/2018	CANFOR	A18154	681	24311	11/03/2020	A	18.4	I	Sx	73	Pli	27		
03/16/2017	CANFOR	PAG12	APR-95141	25040	10/31/2020	A	19.6	I	At	80	Ac	20		
01/10/2017	CANFOR	A18154	444	27035	10/31/2020	a	65.5	I	At	100				
02/06/2020	CANFOR	A18154	696	36042	10/08/2020	A	48.4	I	Pli	50	Sx	50		
01/16/2020	CANFOR	A18154	810	36067	10/08/2020	A	4.2	I	Sx	100				
12/09/2019	CANFOR	A18154	812	36071	10/08/2020	A	42.0	I	Sx	100				
03/14/2018	CANFOR	PAG12	APR-92458	43067	10/31/2020	A	35.2	I	At	60	Ac	40		
03/14/2018	CANFOR	PAG12	APR-92458	43068	10/31/2020	A	44.9	I	Ac	50	At	50		
03/19/2018	CANFOR	PAG12	APR-92458	43069	10/31/2020	A	8.6	I	At	70	Ac	30		
06/10/2019	CANFOR	A18154	564	45085	10/26/2020	A	22.1	I	Pli	60	Sx	40		
02/15/2019	CANFOR	A18154	291	45090	10/26/2020	A	67.2	I	Sx	65	Pli	35		
03/15/2019	CANFOR	A18154	564	45093	10/26/2020	A	142.5	I	Sx	70	Pli	30		
12/19/2019	CANFOR	A18154	693	S24061	11/03/2020	A	7.1	I	Sx	100				

Table 55: BCTS Establishment Delay Calculation for Reporting Period of April 1, 2020 to March 31, 2021

Conifer					
Harvest Start Date	**Net Area to be Reforested (NAR) ha**	**Cut Block #**	**TSL**	**# of days from harvest start through reporting period of March 31, 2021**	**# Days * NAR**
2021/03/29	14.6	06132	TA0116	2.0	29.2
2021/02/09	19.6	05094	TA0245	50	980.0
2021/02/09	6.7	05094	TA0245	50	335.0
2021/03/27	52.0	09121	TA0629	4	208.0
2021/02/26	35.5	19056	A95689	33	1171.5
2021/02/24	8.8	19057	A95689	35	308.0
2021/02/18	30.7	19061	A95689	41	1258.7
2020/11/25	160.1	45008	A76795	126	20172.6
2020/11/25	41.5	45008	A76795	126	5229
2018/01/04	39.8	20070	A80058	1182	47043.6
2019/01/04	23.9	20070	A80058	1182	28249.8
2019/02/13	12.3	45064	A92236	777	9557.1
2019/02/13	16.0	45064	A92236	777	12432.0
2021/03/18	27.1	19063	A92981	13	352.3
2021/03/15	11.3	19064	A92981	16	180.8
2019/01/24	112.8	24253	A94065	797	89901.6
2019/09/06	54.2	04232	A94069	572	31002.4
2020/01/22	37.6	23041	A94073	434	16318.4
2020/01/21	46.9	23048	A94092	435	20401.5
2020/01/21	62.3	23048	A94092	435	27100.5
2020/01/21	17.3	23048	A94092	435	7525.5
2020/12/21	166.4	05101	A94093	100	16640.0
2018/1207	19.5	19021	A95044	845	16477.5
2019/02/26	54.5	24357	A95065	764	14898.0
2019/03/04	16.0	24358	A95065	758	12128.0
2019/02/05	25.3	38005	A95068	785	19860.5
2019/02/06	12.8	38006	A95068	784	10035.2
2019/02/21	11.4	38007	A95068	769	8766.6
2019/02/28	8.0	38010	A95068	762	6098
2019/02/27	8.1	38011	A95068	763	6180.3
2018/12/25	11.9	38014	A95068	827	1035.3
2020/01/06	57.3	19071	A95185	450	25785.0
2019/11/15	32.1	10068	A95219	502	16114.2
2019/11/15	65.9	10068	A95219	502	33081.8
2020/03/02	15.1	09106	A95614	394	5949.4
2020/03/11	10.0	09123	A95614	385	3850.0
2021/01/27	18.0	45053	A95615	63	1134.0
2020/02/05	45.8	19088	A95648	420	19236.0
2020/01/27	63.1	19101	A95648	429	27069.9

Conifer					
Harvest Start Date	Net Area to be Reforested (NAR) ha	Cut Block #	TSL	# of days from harvest start through reporting period of March 31, 2021	# Days * NAR
2020/01/27	61.3	19101	A95648	429	26297.7
2020/02/24	19.9	09107	A95762	401	79799.0
2020/02/24	10.5	09107	A95762	401	4210.5
2019/03/25	14.1	09124	A95762	737	10391.7
2019/03/25	1.2	09124	A95762	737	884.4
2019/03/25	11.6	09124	A95762	737	8549.2
2019/04/02	11.6	09147	A95762	729	8456.4
2020/03/24	9.4	05066	TA0108	372	3496.8
2020/03/06	46.0	05067	TA0108	390	17940.0
2020/01/05	30.1	05092	TA0109	451	13575.1
2020/01/05	7.4	05092	TA0109	451	3337.4
2020/09/10	15.7	09099	TA0111	202	3171.4
2020/09/10	18.1	09116	TA0111	202	3656.2
2020/09/10	6.9	09116	TA0111	202	1393.8
2020/10/23	13.9	09119	TA0111	159	2210.1
2020/10/23	10.0	09119	TA0111	159	1590.0
2020/11/03	2.9	09136	TA0111	148	429.2
2019/11/25	70.8	45012	TA0115	492	34833.6
2019/11/25	66.4	45041	TA0115	492	32668.8
2021/03/05	12.9	19065	TA0213	26	335.4
2020/12/28	72.1	19069	TA0213	93	648.9
2021/03/05	17.8	19083	TA0213	26	462.8
2020/01/21	57.1	19087	TA0214	69	3939.9
2021/02/20	42.4	07054	TA0217	39	1653.6
2021/02/20	100.6	07054	TA0217	39	3923.4
2020/12/09	29.0	07082	TA0217	112	3248.0
2020/12/09	18.0	07082	TA0217	112	2016.0
2020/12/22	52.5	08055	TA0219	99	5197.5
2020/09/23	3.4	45096	TA0242	189	642.6
2020/10/13	46.1	45097	TA0242	169	7790.9
2021/01/06	40.8	10064	TA0625	84	3427.2
2020/12/02	5.8	10071	TA0625	119	690.2
2020/03/13	48.0	21072	TA1146	383	18384.0
2020/03/05	51.7	06055	TA1274	391	21558.9
2020/03/05	31.4	06055	TA1274	391	12277.4
2016/01/24	29.1	04068	A92970	1893	5499.9
2021/03/03	11.4	19058	A95689	28	319.2
2006/11/15	4.7	1	A63403	5250	24675.0
2019/02/05	57.0	45001	A76796	785	44745.0
2019/02/05	10.3	45001	A76796	785	80855.5
2020/10/20	15.9	09118	TA0111	162	2575.8
2019/07/18	85.8	21039	TA0124	622	53367.6

