Fort St. John Pilot Project

Sustainable Forest Management Plan
2003 Annual Report

For the period ending March 31, 2004

BC Timber Sales
Canadian Forest Products Ltd.
Cameron River LoggingLtd.
Louisiana-Pacific Canada Ltd.
Tembec Inc.

FINAL

October 28, 2004

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October 28, 2004

EXECUTIVE SUMMARY

The following table summarizes suggested revisions, non-conformances, or significant progress to indicators in the 2003 Annual Report:

Indicator		Significant Revisions, Progress or Methodology
1	Forest Types	CMI plots established
4	Shape Index	Suggested change to reporting frequency
6	Coarse Woody Debris	CMI plots established
8	Shrubs	CMI plots established
11	Species at Risk	Suggested change to timeline
13	Coniferous Seeds	Variances and non-conformance noted
26	Salvage	Suggested change to exclude small (<5 ha) areas
30	Establishment Delay	Clarification provided
31	Long Term Harvest Level	CMI plots established
36	Protection of Streambanks	Variances noted
56	Elements Pertinent to Treaty Rights	Variances noted in Indicator 36
57	Values and Uses Addressed	Non-conformances have been noted
61	STAC	Continuation of STAC to be determined

For the period of April 1, 2003 to March 31, 2004, 4 out of 61 SFM performance indicators and targets were not met.

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1. INTRODUCTION AND OVERVIEW

This annual report summarizes activities completed between April 1, 2003 and March 31, 2004 on tenures held by BC Timber Sales, Canadian Forest Products Ltd. (FL A18154 and PA 12), Cameron River Logging Ltd. (FL A59959), Louisiana-Pacific Canada Ltd. (FL A60049 and FL 60050), and Tembec Inc. (FL A60972) in the Fort St. John TSA.

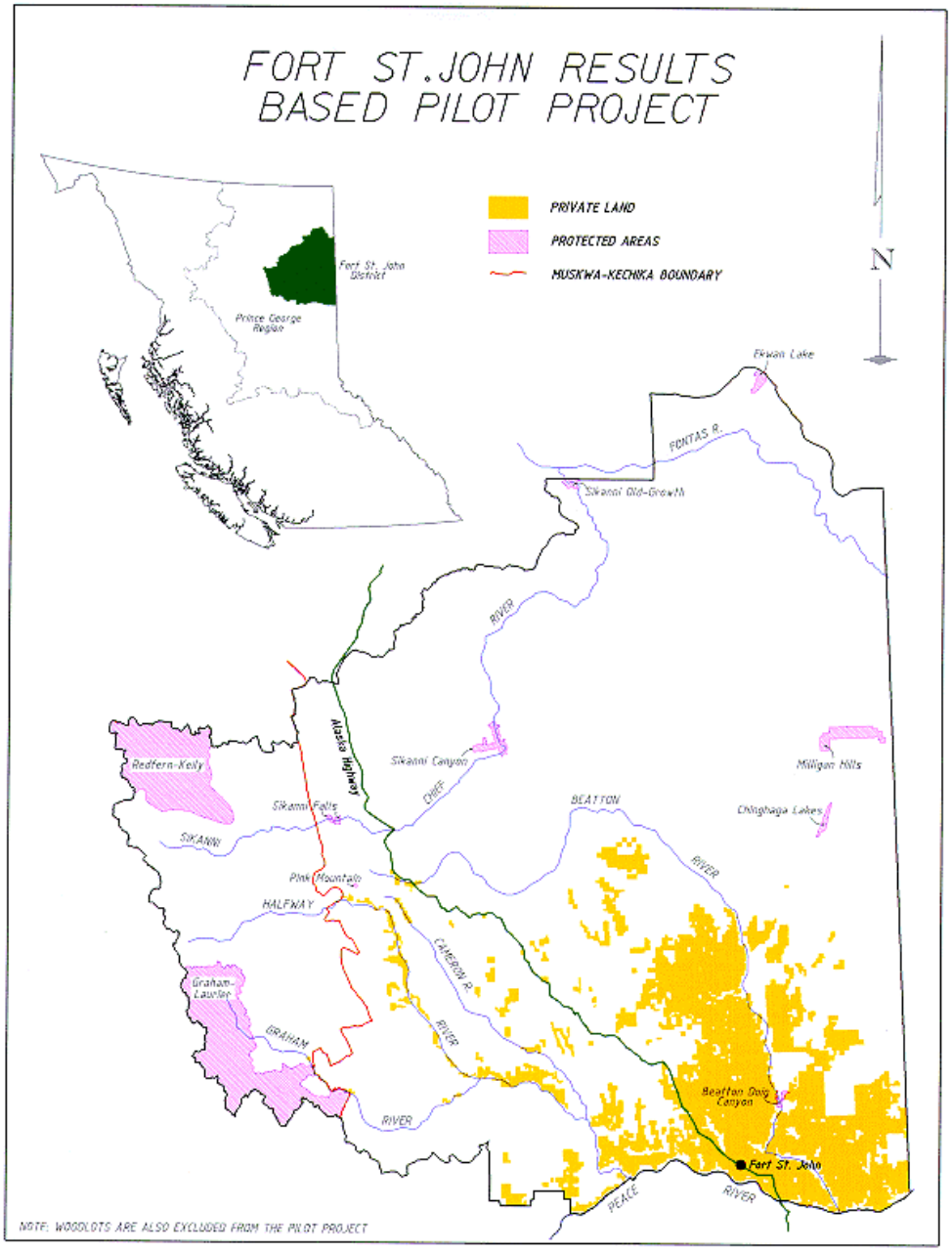


Figure 1: Project Area Map

The Pilot Particiapants achieved registration under the Canadian Standards Association CAN/CSA Z809-02 Sustainable Forest Management System for the Fort St. John TSA (see Figure 1) forestry operations in 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, goals, indicators and targets for sustainable forest management. The original indicators and targets identified by the PAG were detailed with associated forest management practices to achieve those objectives in the Sustainable Forest Management Plan. The 2003 Annual Report is a summary report on the status of each indicator and provides revisions to some of the indicators, targets, or the way they are measured.

This report is prepared as an annual report required by the CSA standard and the Fort St. John Pilot Project Regulation (FSJPPR). In this report, each indicator is reiterated, and a brief status report is provided. For additional information on the indicators and targets, or the practices involved, the reader should refer to the SFMP.

The format of the remainder of this document and the detailed status of each indicator are provided below. *This document is subject to review by the Public Advisory Group (PAG).*

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. Beginning 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 Fort St. John Pilot Project Regulation requires the establishment of a strategic plan for the pilot project area, to be known as a Sustainable Forest Management (SFM) Plan. The participants have and will continue to prepare 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.