Conifer					
Harvest Start Date	**Net Area to be Reforested (NAR) ha**	**Cut Block #**	**TSL**	**# of days from harvest start through reporting period of March 31, 2021**	**# Days * NAR**
2021/03/04	57.8	07116	TA0215	27	1560.6
2020/09/23	9.4	45096	TA0242	189	1776.6
2020/03/24	40.9	05057	TA1528	7	286.3
2017/02/20	21.8	1	A94642	1500	32700.0
2017/02/20	5.1	1	A94642	1500	7650.0
2019/20/20	11.5	01226	TA0250	467	5370.5
2016/09/15	7.0	06090	A93058	1658	11606
Total	**2897.3**			**42929**	**1180173**
		Weighted number of days			407.3
		Weighted number of years			1.1

Deciduous					
Harvest Start Date	**Net Area to be Reforested (NAR) ha**	**Cut Block #**	**TSL**	**# of days from harvest start through reporting period of March 31, 2021**	**# days * NAR**
2016/01/24	3.2	04068	A92970	1893	6057.6
2019/02/05	42.2	45001	A76796	785	33127
2015/02/11	17.2	18062	A90907	2240	38528.0
2021/03/04	13.8	07116	TA0215	27	372.6
2020/09/23	23.6	45096	TA0242	189	4460.4
2015/01/02	50.1	04141	A90903	2280	114228.0
2015/01/02	15.6	04141	A90903	2280	35568.0
2015/03/03	23.6	18034	A90907	2220	52392.0
2016/01/24	18.7	04066	A92970	1893	35399.1
2016/01/12	5.4	04190	A92971	1905	10287.0
2017/02/20	19.6	1	A94642	1500	29400.0
2021/01/25	19.8	45063	A76795	65	1287
2016/01/21	3.8	04165	A92971	1896	7204.8
2016/10/17	92.3	45039	A93052	1626	150079.8
2021/01/27	10.1	45053	A95615	63	636.6
2019/11/25	66.4	45041	TA0115	492	32668.8
2020/02/08	19.6	06061	TA1199	417	8173.2
2016/09/15	97.4	06090	A93058	1658	161887.1
Totals	**445**			**21771**	**559870.3**
		Weighted number of days			1258.1
		Weighted number of years			3.4

Mixedwood					
Harvest Start Date	**Net Area to be Reforested (NAR) ha**	**Cut Block #**	**TSL**	**# of days from harvest start through reporting period of March 31, 2021**	**# days * NAR**
2018/03/26	7.9	02260	A94070	1101	8697.9
2020/02/08	13.8	06061	TA1199	417	5754.6
2020/02/08	4.6	06061	TA1199	417	1918.2
2020/03/06	23.4	05067	TA0108	390	702.0
2019/20/20	8.1	01226	TA0250	467	3782.7
Totals	**57.8**			**2792**	**20855.4**
		Weighted number of days			360.8
		Weighted number of years			0.99

Table 56: Licencee Participants Conifer Establishment Delay Calculation for Reporting Period of April 1, 2020 to March 31, 2021

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A18154	127	04047	A	C	12/15/2005	4.3	N	5585
A18154	128	04048	A	C	12/12/2005	4.7	N	5588
A18154	173	06013	A	C	08/22/2005	59.5	N	5700
A18154	173	06013	B	C	08/22/2005	47.8	N	5700
A18154	173	06013	C	C	08/22/2005	16.2	N	5700
A18154	220	09002	A	C	08/29/2005	61.4	N	5693
A18154	220	09002	B	C	08/29/2005	31.5	N	5693
A18154	220	09002	C	C	08/29/2005	7	N	5693
A18154	222	09003	A	C	06/22/2005	70.7	N	5761
A18154	222	09003	B	C	06/22/2005	52.3	N	5761
A18154	222	09003	C	C	06/22/2005	30.1	N	5761
A18154	236	04038	A	C	11/26/2015	13.4	N	1952
A18154	236	04044	A	C	11/03/2015	9.3	N	1975
A18154	261	09078	A	C	07/01/2017	5.9	N	1369
A18154	262	09030	A	C	10/19/2014	44.8	N	2355
A18154	263	09033	A	C	03/24/2014	119.1	N	2564
A18154	263	9033	B	C	03/24/2014	43.8	N	2564
A18154	278	45067	A	C	07/01/2017	5.9	N	1369
A18154	280	09070	A	C	01/07/2018	8.2	N	1179
A18154	291	45090	B	C	02/15/2019	5.8	N	775
A18154	292	09140	A	C	10/30/2020	29.6	N	152
A18154	292	09140	B	C	10/30/2020	24.5	N	152
A18154	292	45095	A	C	03/25/2020	82	N	371

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A18154	295	45111	A	C	12/01/2020	38.3	N	120
A18154	296	09158	A	C	03/04/2021	47.2	N	27
A18154	296	09159	A	C	03/30/2021	21.6	N	1
A18154	318	11040	A	C	07/11/2005	59.8	N	5742
A18154	318	11041	A	C	07/10/2005	1.9	N	5743
A18154	318	11041	B	C	07/10/2005	36.6	N	5743
A18154	318	11045	A	C	07/01/2005	123.9	N	5752
A18154	318	11045	B	C	07/01/2005	7.2	N	5752
A18154	318	11045	C	C	07/01/2005	7.5	N	5752
A18154	326	329005	A	C	01/04/2006	11.7	N	5565
A18154	326	329005	B	C	01/04/2006	26.3	N	5565
A18154	326	329005	C	C	01/04/2006	2.1	N	5565
A18154	326	329005	D	C	01/04/2006	3.4	N	5565
A18154	326	329005	E	C	01/04/2006	3.8	N	5565
A18154	329	20034	A	C	12/02/2005	25.4	N	5598
A18154	329	20034	B	C	12/02/2005	18	N	5598
A18154	329	329006	A	C	12/01/2005	10.9	N	5599
A18154	329	329006	B	C	12/01/2005	7	N	5599
A18154	329	329006	C	C	12/01/2005	2.7	N	5599
A18154	329	329007	A	C	12/07/2005	9	N	5593
A18154	329	329007	B	C	12/07/2005	6.1	N	5593
A18154	353	20039	A	C	01/03/2006	21.3	N	5566
A18154	353	20039	B	C	01/03/2006	15.5	N	5566
A18154	353	20039	C	C	01/03/2006	6.1	N	5566
A18154	353	20040	A	C	01/30/2006	15.2	N	5539
A18154	353	20040	B	C	01/30/2006	8.9	N	5539
A18154	353	20055	A	C	02/14/2006	13.8	N	5524
A18154	353	20055	B	C	02/14/2006	9.4	N	5524
A18154	371	10104	A	C	07/20/2020	19	N	254
A18154	371	10104	B	C	07/20/2020	19.4	N	254
A18154	371	12011	A	C	10/01/2020	71.6	N	181
A18154	424	01180	A	C	02/27/2017	4.4	N	1493
A18154	424	01318	A	C	02/09/2017	13.6	N	1511
A18154	424	01331	A	C	02/01/2017	2.8	N	1519
A18154	424	01333	A	C	02/09/2017	14.1	N	1511
A18154	426	03095	A	C	09/26/2017	61.5	N	1282
A18154	440	18041	A	C	11/15/2015	157.6	N	1963
A18154	440	18041	B	C	11/15/2015	77.6	N	1963
A18154	443	01320	A	C	01/11/2017	26.1	N	1540
A18154	443	01322	A	C	01/11/2017	16.4	N	1540
A18154	444	01330	A	C	02/20/2017	2.5	N	1500
A18154	444	27035	B	C	01/10/2017	18	N	1541
A18154	444	27049	A	C	02/13/2017	18.3	N	1507
A18154	450	25061	A	C	03/10/2017	0.6	N	1482
A18154	450	25064	A	C	03/11/2017	3.6	N	1481

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A18154	450	31005	A	C	02/20/2017	1.7	N	1500
A18154	450	31023	A	C	02/20/2017	2	N	1500
A18154	451	31003	A	C	02/24/2017	19.2	N	1496
A18154	451	31016	A	C	02/20/2017	17.3	N	1500
A18154	451	31017	A	C	02/20/2017	21.5	N	1500
A18154	451	31019	A	C	02/28/2017	1.7	N	1492
A18154	465	14022	A	C	02/14/2019	29.8	N	776
A18154	475	09165	A	C	09/29/2020	83.9	N	183
A18154	475	09201	A	C	09/18/2020	35.9	N	194
A18154	502	04125	A	C	08/18/2017	30.1	N	1321
A18154	522	06056	A	C	02/21/2017	23.3	N	1499
A18154	522	06056	B	C	02/21/2017	3	N	1499
A18154	523	02024	A	C	03/15/2017	35.1	N	1477
A18154	523	02025	A	C	04/06/2017	72.5	N	1455
A18154	528	02041	A	C	07/24/2017	68.5	N	1346
A18154	530	04034	A	C	12/07/2017	4.2	N	1210
A18154	554	45091	A	C	12/4/2020	14.1	N	117
A18154	558	45089	A	C	11/30/2020	14.8	N	121
A18154	563	09021	A	C	3/2/2020	72.7	N	394
A18154	563	09120	A	C	6/23/2020	47.5	N	281
A18154	563	09120	B	C	6/23/2020	41.2	N	281
A18154	563	45102	A	C	4/15/2020	11	N	350
A18154	568	09133	A	C	7/14/2020	135.1	N	260
A18154	576	09151	A	C	9/4/2020	96	N	208
A18154	580	09146	A	C	10/21/2020	9.2	N	161
A18154	580	09168	A	C	8/25/2020	29.3	N	218
A18154	581	05139	A	C	8/11/2020	11.1	N	232
A18154	581	05157	A	C	9/9/2020	6.3	N	203
A18154	581	05161	A	C	9/11/2020	19.1	N	201
A18154	581	05165	A	C	8/26/2020	33.3	N	217
A18154	581	05170	A	C	12/1/2020	21.6	N	120
A18154	581	05170	B	C	12/1/2020	14.7	N	120
A18154	582	05062	A	C	9/7/2020	14.1	N	205
A18154	582	05146	A	C	8/13/2020	3.5	N	230
A18154	582	05147	A	C	8/20/2020	6.7	N	223
A18154	582	05148	A	C	8/17/2020	4.4	N	226
A18154	582	05166	A	C	8/18/2020	8.9	N	225
A18154	582	05172	A	C	9/25/2020	22.3	N	187
A18154	584	05141	A	C	7/30/2020	32.2	N	244
A18154	600	19031	A	C	11/10/2016	113.4	N	1602
A18154	600	19080	A	C	12/23/2016	48.4	N	1559
A18154	600	19081	A	C	12/6/2016	27.3	N	1576
A18154	663	24282	A	C	12/8/2015	34.2	N	1940
A18154	663	24282	B	C	12/8/2015	31	N	1940
A18154	667	24227	A	C	11/25/2016	6.2	N	1587