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.	

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, 2004 (except where noted) was used for the preparation of this status report.

REVISIONS

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

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	100% of forest type groups by landscape unit will be within the target range
SFM Objective: 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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

In 2003, 29 Change Monitoring Inventory plots were established. Over time and subsequent re-measurements these plots will be used to detect long-term changes in managed stands species composition.

The next analysis and reporting of this indicator will be done in the next SFM plan due no later than 2010.

REVISIONS

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

3.2. SERAL STAGES

Indicator Statement	Target Statement
The minimum proportion (%) of late seral forest by NDU by LU	The minimum proportion (%) of late seral forest by NDU by LU as identified in Table 1, Table 2, and Table 3 will be met within the identified timelines
SFM Objective: The diversity and pattern of communities and ecosystems within a natural range 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 that exist within the range of natural variability	
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.	

CURRENT STATUS AND COMMENTS

There is no change to the seral stage status since the completion of the SFM plan. The next reporting will be completed as part of the Field Operations Schedule (FOS) and summarized in the 2004-05 annual report.

In 2003 there were some natural disturbances (see indicator 26). Spatial information has been requested from the Ministry of Forests. This information will be stored and used in subsequent seral stage analyses.

REVISIONS

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

Table 1: Boreal Plains Deciduous Current and FDP Seral Stage and Targets

NDU	NDU Subunit	Landscape Unit	Seral Age Group																		>120 Target	Years to meet Target	Total Area
			<40				40-100				101-120				>120								
			Current Status		FDP Status		Current Status		FDP Status		Current Status		FDP Status		Current Status			FDP Status					
			Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Surplus / (Deficit)	Area (ha)	%	Surplus / (Deficit)			
Boreal Plains	Alluvial	Kahntah	8	0.3%	9	0.26%	2,579	79.1%	2,579	79.06%	276	8.5%	276	8.46%	399	12.2%	(91)	399	12.2%	(91)	15%	30	3,262
		Tommy Lakes	215	3.2%	215	3.21%	4,519	67.3%	4,010	59.68%	564	8.4%	1,074	15.98%	1,419	21.1%	747	1,419	21.1%	747	10%	0	6,718
		Trutch	105	1.7%	105	1.74%	4,177	69.1%	3,647	60.31%	320	5.3%	850	14.05%	1,445	23.9%	538	1,445	23.9%	538	15%	0	6,047
	Alluvial Total		329	2.1%	329	2.05%	11,275	70.4%	10,235	63.86%	1,160	7.2%	2,200	13.72%	3,263	20.4%		3,263	20.4%				16,027
	Upland	Blueberry	20,319	11.2%	28,166	15.49%	112,897	62.1%	107,970	59.39%	33,878	18.6%	18,605	10.23%	14,700	8.1%	(3,480)	27,053	14.9%	8,873	10%	0	181,793
		Halfway	2,329	11.0%	2,391	11.29%	10,545	49.8%	10,245	48.37%	4,158	19.6%	3,667	17.31%	4,149	19.6%	2,031	4,878	23.0%	2,760	10%	0	21,181
		Kahntah	1,430	1.7%	1,378	1.65%	67,182	80.3%	67,234	80.40%	8,971	10.7%	8,971	10.73%	6,043	7.2%	(6,501)	6,042	7.2%	(6,502)	15%	50	83,626
		Kobes	3,174	7.1%	5,869	13.08%	13,297	29.6%	11,047	24.62%	16,977	37.8%	11,836	26.38%	11,419	25.5%	6,933	16,115	35.9%	11,628	10%	0	44,867
		Lower Beatton	5,408	8.3%	8,329	12.74%	44,824	68.5%	43,157	65.99%	8,900	13.6%	8,020	12.26%	6,268	9.6%	(3,542)	5,893	9.0%	(3,916)	15%	40	65,399
		Milligan	1,039	2.0%	2,367	4.59%	46,168	89.5%	45,687	88.59%	1,446	2.8%	902	1.75%	2,921	5.7%	(4,815)	2,618	5.1%	(5,118)	15%	90	51,574
		Tommy Lakes	2,690	3.4%	4,417	5.63%	57,290	73.0%	54,057	68.86%	12,148	15.5%	11,091	14.13%	6,374	8.1%	(1,476)	8,937	11.4%	1,086	10%	0	78,502
		Trutch	161	0.3%	176	0.36%	43,790	88.7%	32,398	65.60%	234	0.5%	11,610	23.51%	5,204	10.5%	(2,205)	5,205	10.5%	(2,203)	15%	40	49,390
	Upland Total		36,550	6.3%	53,093	9.21%	395,992	68.7%	371,796	64.51%	86,713	15.0%	74,703	12.96%	57,077	9.9%		76,741	13.3%				576,332
Boreal Plains Total			36,879	6.2%	53,422	9.02%	407,268	68.8%	382,031	64.49%	87,873	14.8%	76,902	12.98%	60,340	10.2%		80,004	13.5%				592,360