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A18154	670	S24049	A	C	11/14/2016	61.6	N	1598
A18154	672	24288	A	C	11/27/2017	17.6	N	1220
A18154	673	19079	A	C	11/22/2016	12.8	N	1590
A18154	674	24317	A	C	9/23/2017	208.2	N	1285
A18154	678	19029	A	C	11/29/2017	120.9	N	1218
A18154	678	19075	A	C	10/30/2017	35.7	N	1248
A18154	685	19027	A	C	11/11/2017	23.1	N	1236
A18154	685	19027	B	C	11/11/2017	6.3	N	1236
A18154	685	19028	A	C	11/17/2017	46.8	N	1230
A18154	690	08047	A	C	1/4/2019	204.2	N	817
A18154	690	08050	A	C	1/21/2019	101.5	N	800
A18154	690	08050	B	C	1/21/2019	14.5	N	800
A18154	691	19124	A	C	3/25/2021	7.9	N	6
A18154	693	S24061	A	C	12/19/2019	7.1	N	468
A18154	693	S24062	A	C	10/28/2020	7.4	N	154
A18154	696	36040	A	C	3/25/2020	117.9	N	371
A18154	696	36041	A	C	3/3/2020	38.6	N	393
A18154	755	S01048	A	C	11/8/2010	112	N	3796
A18154	760	01015	B	C	10/13/2011	12.7	N	3457
A18154	766	01025	A	C	3/6/2012	3.1	N	3312
A18154	767	01024	A	C	3/8/2012	12.3	N	3310
A18154	777	01019	A	C	1/1/2012	25.9	N	3377
A18154	777	01019	B	C	1/1/2012	62.3	N	3377
A18154	781	01175	A	C	2/24/2015	29.3	N	2227
A18154	793	02295	A	C	11/13/2013	49.5	N	2695
A18154	809	23070	A	C	2/23/2017	88.6	N	1497
A18154	811	36055	A	C	10/29/2020	12.5	N	153
A18154	812	21046	A	C	1/26/2021	81.2	N	64
A18154	812	36066	A	C	11/12/2020	22.6	N	139
A18154	812	36081	A	C	8/17/2020	121.3	N	226
A18154	812	36086	A	C	10/23/2020	6.8	N	159
A18154	815	19110	A	C	7/30/2020	10.5	N	244
A18154	815	36108	A	C	1/7/2021	162.5	N	83
A18154	815	36110	A	C	7/20/2020	8.5	N	254
A18154	815	36114	A	C	12/3/2020	33.5	N	118
A18154	817	24049	A	C	12/23/2020	25.8	N	98
A18154	817	24050	A	C	12/23/2020	9.1	N	98
A18154	817	24277	A	C	11/3/2020	16.8	N	148
A18154	817	24278	A	C	11/2/2020	2.4	N	149
A18154	817	24366	A	C	12/15/2020	6.5	N	106
A18154	818	19101	A	C	11/23/2020	13.5	N	128
A18154	818	19102	A	C	7/21/2020	23.4	N	253
A18154	818	19108	A	C	12/2/2020	20.6	N	119
A18154	818	19109	A	C	12/3/2020	29.3	N	118
A18154	818	19111	A	C	9/30/2020	12.7	N	182

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A18154	818	19138	A	C	9/7/2020	61.6	N	205
A18154	819	24373	A	C	11/2/2020	32.8	N	149
A18154	819	36115	A	C	11/19/2020	44.8	N	132
A18154	819	36116	A	C	11/17/2020	56.2	N	134
A18154	820	19046	A	C	3/31/2021	7.8	N	0
A18154	821	24233	A	C	10/6/2020	20.6	N	176
A18154	821	36065	A	C	10/29/2020	18.6	N	153
A18154	821	36113	A	C	12/18/2020	9.1	N	103
A18154	821	S24080	A	C	12/17/2020	5.2	N	104
A18154	822	07147	A	C	12/10/2020	28.3	N	111
A18154	822	07147	B	C	12/10/2020	19.3	N	111
A18154	822	07148	A	C	1/14/2021	10.4	N	76
A18154	823	19113	A	C	8/5/2020	21.6	N	238
A18154	823	19115	A	C	8/5/2020	36	N	238
A18154	823	19116	A	C	8/24/2020	29.8	N	219
A18154	823	19144	A	C	3/30/2021	2.9	N	1
A18154	823	19150	A	C	8/7/2020	12.7	N	236
A18154	823	19151	A	C	8/21/2020	3.2	N	222
A18154	827	24372	A	C	11/17/2020	19.9	N	134
A18154	936	24181	A	C	11/25/2014	245.2	N	2318
A18154	936	24181	B	C	11/25/2014	15.8	N	2318
A18154	944	04214	A	C	10/6/2014	31.1	N	2368
A18154	961	04037	A	C	11/24/2015	59.5	N	1954
A18154	961	04042	A	C	11/10/2015	59.6	N	1968
A18154	965	02253	A	C	8/7/2017	18.7	N	1332
A18154	966	02257	A	C	8/11/2017	42958	N	1328
A18154	966	02258	A	C	11/7/2016	42681	N	1605
A18154	966	04137	A	C	10/15/2016	42658	N	1628
A18154	968	03041	A	C	8/15/2016	23.6	N	1689
A18154	968	03041	B	C	8/15/2016	2.1	N	1689
A18154	997	02090	A	C	3/6/2017	48.7	N	1486
A56771	330	12018	A	C	1/23/2016	92.6	N	1894
A56771	373	10119	A	C	3/18/2021	15	N	13
A56771	374	05169	A	C	11/10/2020	50.5	N	141
A56771	374	05181	A	C	12/11/2020	22.1	N	110
A56771	374	10056	A	C	3/25/2021	15.3	N	6
A56771	374	10056	B	C	3/25/2021	24.8	N	6
A56771	375	05192	A	C	12/7/2020	6.8	N	114
A56771	375	05193	A	C	11/17/2020	9.8	N	134
A56771	375	05194	A	C	12/11/2020	3.5	N	110
A56771	399	10053	A	C	11/7/2019	33.6	N	510
A56771	399	10053	B	C	11/7/2019	37.9	N	510
A56771	524	03091	A	C	6/27/2017	18	N	1373
A56771	525	04075	A	C	3/31/2017	64.1	N	1461
A56771	525	04088	A	C	7/19/2017	5.8	N	1351