Table 2: Boreal Plains Conifer Current and FDP Seral Stage and Targets

NDU	NDU Subunit	Landscape Unit	Seral Age Group																		>140 Target	Years to meet Target	Total Area
			<40				40-120				121-140				>140								
			Current Status		FDP Status		Current Status		FDP Status		Current Status		FDP Status		Current Status			FDP Status					
			Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Surplus / (Deficit)	Area (ha)	%	Surplus / (Deficit)			
Boreal Plains	Alluvial	Kahntah	747	21.6%	839	24.2%	672	19.4%	672	19.4%	471	13.6%	471	13.6%	1,570	45.4%	(177)	1,478	42.7%	(269)	50.5%	30	3,460
		Tommy Lakes	708	11.0%	726	11.2%	1,880	29.1%	1,862	28.8%	2,924	45.2%	2,537	39.2%	953	14.7%	(1,892)	1,340	20.7%	(1,505)	44.0%	40	6,465
		Trutch	621	11.8%	621	11.8%	1,912	36.2%	1,912	36.2%	2,075	39.3%	1,319	25.0%	668	12.7%	(1,996)	1,424	27.0%	(1,240)	50.5%	40	5,275
	Alluvial Total		2,076	13.7%	2,185	14.4%	4,463	29.4%	4,446	29.2%	5,470	36.0%	4,327	28.5%	3,190	21.0%		4,242	27.9%				15,200
	Upland	Blueberry	69,618	23.0%	63,952	21.1%	166,768	55.1%	154,452	51.0%	40,567	13.4%	55,341	18.3%	25,775	8.5%	(25,689)	28,983	9.6%	(22,481)	17.0%	20	302,729
		Halfway	14,039	11.7%	14,576	12.1%	46,510	38.6%	44,759	37.2%	25,677	21.3%	22,178	18.4%	34,250	28.4%	13,769	38,963	32.3%	18,482	17.0%	0	120,476
		Kahntah	30,278	21.1%	31,730	22.1%	58,401	40.8%	58,400	40.8%	20,647	14.4%	20,520	14.3%	33,980	23.7%	(1,846)	32,656	22.8%	(3,171)	25.0%	20	143,306
		Kobes	9,306	13.1%	10,399	14.6%	27,189	38.3%	17,758	25.0%	13,470	19.0%	20,665	29.1%	21,070	29.7%	8,994	22,212	31.3%	10,136	17.0%	0	71,034
		Lower Beatton	4,017	13.9%	4,486	15.5%	18,240	63.0%	16,418	56.7%	5,754	19.9%	7,053	24.4%	938	3.2%	(6,300)	993	3.4%	(6,244)	25.0%	40	28,950
		Milligan	23,241	21.9%	24,002	22.6%	58,879	55.5%	58,776	55.4%	10,402	9.8%	9,612	9.1%	13,531	12.8%	(12,982)	13,663	12.9%	(12,850)	25.0%	40	106,053
		Tommy Lakes	32,191	10.4%	34,352	11.1%	181,129	58.6%	169,223	54.7%	60,015	19.4%	58,059	18.8%	35,980	11.6%	(16,603)	47,682	15.4%	(4,901)	17.0%	30	309,315
		Trutch	6,629	3.4%	7,339	3.7%	86,550	43.8%	86,677	43.9%	88,817	45.0%	74,447	37.7%	15,472	7.8%	(33,895)	29,003	14.7%	(20,364)	25.0%	40	197,467
	Upland Total		189,319	14.8%	190,836	14.9%	643,665	50.3%	606,463	47.4%	265,349	20.7%	267,875	20.9%	180,997	14.1%		214,156	16.7%				1,279,329
Boreal Plains Total			191,395	14.8%	193,021	14.9%	648,129	50.1%	610,908	47.2%	270,819	20.9%	272,202	21.0%	184,187	14.2%		218,398	16.9%				1,294,529

Table 3: Boreal Foothills, Northern Boreal Mountains and Omineca Current and FDP Seral Stage and Targets

NDU	NDU Subunit	Landscape Unit	Seral Age Group																					
			<40				40-120				121-140				>140							>140 Target	Years to meet Target	Total Area
			Current Status		FDP Status		Current Status		FDP Status		Current Status		FDP Status		Current Status			FDP Status						
			Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Surplus / (Deficit)	Area (ha)	%	Surplus / (Deficit)				
Boreal Foothills	Mountain	Crying Girl	2,110	4.9%	2,947	6.8%	17,634	40.8%	15,731	36.4%	8,355	19.4%	8,705	20.2%	15,075	34.9%	(2,626)	15,791	36.6%	(1,911)		41.0%	30	43,175
		Graham	1,076	1.1%	1,315	1.3%	42,797	43.2%	39,980	40.4%	15,608	15.8%	17,914	18.1%	39,523	39.9%	(8,989)	39,795	40.2%	(8,717)		49.0%	30	99,004
		Halfway	26	0.2%	18	0.1%	4,227	35.6%	3,943	33.2%	3,089	26.0%	2,689	22.7%	4,527	38.1%	610	5,219	44.0%	1,303		33.0%	0	11,869
	Mountain Total		3,212	2.1%	4,280	2.8%	64,658	42.0%	59,654	38.7%	27,052	17.6%	29,309	19.0%	59,125	38.4%		60,805	39.5%					154,048
	Valley	Crying Girl	1,762	9.3%	2,331	12.3%	8,804	46.6%	8,190	43.3%	3,396	18.0%	3,716	19.7%	4,947	26.2%	(1,009)	4,673	24.7%	(1,284)		31.5%	30	18,910
		Graham	215	1.5%	455	3.2%	8,759	62.5%	7,586	54.1%	2,196	15.7%	2,678	19.1%	2,851	20.3%	(2,757)	3,302	23.6%	(2,306)		40.0%	50	14,021
		Halfway	0	0.0%	0	0.0%	549	35.7%	515	33.5%	505	32.8%	415	27.0%	484	31.5%	130	608	39.5%	254		23.0%	0	1,538
	Valley Total		1,978	5.7%	2,786	8.1%	18,112	52.5%	16,291	47.3%	6,098	17.7%	6,810	19.8%	8,282	24.0%		8,583	24.9%					34,470
Boreal Foothills Total			5,190	2.8%	7,066	3.7%	82,770	43.9%	75,945	40.3%	33,150	17.6%	36,118	19.2%	67,407	35.8%		69,388	36.8%					188,517
Northern Boreal Mountains		Graham	1,458	14.4%	1,444	14.2%	4,108	40.5%	4,082	40.2%	1,895	18.7%	1,923	18.9%	2,688	26.5%	(3,401)	2,698	26.6%	(3,390)		60.0%	60	10,148
		Sikanni	4,118	4.2%	4,118	4.2%	26,447	26.9%	26,447	26.9%	21,460	21.8%	8,748	8.9%	46,431	47.2%	(12,642)	59,143	60.1%	70		60.0%	0	98,455
	Total		5,575	5.1%	5,562	5.1%	30,555	28.1%	30,529	28.1%	23,355	21.5%	10,671	9.8%	49,118	45.2%		61,841	56.9%					108,603
Northern Boreal Mountains Total			5,575	5.1%	5,562	5.1%	30,555	28.1%	30,529	28.1%	23,355	21.5%	10,671	9.8%	49,118	45.2%		61,841	56.9%					108,603
Omineca	Mountain	Graham	237	0.3%	233	0.3%	19,707	22.5%	18,814	21.5%	9,807	11.2%	8,770	10.0%	57,851	66.0%	(2,594)	59,785	68.2%	(660)		69.0%	20	87,602
	Mountain Total		237	0.3%	233	0.3%	19,707	22.5%	18,814	21.5%	9,807	11.2%	8,770	10.0%	57,851	66.0%		59,785	68.2%					87,602
	Valley	Graham	50	0.6%	50	0.6%	4,925	56.7%	4,636	53.4%	1,581	18.2%	1,718	19.8%	2,123	24.5%	(1,349)	2,276	26.2%	(1,196)		40.0%	40	8,680
	Valley Total		50	0.6%	50	0.6%	4,925	56.7%	4,636	53.4%	1,581	18.2%	1,718	19.8%	2,123	24.5%		2,276	26.2%					8,680
Omineca Total			287	0.3%	283	0.3%	24,633	25.6%	23,450	24.4%	11,388	11.8%	10,488	10.9%	59,974	62.3%		62,061	64.5%					96,282
Grand Total			11,052	2.8%	12,911	3.3%	137,957	35.1%	129,924	33.0%	67,893	17.3%	57,277	14.6%	176,500	44.9%		193,290	49.1%					393,402

3.3. PATCH SIZE

Indicator Statement	Target Statement
Percent area by Patch Size Class (0-50, 51-100, and >100 ha) by Landscape Unit	A minimum of 19 of 33 (58%) of the baseline targets for early patches will be achieved during the term of this SFMP (Table 4) A minimum of 10 of 11 (91%) of the baseline targets for mature patches will be achieved during the term of this SFMP (Table 5)
SFM Objective: The diversity and pattern of communities and ecosystem's 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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

There is no change to the patch size status since the completion of the SFM plan. The next reporting will be completed as part of the Field Operations Schedule (FOS) and summarized in the 2004-05 annual report.

In 2003 there were some natural disturbances (see indicator 26). Spatial information has been requested from the Ministry of Forests. This information will be stored and used in subsequent patch size analyses.

REVISIONS

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

Table 4: Early Patch Size Class Current and Post FDP Status

NDU	LU	Patch Class	Early Patches				Targets (Acceptable Range)
			Current 2002 (ha)	%	Post FDP 2006 (ha)	%	
Boreal Plains	Blueberry	0-50	12,804	11.8%	10,601	10.1%	5(5-10)
	High	51-100	9,101	8.4%	9,512	9.1%	5(5-10)
		100+	86,352	79.8%	84,459	80.8%	90(65-90)
	Blueberry Total		108,257	100.0%	104,573	100.0%	
	Halfway	0-50	2,209	10.3%	1,965	9.0%	5(5-10)
	High	51-100	3,300	15.4%	3,410	15.7%	5(5-10)
		100+	15,903	74.3%	16,377	75.3%	90(65-90)
	Halfway Total		21,413	100.0%	21,752	100.0%	
	Kahntah	0-50	3,194	10.0%	3,571	10.6%	5(5-25)
	Moderate	51-100	2,539	7.9%	2,821	8.4%	5(5-10)
		100+	26,206	82.1%	27,207	81.0%	90(55-90)
	Kahntah Total		31,939	100.0%	33,599	100.0%	
	Kobes	0-50	2,544	17.3%	2,721	14.7%	5(5-10)
	High	51-100	3,243	22.1%	3,405	18.4%	5(5-10)
		100+	8,893	60.6%	12,341	66.8%	90(65-90)
	Kobes Total		14,679	100.0%	18,466	100.0%	
	Lower Beatton	0-50	5,489	23.8%	4,807	19.5%	5(5-25)
	Moderate	51-100	2,779	12.0%	3,297	13.3%	5(5-10)
		100+	14,832	64.2%	16,611	67.2%	90(65-90)
	Lower Beatton Total		23,100	100.0%	24,716	100.0%	
	Milligan	0-50	1,688	6.3%	1,664	5.9%	5(5-25)
	Moderate	51-100	1,006	3.8%	1,134	4.0%	5(5-10)
		100+	24,029	89.9%	25,350	90.1%	90(65-90)
	Milligan Total		26,723	100.0%	28,148	100.0%	
	Tommy Lakes	0-50	4,570	11.8%	6,022	14.3%	5(5-20)
	High	51-100	4,470	11.6%	5,426	12.9%	5(5-10)
		100+	29,545	76.6%	30,694	72.8%	90(65-90)
	Tommy Lakes Total		38,585	100.0%	42,142	100.0%	
	Trutch	0-50	851	11.8%	1,264	15.9%	5(5-20)
	Moderate	51-100	820	11.4%	1,333	16.8%	5(5-10)
		100+	5,549	76.9%	5,355	67.3%	90(65-90)
	Trutch Total		7,221	100.0%	7,952	100.0%	
		0-50	33,349	12.3%	32,615	11.6%	
		51-100	27,258	10.0%	30,338	10.8%	
		100+	211,309	77.7%	218,394	77.6%	
Boreal Plains Total			**271,916**	**100.0%**	**281,347**	**100.0%**	
Northern Boreal Mtns	Sikanni	0-50	121	4.1%	121	4.1%	5(5-15)
	Low	51-100	58	2.0%	58	2.0%	5(5-10)
		100+	2,765	93.9%	2,765	93.9%	90(65-90)
	Sikanni Total		2,945	100.0%	2,945	100.0%	
Northern Boreal Mtns Total			**2,945**	**100.0%**	**2,945**	**100.0%**	
Boreal Foothills	Crying Girl	0-50	627	15.3%	556	10.1%	20(15-25)
	Moderate	51-100	283	6.9%	237	4.3%	10(5-15)
		100+	3,176	77.7%	4,700	85.6%	70(55-85)
	Crying Girl Total		4,087	100.0%	5,493	100.0%	
	Graham	0-50	930	30.2%	899	25.6%	20(15-25)
	High	51-100	224	7.3%	590	16.8%	10(5-15)
		100+	1,924	62.5%	2,029	57.7%	70(55-85)
	Graham Total		3,078	100.0%	3,519	100.0%	
		0-50	1,557	21.7%	1,455	16.1%	
		51-100	507	7.1%	827	9.2%	
		100+	5,100	71.2%	6,730	74.7%	
Boreal Foothills Total			**7,165**	**100.0%**	**9,011**	**100.0%**	