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A56771	526	04089	A	C	3/25/2017	28.9	N	1467
A56771	532	06024	A	C	8/30/2017	72.4	N	1309
A56771	532	06024	B	C	8/30/2017	25.9	N	1309
A56771	534	23115	A	C	1/31/2018	14.3	N	1155
A56771	603	24053	A	C	1/9/2014	57.9	N	2638
A56771	603	24055	A	C	2/13/2014	38.6	N	2603
A56771	665	24061	A	C	11/13/2017	57.8	N	1234
A56771	734	19049	A	C	2/11/2014	61	N	2605
A56771	734	19050	A	C	2/24/2014	18.1	N	2592
A56771	734	19053	A	C	1/19/2015	37.1	N	2263
A56771	734	19054	A	C	1/19/2015	17.2	N	2263
A56771	734	19055	A	C	1/19/2015	49.5	N	2263
A56771	946	02053	A	C	3/19/2015	137.6	N	2204
A59959	229	09008	A	C	2/6/2006	31.6	N	5532
A59959	229	09008	B	C	2/6/2006	58.8	N	5532
A59959	231	09011	A	C	1/25/2011	3.9	N	3718
A59959	359	20061	A	C	1/9/2006	25.4	N	5560
A59959	359	20061	B	C	1/9/2006	18.1	N	5560
A59959	359	20061	C	C	1/9/2006	1.7	N	5560
A59959	359	20062	A	C	2/6/2006	19.8	N	5532
A59959	751	27006	A	C	11/21/2007	3.5	N	4879
A59959	751	27007	A	C	11/21/2007	1.5	N	4879
A59959	751	27008	A	C	11/21/2007	11.8	N	4879
A59959	751	27010	A	C	12/5/2007	4.7	N	4865
A59959	751	27011	A	C	12/5/2007	2.1	N	4865
A59959	751	27012	A	C	11/26/2007	11.9	N	4874
A59959	764	01134	A	C	1/26/2012	27.8	N	3352
A59959	764	01134	B	C	1/26/2012	7.2	N	3352
A59959	779	01102	A	C	8/9/2013	11	N	2791
A59959	779	01102	B	C	8/9/2013	4.6	N	2791
A59959	779	01161	A	C	3/19/2015	4.2	N	2204
A59959	779	01162	A	C	3/17/2015	12.6	N	2206
A59959	786	01002	A	C	2/20/2015	68.3	N	2231
A59959	786	01002	B	C	2/20/2015	20.1	N	2231
A59959	786	01003	A	C	3/17/2012	67.6	N	3301
A59959	786	01003	B	C	3/17/2012	30.4	N	3301
A59959	939	03119	B	C	10/2/2015	11.9	N	2007
A60049	259	45035	C	C	1/30/2014	136.7	N	2617
A60049	704	01022	B	C	1/7/2008	24.8	N	4832
A60972	175	02006	A	C	10/7/2005	51.9	N	5654
A60972	175	02006	B	C	10/7/2005	31.6	N	5654
A60972	175	02007	A	C	9/5/2005	85.4	N	5686
A60972	175	02007	B	C	9/5/2005	5.2	N	5686
A60972	175	02007	C	C	9/5/2005	17.8	N	5686
A60972	175	02007	D	C	9/5/2005	5.6	N	5686

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A60972	258	19043	A	C	10/8/2014	40.3	N	2366
A60972	463	14021	A	C	12/19/2018	64.4	N	833
A60972	529	02066	A	C	9/4/2017	43.5	N	1304
A60972	723	01074	A	C	7/20/2010	22.2	N	3907
A60972	744	02131	A	C	10/24/2013	34.1	N	2715
A60972	752	02049	A	C	3/9/2011	24.2	N	3675
A60972	816	03099	A	C	11/9/2020	17.8	N	142
A60972	816	24264	A	C	10/8/2020	11.4	N	174
A60972	816	24266	A	C	10/15/2020	14	N	167
A60972	816	24266	B	C	10/15/2020	2.8	N	167
A60972	816	24394	A	C	10/21/2020	18.6	N	161
A60972	952	18055	A	C	9/8/2017	90.9	N	1300
A85946	282	44050	A	C	2/1/2018	30.3	N	1154
PAG12	APR-83319	25001	B	C	12/21/2007	1.9	N	4849
PAG12	APR-87649	S02035	A	C	2/23/2011	21	N	3689
PAG12	APR-90759	06046	A	C	1/22/2013	52.1	N	2990