Table 5: Mature Patch Size Class Current and Post FDP Status

NDU	LU	Patch Class	Current 2002			Post FDP 2006			Target Min % Distribution >100 ha
			Ha	% Distribution	% Interior Forest	Ha	% Distribution	% Interior Forest	
Boreal Plains	Blueberry High	0-50	21,506	24.1%	37%	24,672	19.6%	33%	
		51-100	10,584	11.9%	60%	10,568	8.4%	51%	
		100+	57,043	64.0%	95%	90,439	72.0%	90%	>65%
	Blueberry Total		89,133	100.0%	64%	125,678	100.0%	63%	
	Halfway High	0-50	6,730	6.8%	32%	6,826	6.6%	30%	
		51-100	2,452	2.5%	39%	2,054	2.0%	40%	
		100+	90,347	90.8%	91%	94,588	91.4%	90%	>65%
	Halfway Total		99,528	100.0%	78%	103,467	100.0%	76%	
	Kahntah Moderate	0-50	20,125	27.7%	47%	20,420	28.7%	47%	
		51-100	9,102	12.5%	68%	8,698	12.2%	67%	
		100+	43,545	59.8%	95%	42,094	59.1%	95%	>55%
	Kahntah Total		72,772	100.0%	71%	71,212	100.0%	70%	
	Kobes High	0-50	4,785	9.8%	32%	4,575	7.3%	29%	
		51-100	1,957	4.0%	47%	1,633	2.6%	42%	
		100+	41,884	86.1%	92%	56,196	90.1%	84%	>65%
	Kobes Total		48,625	100.0%	72%	62,404	100.0%	71%	
	Lower Beatton Moderate	0-50	6,762	35.1%	32%	7,932	37.2%	31%	
		51-100	2,260	11.7%	52%	2,539	11.9%	52%	
		100+	10,240	53.2%	81%	10,832	50.8%	78%	>65%
	Lower Beatton Total		19,262	100.0%	51%	21,303	100.0%	48%	
	Milligan Moderate	0-50	4,756	17.2%	40%	4,877	18.3%	38%	
		51-100	1,994	7.2%	47%	1,970	7.4%	45%	
		100+	20,831	75.5%	94%	19,776	74.3%	93%	>65%
	Milligan Total		27,581	100.0%	75%	26,623	100.0%	75%	
	Tommy Lakes High	0-50	20,607	18.0%	43%	21,056	16.5%	41%	
		51-100	7,487	6.5%	61%	7,793	6.1%	53%	
		100+	86,490	75.5%	96%	98,482	77.3%	93%	>65%
	Tommy Lakes Total		114,584	100.0%	77%	127,331	100.0%	74%	
	Trutch Moderate	0-50	10,364	8.4%	46%	10,498	8.6%	46%	
		51-100	6,179	5.0%	66%	6,179	5.0%	63%	
		100+	106,676	86.6%	95%	105,705	86.4%	95%	>65%
	Trutch Total		123,218	100.0%	86%	122,381	100.0%	85%	
		0-50	95,635	16.1%	40%	100,855	15.3%	38%	
		51-100	42,013	7.1%	58%	41,432	6.3%	54%	
		100+	457,055	76.9%	94%	518,112	78.5%	91%	
Boreal Plains Total			594,703	100.0%	75%	660,400	100.0%	73%	
Northern Boreal Mtns	Sikanni Low	0-50	4,309	3.8%	30%	4,309	3.8%	30%	
		51-100	2,969	2.6%	29%	2,969	2.6%	29%	
		100+	107,250	93.6%	78%	107,346	93.7%	78%	>65%
	Sikanni Total		114,527	100.0%	71%	114,624	100.0%	71%	
Northern Boreal Mtns Total			114,527	100.0%	71%	114,624	100.0%	71%	
Boreal Foothills	Crying Girl Moderate	0-50	2,150	10.3%	30%	1,977	9.0%	29%	
		51-100	534	2.6%	56%	454	2.1%	43%	
		100+	18,212	87.2%	94%	19,619	89.0%	90%	>55%
	Crying Girl Total		20,896	100.0%	78%	22,050	100.0%	74%	
	Graham Low	0-50	9,019	6.7%	27%	8,613	6.3%	26%	
		51-100	3,315	2.5%	30%	2,744	2.0%	27%	
		100+	122,428	90.8%	85%	126,252	91.7%	85%	>55%
	Graham Total		134,762	100.0%	71%	137,609	100.0%	72%	
		0-50	11,169	7.2%	28%	10,590	6.6%	27%	
		51-100	3,849	2.5%	33%	3,198	2.0%	29%	
		100+	140,640	90.4%	86%	145,871	91.4%	86%	
Boreal Foothills Total			155,658	100.0%	72%	159,659	100.0%	72%	

3.4. SHAPE INDEX

Indicator Statement	Target Statement
Average shape index of young patches in a landscape unit	Patches 50 -100 ha: The average Shape Index of young patches in a LU will be at least 2.0 Patches 100 -1000: The average Shape Index of young patches in an LU will be at least 3.0 Patches 1000+: The average Shape Index of young patches in an LU will be at least 4.0
SFM Objective: The diversity and pattern of communities and ecosystems within a natural range	
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.	

CURRENT STATUS AND COMMENTS

There is no change to the shape index status since the completion of the SFM plan. In the SFM plan the Trutch LU in the 101-1000 ha class was only one where the target was not met. There was no harvesting in this patch class in the Trutch LU in 2003-04.

The next reporting will be completed as part of the Field Operations Schedule (FOS) and summarized in the 2004-05 annual report.

In 2003 there were some natural disturbances (see Indicator 3.26). Spatial information has been requested from the Ministry of Forests. This information will be stored and used in subsequent shape index analyses.

REVISIONS

The pilot participants recommend that the monitoring procedures for this indicator be modified to report the status only at the FDP/FOS stages rather than reporting in each annual report. Where this analysis indicates that some LU's require additional attention to meet the targets then shape index for those blocks harvested by LU would be reported in the annual report.

3.5. SNAGS/CAVITY SITES

Indicator Statement	Target Statement
Number of snags and/or live trees (>17.5cm dbh) per ha on prescribed areas	Retain annually an average of at least 6 snags and/or live trees (>17.5 cm dbh) per hectare on prescribed areas
SFM Objective: Suitable habitat elements for indicator species to promote species richness 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	

CURRENT STATUS AND COMMENTS

Following (Table 6) is a summary of the number of blocks that had harvesting completed, the number of blocks that had snags, stubs or live trees prescribed, and the number of blocks prescribed where the harvesting supervisor determined the general intent of the SLP requirement was met.

Table 6: Summary of Snag Retention

Participant	# Blocks Logged	# Blocks Prescribed (mandatory clause)	# Blocks Conforming
Canfor	81	60	60
BCTS	15	0	0
Total	96	60	60

Surveys of actual average retention levels will commence in 2004.

REVISIONS

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

3.6. COARSE WOODY DEBRIS VOLUME

Indicator Statement	Target Statement
Average Coarse Woody Debris volume/ha on blocks logged in the DFA	Minimum average retention level over the DFA will be 46 m^3/ha (50% of average pre-harvest volume) on harvested blocks assessed between December 1, 2003 and November 30, 2008
SFM Objective: 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 29(2) of the FSJPPR the applicable performance standard is specified by this indicator statement, target statement and acceptable variance.	

CURRENT STATUS AND COMMENTS

As of April 1, 2004 there is only one harvest area that will require a CWD sample completed prior to the next SFM plan. This is Canfor block 21013 and will be completed prior to the next SFM plan.

In 2003, 29 CMI plots were established in previously harvested and regenerated stands. Interim results showed an average amount of coarse woody debris was 97 m3/ha (± 27 m3/ha). The range was from a minimum of 7 to a maximum of 342 m3/ha. At this stage these samples are grouped in the Kobes/Wonowon area and are not representative of all harvesting in the Ft St John TSA.

REVISIONS

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

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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

A review of compliance issues from April 1, 2003 to March 31, 2004 indicate that there have been no non-compliances during that period of time to the riparian reserve zone standards.

REVISIONS

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

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	

CURRENT STATUS AND COMMENTS

In 2003, 29 Change Monitoring Inventory plots were established. Over time these plots will be used to monitor shrub habitat levels within previously harvested and regenerated stands.

REVISIONS

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

3.9. WILDLIFE TREE PATCHES

Indicator Statement	Target Statement
Aggregate 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 6% Halfway 3% Kahntah 7% Kobes 5% Lower Beatton 8% Milligan 6% Tommy Lakes 3% Trutch 5% Sikanni 4% Graham 4% Crying Girl 6%
SFM Objectives: Suitable habitat elements for indicator species 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.	

CURRENT STATUS AND COMMENTS

The following table (Table 7) indicates the amount of harvest area and proportion of WTP's by each Landscape Unit where the harvest start date is between November 15, 2001 and March 31, 2004.

Table 7: Harvest Area and Proportion of WTP's by LU

LU	Gross Harvest Area	WTP Area (ha)	WTP %	Target
Blueberry	3,661	402	11%	6%
Crying Girl	615	74	12%	6%
Halfway	486	65	13%	3%
Kahntah	582	61	10%	7%
Kobes	175	32	18%	5%
Lower Beatton	421	54	13%	8%
Milligan	30	3	10%	6%
Tommy Lakes	4,181	352	8%	3%
Trutch	887	62	7%	5%
Grand Total	11,038	1,104	10%	

No harvesting has taken place in the Sikanni or Graham LU's since November 15, 2001.

The ongoing monitoring strategy for this indicator is to have all participants identify WTP's in Genus as SU type either Exterior Reserve or Interior Reserve. Database queries have been created that identify the proportion of WTP by LU and are made available to planners.

REVISIONS

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

3.10. NOXIOUS WEED CONTENT

Indicator Statement	Target Statement
The % prohibited and primary noxious weeds, and known invasive weed species of concern, in seed mix analysis	Seed mix analysis will have 0% content of prohibited and primary noxious weeds as identified in the most current publication of "Noxious Weeds in the Peace River Regional District", and known invasive weed species of concern
SFM Objective: Suitable habitat elements for indicator species	
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.	

CURRENT STATUS AND COMMENTS

Seed analysis certificates were received for all seed purchases by Canfor between April 1, 2003 and March 31, 2004. A review of the seed certificates indicates that the seed was free of prohibited and primary noxious weeds, and known invasive weed species as identified in the SFMP.

BC Timber Sales seed was purchased and applied by the timber sale licensees. Licensee submitted seed tags as "proof of quality and application". No system is currently in place to verify or refute quality or application at this time. BC Timber Sales is currently reviewing the seeding procedure and are considering changes to the process of road re-vegetation.

REVISIONS

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

3.11. SPECIES AT RISK FOREST MANAGEMENT STRATEGIES

Indicator Statement	Target Statement
The percent of species at risk with management strategies developed and being implemented	Develop forest management strategies for all species at risk in the DFA by June 2004 On an annual basis, ensure that 100% of species at risk management strategies are being implemented as scheduled
SFM Objective: Maintain habitats for species at risk	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

As of March 31, 2004 a preliminary draft of the Species at Risk Forest Management Strategies was developed. The strategies still need to be reviewed thoroughly by the Pilot Participants. MWALP will be asked to provide comments.

REVISIONS

The Pilot Participants propose that the timelines for the development of the management strategies be changed to December 1, 2004.

3.12. CARIBOU

Indicator Statement	Target Statement
Proportion of area (%) of forest greater than the baseline target age by caribou management zone	40% of forests will be greater than the baseline target age by caribou management zone
SFM Objective: Suitable habitat elements for indicator species	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

There has been no change in status for this indicator since the development of the SFM plan.

Next reporting will be done in conjunction with the development of the FOS.

REVISIONS

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

3.13. CONIFEROUS SEEDS

Indicator Statement	Target Statement
The proportion of seeds for coniferous species collected and seedlings planted in accordance with the regulation	All coniferous seeds will be collected and seedlings will be planted in accordance with the regulations
SFM Objectives: Conserve genetic diversity of tree stock	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

Seedlot use is documented and tracked in Genus. Silviculture foresters are required to ensure seedlots are tracked and employed according to regulation. In 2003 Canfor Fort St. John collected pine seed at two locations, Caron Ridge and LaPrise. Seed was collected according to regulation and transported to a government processing facility for registration and storage.

- Performance monitored with software designed to review seedlot use by identifying variances from regulation by elevation based on Genus data.
- Canadian Forest Products requested a variance in Block 12004 to allow Seedlot 31312 to be used up to 46 m below the lower elevation limit for the seedlot.

- During the 2003 planting season, Canadian Forest Products had one incident of trees planted in contravention to the regulations. In Block 11014 seedlings were planted up to 80m above the upper elevation limit of the seedlot. The incident is tracked in ITS and corrective action identified.
- During the 2003 planting season, BC Timber Sale's had one incident of trees (25,650 trees) planted in contravention to the regulations. This was out of a total of 672,500 trees or 3.8 percent of the trees planted in 2003. The incident is recorded in BC Timber Sale's ITS and the 2004 planting contract procedures have been adjusted to correct future occurrences.

REVISIONS

No revisions required.

3.14. ASPEN REGENERATION

Indicator Statement	Target Statement
% Natural Regeneration of aspen	We will use 100% natural regeneration for aspen to ensure the conservation of genetic diversity of tree stock
SFM Objectives: Conserve genetic diversity of tree stock	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

This indicator and target only applies to BCTS for this reporting period.

BCTS relied on 100% natural regeneration for aspen.

REVISIONS

There are no proposed revisions to this indicator or target.

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	

CURRENT STATUS AND COMMENTS

No forestry related harvesting or road construction has occurred in any Class A parks, ecological reserves or LRMP designated protected areas. Since the submission of the SFMP, there have been no known changes to protected area boundaries within the Fort St. John TSA.

REVISIONS

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

3.16. UNGULATE WINTER RANGES, WILDLIFE HABITAT AREAS AND MKMA

Indicator Statement	Target Statement
Proportion of activities consistent with objectives of Ungulate Winter Ranges (UWR) and the Muskwa-Kechika Management Area (MKMA) and general wildlife measures for Wildlife Habitat Areas (WHA)	All pilot participant activities will be consistent with objectives of Ungulate Winter Ranges and the MKMA and general wildlife measures for 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	

CURRENT STATUS AND COMMENTS

For the reporting period, there were no activities conducted or planned within WHA's or Ungulate Winter Ranges.