Table 57: Licencee Participants Deciduous Establishment Delay Calculation for Reporting Period of April 1, 2020 to March 31, 2021

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A18154	269	09086	A	D	03/07/2018	49.3	N	1120
A18154	287	09113	B	D	08/21/2018	27.4	N	953
A18154	288	09126	B	D	09/07/2018	52.4	N	936
A18154	288	09132	C	D	09/21/2018	22.4	N	922
A18154	401	27033	A	D	11/11/2014	14.3	N	2332
A18154	424	27050	A	D	01/19/2017	2.8	N	1532
A18154	424	27053	A	D	02/20/2017	1.1	N	1500
A18154	440	18027	A	D	11/01/2015	42.7	N	1977
A18154	444	27034	A	D	12/16/2016	215	N	1566
A18154	444	27035	A	D	01/10/2017	65.5	N	1541
A18154	444	27036	A	D	01/26/2017	62.4	N	1525
A18154	444	27046	A	D	11/30/2016	131	N	1582
A18154	444	27048	A	D	01/26/2017	25.3	N	1525
A18154	445	27068	A	D	01/26/2017	17.1	N	1525
A18154	454	02274	B	D	03/03/2018	1.3	N	1124
A18154	462	01299	B	D	12/09/2019	6.4	N	478
A18154	530	04211	A	D	01/20/2018	156.7	N	1166
A18154	538	04260	B	D	3/28/2018	69.2	N	1099
A18154	546	02177	A	D	4/5/2018	88.8	N	1091
A18154	549	06127	A	D	8/2/2018	20.5	N	972
A18154	549	06128	B	D	7/25/2018	7	N	980
A18154	555	05045	B	D	10/1/2018	11.5	N	912
A18154	557	01315	A	D	6/11/2019	68.7	N	659
A18154	678	19036	C	D	1/3/2018	3.2	N	1183
A18154	756	S02007	B	D	2/1/2011	6.6	N	3711
A18154	756	S02029	B	D	1/25/2011	3.7	N	3718
A18154	763	02246	A	D	12/5/2011	33.7	N	3404
A18154	908	09036	B	D	1/3/2011	5.6	N	3740
A18154	909	S09133	A	D	11/17/2010	32.1	N	3787
A18154	929	25037	A	D	11/11/2013	202.2	N	2697
A56771	453	01257	B	D	1/14/2018	26.3	N	1172
A56771	559	05084	B	D	12/11/2018	2.4	N	841
A60049	270	44048	A	D	7/25/2018	16.4	N	980
A60049	270	44048	B	D	7/25/2018	5.3	N	980
A60049	285	45043	A	D	3/3/2019	353.3	N	759
A60049	423	02188	A	D	9/11/2017	15.1	N	1297
A60049	505	04092	A	D	3/20/2019	18.8	N	742
A60049	566	05103	A	D	2/19/2019	39.5	N	771
A60049	677	19098	A	D	11/18/2016	14.2	N	1594
A60049	718	43054	A	D	2/6/2018	16.7	N	1149
A60049	736	43053	A	D	1/1/2018	6.3	N	1185
A60049	736	43055	A	D	1/9/2018	160.9	N	1177

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A60049	736	43056	A	D	12/13/2017	59.2	N	1204
A60049	794	05025	A	D	2/15/2013	215.9	N	2966
A60049	808	23034	A	D	3/23/2018	1.5	N	1104
A60049	942	06062	A	D	10/16/2017	83	N	1262
A60049	942	06062	B	D	10/16/2017	44	N	1262
A60049	944	06073	A	D	11/15/2017	22.6	N	1232
A60049	944	06073	B	D	11/15/2017	20.2	N	1232
A60049	982	02233	A	D	4/16/2018	19	N	1080
A60049	996	23089	A	D	2/22/2018	2.6	N	1133
A60049	996	23091	A	D	2/23/2018	7	N	1132
A60049	996	23092	A	D	2/20/2018	6	N	1135
A60049	996	23094	A	D	2/20/2018	14.5	N	1135
A60049	998	02174	A	D	7/2/2018	24.3	N	1003
A60050	227	S05012	B	D	11/1/2005	87	N	5629
A60972	446	27043	A	D	3/15/2017	11.4	N	1477
A60972	446	27045	A	D	3/15/2017	4.1	N	1477
A60972	446	27056	A	D	2/21/2017	6.5	N	1499
A60972	529	02147	B	D	2/19/2018	8.3	N	1136
A60972	752	02059	A	D	11/25/2010	79.2	N	3779
A60972	952	18055	B	D	9/8/2017	70.1	N	1300
A85946	264	44062	A	D	4/1/2015	76.3	N	2191
A85946	282	44050	B	D	2/1/2018	31.2	N	1154
A85946	283	44047	A	D	10/16/2017	59.7	N	1262
A85946	283	44064	A	D	2/2/2018	121.6	N	1153
A85946	283	45044	A	D	11/15/2017	218.7	N	1232
A85946	283	45054	A	D	11/2/2017	59.8	N	1245
A85946	284	45045	A	D	8/2/2018	75.6	N	972
A85946	448	01192	A	D	3/6/2018	24.4	N	1121
A85946	448	01228	A	D	7/26/2018	19	N	979
A85946	448	01228	B	D	7/26/2018	15.6	N	979
A85946	448	01231	A	D	7/27/2017	16.9	N	1343
A85946	448	01232	A	D	3/20/2018	13.2	N	1107
A85946	448	01233	A	D	3/20/2018	9.7	N	1107
A85946	448	01238	A	D	6/19/2017	47.9	N	1381
A85946	448	01245	A	D	3/24/2018	16.7	N	1103
A85946	449	01235	A	D	11/16/2017	88.8	N	1231
A85946	449	01248	A	D	3/8/2017	55.2	N	1484
A85946	452	01252	A	D	10/5/2018	49	N	908
A85946	452	01254	A	D	10/5/2018	2.5	N	908
A85946	500	06092	A	D	10/1/2016	120.3	N	1642
A85946	503	04078	A	D	12/7/2017	6.8	N	1210
A85946	503	04082	A	D	1/23/2017	13.3	N	1528
A85946	972	04100	A	D	9/15/2015	36.1	N	2024
A85946	972	04103	A	D	7/27/2017	161.9	N	1343
A85946	972	04103	B	D	7/27/2017	11.9	N	1343

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A85946	978	01230	A	D	11/9/2017	22.8	N	1238
A85946	991	04097	A	D	11/13/2018	230.9	N	869
A85946	992	06035	A	D	7/15/2016	455.7	N	1720
A85946	992	06035	B	D	7/15/2016	52.5	N	1720
A85946	993	06045	A	D	12/14/2017	20.1	N	1203
A85946	995	04185	A	D	11/24/2017	24.5	N	1223
PAG12	APR-83118	S03066	A	D	1/20/2011	33	N	3723
PAG12	APR-83586	S03053	A	D	2/5/2008	87.2	N	4803
PAG12	APR-83805	27003	A	D	1/24/2008	28.9	N	4815
PAG12	APR-83805	S27002	A	D	2/22/2011	16.5	N	3690
PAG12	APR-85237	25004	A	D	10/13/2010	1.3	N	3822
PAG12	APR-85237	S25013	A	D	10/10/2010	14.4	N	3825
PAG12	APR-85237	S25014	A	D	10/13/2010	4.2	N	3822
PAG12	APR-85237	S25015	A	D	10/13/2010	8.1	N	3822
PAG12	APR-86665	02036	A	D	2/15/2010	9	N	4062
PAG12	APR-86665	S02091	A	D	9/10/2010	5.6	N	3855
PAG12	APR-87649	S02032	A	D	12/16/2010	59.5	N	3758
PAG12	APR-87649	S02033	A	D	1/20/2011	51	N	3723
PAG12	APR-87649	S02035	B	D	2/23/2011	36.9	N	3689
PAG12	APR-87683	S02037	A	D	8/4/2010	175	N	3892
PAG12	APR-87683	S02039	A	D	1/13/2011	21.9	N	3730
PAG12	APR-88138	S02010	A	D	1/3/2011	8	N	3740
PAG12	APR-88138	S02011	A	D	1/3/2011	37.1	N	3740
PAG12	APR-88138	S02018	A	D	1/22/2011	14.2	N	3721
PAG12	APR-89353	01186	A	D	11/1/2011	22.8	N	3438
PAG12	APR-92458	43067	A	D	3/14/2018	35.2	N	1113
PAG12	APR-92458	43068	A	D	3/14/2018	44.8	N	1113
PAG12	APR-92458	43069	A	D	3/19/2018	8.6	N	1108
PAG12	APR-95141	25040	A	D	3/16/2017	19.6	N	1476
PAG12	APR-95184	02149	A	D	3/9/2018	21.7	N	1118
PAG12	APR-95184	02157	A	D	2/28/2018	9.4	N	1127
PAG12	APR-95196	05123	A	D	4/19/2018	23.2	N	1077
PAG12	APR-95317	01119	A	D	2/27/2018	46.4	N	1128
PAG12	APR-95317	01188	A	D	8/12/2018	65.6	N	962
PAG12	APR-96042	02309	A	D	4/10/2018	69.3	N	1086
PAG12	APR-96053	01270	A	D	3/19/2018	3.1	N	1108
PAG12	APR-96090	43051	A	D	10/10/2018	32.6	N	903
PAG12	APR-96227	01325	A	D	8/27/2018	112.8	N	947
PAG12	APR-96392	05044	A	D	10/25/2018	2	N	888
PAG12	APR-96392	05046	A	D	11/13/2018	19.6	N	869

Table 58: Licencee Participants Mixedwood Establishment Delay Calculation for Reporting Period of April 1, 2020 to March 31, 2021

Licence	Permit	Cut Block	SU ID	Current Declaration	Harvest Start Date	SU NAR (ha)	Regen Met	Regen Days
A18154	276	45038	A	CD	12/19/2016	35.9	N	1563
A18154	280	09067	A	CD	02/23/2016	33.6	N	1863
A18154	407	02168	A	CD	03/22/2017	29.9	N	1470
A18154	413	02170	A	CD	02/10/2017	29.5	N	1510
A18154	424	27039	A	CD	01/12/2017	12.5	N	1539
A18154	426	03095	B	CD	09/26/2017	21.7	N	1282
A18154	445	01323	A	CD	01/19/2017	10.1	N	1532
A18154	445	27042	A	CD	03/01/2017	65	N	1491
A18154	445	27063	A	CD	01/19/2017	73.4	N	1532
A18154	667	24226	A	CD	11/25/2016	17	N	1587
A18154	908	09036	A	CD	1/3/2011	5.6	N	3740
A18154	966	02254	A	CD	11/7/2016	42681	N	1605
A18154	967	02165	A	CD	3/26/2017	114.3	N	1466
A18154	994	23025	A	CD	3/21/2017	25.7	N	1471
A56771	112	01196	A	CD	7/24/2015	38.5	N	2077
A56771	277	45065	A	CD	4/3/2017	15.6	N	1458
A60049	808	23090	A	DC	2/26/2018	5.3	N	1129
A60049	998	02148	A	DC	3/24/2017	27.9	N	1468
A85946	449	01216	A	DC	3/6/2019	181.2	N	756
A85946	995	04177	A	DC	8/22/2017	17.8	N	1317

Appendix 4: Compliance

Table 59: Licencee Participant Contraventions Reported to Agencies - April 1, 2020 - March 31, 2021

Incident ID	Occurrence Date	Tenure	Location	Date Reported	Agency	Status	Issue Description
ITS-FSJO-2020-2600	Nov 30th, 2020	A60972 CP816 Block 03099	North Blueberry	Dec 16th, 2020	Canfor	Closed	Contractor noticed that ribbons in the block did not match their Avenza map, stopped and contacted Canfor supervisor. Canfor supervisor confirmed that a trespass occurred on site and was accompanied with a Natural Resource Officer. Trespass is 0.05ha/25 trees and was reported to FLNRORD. Field re-work was done, and root cause analysis completed.