REVISIONS

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

3.17. REPRESENTATIVE EXAMPLES OF ECOSYSTEMS

Indicator Statement	Target Statement
Proportion of area (%) of forest stands by leading species by NDU in an unmanaged condition	100% of baseline targets for forested stands 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	

CURRENT STATUS AND COMMENTS

There has been no change in status for this indicator since the development of the SFM plan.

Next reporting will be done in conjunction with the development of the FOS.

REVISIONS

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

3.18. GRAHAM HARVEST TIMING

Indicator Statement	Target Statement
Relative timing of commencement of operational harvesting within clusters in the Graham River IRM Plan area	Harvesting will not commence prior to the planned harvest start date for any cluster
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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

Pre-development road construction commenced in cluster 4 during the summer of 2003, however no operational harvesting took place in the Graham River IRM Plan area between April 1, 2003 and March 31, 2004. Harvesting was previously completed in cluster 3 in March of 2003.

Operational harvesting in cluster 4 is planned to commence during the summer of 2004, which is consistent with the target for this indicator.

REVISIONS

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

3.19. GRAHAM MERCH AREA

Indicator Statement	Target Statement
Cumulative merchantable hectares within blocks harvested within the Graham River IRM area	The cumulative merchantable hectares within blocks will be consistent with the estimated total harvest area, as measured at the end of each time period
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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

No new harvesting was completed between April 1, 2003 and March 31, 2004. To date, clusters 1, 2, 3 and 17 have been harvested. 2,159 hectares have been logged which is approximately 12% more than the 1,933 ha initial estimate for these clusters. The amount of harvesting completed and projected to be completed remains consistent with meeting the April 2007 target range for this indicator.

REVISIONS

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

3.20. GRAHAM CONNECTIVITY

Indicator Statement	Target Statement
Hectares harvested in cut blocks in the Graham River IRM area, within the permanent alluvial and non-productive/non-commercial components of the connectivity corridors	No harvesting within 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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

No operational harvesting occurred within the Graham IRM plan area from April 1, 2003, to March 31, 2004, consequently there was no harvesting within the connectivity corridors.

REVISIONS

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

3.21. MKMA HARVEST

Indicator Statement	Target Statement
The number of drainages in the MKMA in which Clustered Harvest Plans are completed and submitted to government	A minimum of 1 drainage plan submitted no later than October 2007
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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

No new clustered harvest plans have been prepared during this annual reporting period.

REVISIONS

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

3.22. RIVER CORRIDORS

Indicator Statement	Target Statement
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 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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

No harvesting occurred within the major river corridors during the reporting period.

REVISIONS

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

3.23. VISUAL SCREENING ON ROADS

Indicator Statement	Target Statement
% of new main summer road length developed adjacent to harvested areas within identified major river corridors where visual screening is present	100% of summer accessible road lengths within the designated area will have visual screening from adjacent cutblocks
SFM Objective: Management strategies address important values in SMZ areas	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

No new summers roads were constructed within major river corridors during the reporting period.

REVISIONS

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

3.24. PERMANENT ACCESS STRUCTURES

Indicator Statement	Target Statement
Permanent access structures (%) within cutblocks	A maximum of 5% of the total aggregate area in cutblocks by managing participant to be occupied in permanent access structures in which harvesting was completed during that annual reporting period as determined on a 3 year rolling average. This only applies to permanent access structures utilized by the participants. See variance for phase-in period
SFM Objective: Sustain forest lands within our control within the Defined Forest Area 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 FSJPPPR. 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.	

CURRENT STATUS AND COMMENTS

The following table (Table 8) indicates the current 3 year average area in permanent access structures ending March 31, 2004. The phase in target for this period is a maximum of 6% in permanent access structures. The target for next years reporting will be 5.5%. Both Canfor and BCTS are below the maximum target for permanent access structures.

Table 8: Current 3-Year Average in Permanent Access Structures

Participant	Annual Reporting Period (Ending March 31 of Year indicated)	Total ha. of PAS	Total Productive Area Harvested	Total ha. of block	% PAS
Canfor	2002	128.1	2,703.3	2,831.4	4.5%
	2003	147.1	2,793.4	2,940.5	5.0%
	2004	163.9	3,116.9	3,280.8	5.0%
Canfor Total		439.1	8,613.6	9,052.7	4.9%
Timber Sales Program	2002	32.6	535.8	568.4	5.7%
	2003	23.6	402.2	425.8	5.5%
	2004	62.8	1,124.6	1,187.4	5.3%
Timber Sales Program Total		119.0	2,062.6	2,181.6	5.5%
Grand Total		558.1	10,676.2	11,234.3	5.0%

REVISIONS

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

3.25. FOREST HEALTH

Indicator Statement	Target Statement
% of significant detected forest health damaging events 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: 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 exist within the DFA Maintain or enhance landscape level productivity	
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.	

CURRENT STATUS AND COMMENTS

For the reporting period, no significant forest health damaging agents were noted in the Fort St. John TSA, consequently no new treatment plans were required.

Subsequent to the reporting period, there has been a significant outbreak of mountain pine beetle to the south, in the Dawson Creek TSA. There is a potential for this to spread to the Fort St. John TSA, so detection efforts have been increased as a result.

REVISIONS

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

3.26. SALVAGE

Indicator Statement	Target Statement
The relative proportion of salvaged hectares versus total hectares damaged in merchantable stands (as defined in the current TSR) within a management intensity class	The relative proportions of salvage hectares will be highest in the high intensity zones, and lowest in the low intensity zones over an SFMP period (December 1, 2003- March 31, 2008)
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	

CURRENT STATUS AND COMMENTS

Assessment of the target for this indicator is based on a five year relative salvage rates, and will be reported in future SFMP's.
Following (Table 9 and Table 10) is a summary of available information on the fires that occurred between April 1, 2003 and March 31, 2004.

Table 9: Summary of 2003-2004 Fire Statistics

Fire Size	# Fires	Total Ha	Ave Size
0-10 ha	29	35.5	1.2
10-50 ha	4	93.0	23.3
50-100 ha	1	90.0	90.0
>100 ha	2	340.0	170.0
Total	**36**	**558.5**	**15.5**

Table 10: Summary of Area Burnt by Management Intensity

LU Mgmt Level	# Fires	Ha Burnt
High	19	268.8
Mod	16	289.7
Low	1	0.0

Maps are currently not available, consequently information on the amount of potentially merchantable timber affected by the fires is not known at this time.

REVISIONS

The participants propose that fires less than 5 ha be excluded from consideration in the analysis, as it is impractical to determine the impacts on merchantable timber for such small areas.