Table 60: BCTS Contraventions Reported to Agencies - April 1, 2020 - March 31, 2021

Incident ID	Occurrence Date	Tenure	Location	Date Reported	Agency	Status	Issue Description

*There are no compliance infractions to report during the reporting period.

Appendix 5: Acronym Listing & Definitions

Table 61: Acroymn Listing and Definitions

Acronym	Definition
AAC	Allowable Annual Cut
AIA	Archaeological Impact Assessments
AOA	Archaeological Overview Assessments
AOP	Areas Of (archaeological) Potential
ATV	All-Terrain Vehicle
BCTS	British Columbia Timber Sales
BEC	Biogeoclimatic Ecosystem Classification
BM	Boreal Foothills Mountain Natural Disturbance Unit
BPU	Boreal Plains Uplands Natural Disturbance Unit
BRFN	Blueberry River First Nations
BV	Boreal Foothills Valley Natural Disturbance Unit
CANFOR (Canfor)	Canadian Forest Products Ltd.
CCFM	Canadian Council of Forest Ministers
CCRES	Clear Cut with Reserves
CD	Conifer Leading Mixedwood stand
CFLB	Crown Forested Land Base
CFSSU	Chief Forester's Standard for Seed Use
CMI	Change Monitoring Inventory
COFI	Council of Forest Industries
CRL	Cameron River Logging
CSA	Canadian Standards Association
CWD	Coarse Woody Debris
DC	Deciduous Leading Mixedwood stands
DFA	Defined Forest Area
DRFN	Doig River First Nation
DTFN	Dene Tha First Nation
DZ	Dunne-za Limited Partnership
EA	Effective Age
FIT	Forester-In-Training
FL	Forest Licence
FOS	Forest Operations Schedule
FPC	Forest Practices Code
FRPA	Forest & Range Practices Act
FSJ	Fort St. John
FSJPPR	*Fort St. John Pilot Project Regulation*
FSR	Forest Service Road
GIS	Geographic Information System
GRIRMP	Graham River Integrated Resource Management Plan

Acronym	Definition
HLFN	Horse Lake First Nation
HRFN	Halfway River First Nation
IRM	Integrated Resource Management
ITS	Incident Tracking Systems
LB	Large Basins
LLS	Landscape Level Strategies
LP	Louisiana-Pacific Canada Ltd.
LRDW	Land Resource Data Warehouse
LRMP	Land and Resource Management Plan
LTHL	Long Term Harvest Level
LU	Landscape Unit
MFLNRORD	Ministry of Forests, Lands, Natural Resource Operations, and Rural Development
MKMA	Muskwa-Kechika Management Area
MOE	Ministry of Environment and Climate Change Strategy
MOF	Ministry of Forests
MPB	Mountain Pine Beetle
MPMC	Mackenzie Pulpmill corp
MSQ	Mean Stocked Quadrant
NAR	Net Area to be Reforested
NBM	Northern Boreal Mountains Natural Disturbance Unit
NDU	Natural Disturbance Unit
NHLB	Non-Timber Harvesting Land Base
NIT	Notice of Intent To Treat
O&G	Oil and Gas
OSB	Oriented Strand Board
OM	Omineca Mountains Natural Disturbance Unit
OV	Omineca Valley Natural Disturbance Unit
PA	Pulpwood Agreement
PAG	Public Advisory Group
PAS	Permanent Access Structures
PFI	Peak Flow Index
PFR	Preliminary Field Reconnaissance
PMP	Pest Management Plan
PMV	Predicted Merchantable Volume
POC	Point of Commencement
POT	Point of Termination
PRFN	Prophet River First Nation
PVOSB	Peace Valley Oriented Strand Board
RESULTS	Reporting Silviculture Updates and Land Status Tracking System

Acronym	Definition
RMZ	Resource Management Zone
ROS	Recreation Opportunity Spectrum
RPF	Registered Professional Forester
RRZ	Riparian Reserve Zone
RUA	Road Use Agreement
SAFE	Safety Accord Forestry Enterprise
SFM	Sustainable Forest Management
SFMP	Sustainable Forest Management Plan
SFN	Saulteau First Nation
SI	Site Index
SLMG	Stand Level Management Guidelines
SLP	Site Level Plan
SMZ	Special Management Zone
SQCI	Stream Quality Crossing Index
TASS	Tree and Stand Simulator
TFT	Trainee Forest Technologists
TMV	Target Merchantable Volume
TOR	Terms of Reference
TRAP	Timber and Range Action Plan
TRIMC	Timber and Range Impact Mitigation Committee
TSA	Timber Supply Area
TSL	Timber Supply Licence
TSR	Timber Supply Review
TSS	Target Stocking Standard
UWR	Ungulate Winter Ranges
VQO	Visual Quality Objective
VRI	Vegetation Resources Inventory
WHA	Wildlife Habitat Areas
WMFN	West Moberly First Nation
WQCR	Water Quality Concern Rating
WQEE	Water Quality Effectiveness Evaluation
WTP	Wildlife Tree Patch

Appendix 6: Contact Information

For More Information regarding this report please contact:

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A copy of this report can be found at the Fort St John Pilot Project website:

http://www.fsjpilotproject.com/