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	

CURRENT STATUS AND COMMENTS

The following table (Table 11) summarizes the silviculture system (merchantable ha) on blocks harvested between April 1, 2003 and March 31, 2004.

Table 11: Silviculture Systems on Harvested Blocks

Managing Participant	Even-aged	Uneven-aged	Total
Canfor	2,367.6 ha (100%)	0	2,367.6 ha
BCTS	736.6 ha (100%)	0	736.6 ha
Total	3,113.2 ha (100%)	0	3,113.2 ha

REVISIONS

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

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: The diversity and pattern of communities and ecosystems within a natural range 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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

The best information available up to and including March 31 2004 (except where noted) was used for the preparation of this status report.

- Pine volume at Canfor scale 325,253m^3 or 37.5%. Pine seedlings Canfor 1,520,017 or 43.8%, BCTS 227,670 or 35.7%.
- Spruce volume at Canfor scale 51,8345m^3 or 59.8%. Spruce seedlings Canfor 2,040,027 or 56.2%, BCTS 410070 or 64.3%.
- Combined Pine 41.6%, Spruce 58.4% falls within the 20% acceptable variance on the target.

REVISIONS

No revisions required.

3.29. REFORESTATION ASSESSMENT

Indicator Statement	Target Statement
Merchantable Volume (m^3) for coniferous areas	For coniferous areas, Merchantable Volume will meet or exceed Target Volume (95% of Predicted Maximum Volume) within the reforestation period
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.	

CURRENT STATUS AND COMMENTS

The first assessment for reforestation is underway. Field surveys are ongoing. Compilation and review of results will occur over the winter of 2004-05.

REVISIONS

No revisions currently proposed.

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
SFM Objectives: The diversity and pattern of communities and ecosystems within a natural range 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 landscape level strategies for coniferous and deciduous areas logged after November 15, 2001.	

CURRENT STATUS AND COMMENTS

- Canfor coniferous establishment delay 0.6 years exceeds 2 year target.
- BCTS coniferous establishment delay 1.0 year exceeds 2 year target.
- BCTS deciduous establishment delay 0.7 year exceeds 2 year target.

REVISIONS

Revise target statement from " …within the reforestation period" to " …within the reforestation period as measured and tracked by each participant".

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	

CURRENT STATUS AND COMMENTS

In 2003, 29 Change Monitoring Inventory plots were established. Over time, data collected from these plots will be used to verify growth projections of managed stands.

The next AAC determination by the provincial Chief Forester is scheduled to be complete by April 2007.

REVISIONS

There are no revisions proposed to this indicator and target.

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	

CURRENT STATUS AND COMMENTS

There has been no change in the status of this indicator since the development of the SFM plan.

Work is ongoing to update all blocks harvested since November 15, 2001 with the pre-harvest site index so that this is available when well growing assessments are made in the future.

REVISIONS

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

3.33. LANDSLIDES

Indicator Statement	Target Statement
Number of hectares of landslides resulting from forestry practices	0 hectares of landslides due to forestry activities on blocks harvested and roads constructed commencing December 1, 2001
SFM Objective: Protect soil resources to sustain productive forests	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

A review of the incident tracking system shows no new landslides reported between April 1, 2003 and March 31, 2004.

REVISIONS

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

3.34. PEAK FLOW INDEX

Indicator Statement	Target Statement
The percent of watersheds achieving baseline targets for the peak flow index and the percent of watershed reviews completed where the baseline target is exceeded	A minimum of 95% 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 indictor statement, target statement and acceptable variance will be used to determine if forest practices are consistent with the landscape level strategies.	

CURRENT STATUS AND COMMENTS

There has been no change in the status of this indicator since the development of the SFM plan.

Next reporting of this indicator will be done in conjunction with the FOS.

REVISIONS

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

3.35. WATER QUALITY CONCERN RATING

Indicator Statement	Target Statement
The percentage of surveyed stream crossings identified with a high WQCR rating on forestry roads within the DFA for which participants are responsible *WQCR – water quality concern rating	Less than 25% of surveyed stream crossings on active roads (i.e. not deactivated) will have "High" WQCR of the total, based on a three year rolling average Less than 30% of surveyed stream crossings on non-active roads (i.e. deactivated) will have "High" WQCR of the total, based on a three year rolling average
SFM Objective: Maintenance of water quality	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

This target is based on a three year rolling average. Currently there is only two years of data to report on.

Current status:

Active Roads – 25% of the surveyed stream crossings on active roads have a "High" WQCR.

Non-active Roads – 26% of the surveyed stream crossings on non-active roads have a "High" WQCR.

REVISIONS

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

3.36. PROTECTION OF STREAMBANKS AND RIPARIAN VALUES ON SMALL STREAMS

Indicator Statement	Target Statement
The number of non-conformances to SLP measures to protect stream bank, stream channel stability and riparian vegetation from harvesting and silviculture activities	No non-conformances related to protecting stream bank, stream channel stability and riparian vegetation due to harvesting or silviculture activities
SFM Objective: Maintenance of water quality	
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.	

CURRENT STATUS AND COMMENTS

Two incidents were recorded in 2003:

- Sediment transport into non-fishbearing streams resulted from failures of road structures in CP 319 Blocks 2, 3 and 13. Incidents are tracked in the Issue Tracking System (FN 2003-CM0029). Corrective action has been applied to address these failures. Independent consultants with expertise in soil stability and stream values have also provided reports on the events. Consultant reports have indicated the impacts from these events are minimal.
- Site preparation equipment (disc trencher) intruded into the Machine Free Zone along a stream in CP 624 Blocks 2 and 3. Activity did not result in impact to the streams and impact to riparian vegetation was minimal. Incidents were tracked in the Issue Tracking System (FN 2003-CN0033) and corrective action implemented.
- In deep snow winter conditions a buncher infringed on MFZ in CP 804 Block 9. Activity did not result in any impact to the stream banks or riparian vegetation. Incidents were tracked in the Issue Tracking System (FN 2004-CN0012) and corrective action implemented.

REVISIONS

No revisions proposed.

3.37. SPILLS ENTERING WATERBODIES

Indicator Statement	Target Statement
Number of reportable spills entering water bodies	Zero reportable spills entering water bodies
SFM Objective: Maintenance of water quality	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

There were no reportable spills entering waterbodies in 2003.

REVISIONS

No revisions proposed.

3.38. CARBON SEQUESTRATION RATE

Indicator Statement	Target Statement
DFA Average Carbon (C) sequestration rate (Mg C/year)	Maintain DFA average C 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	

CURRENT STATUS AND COMMENTS

There has been no change in the status of this indicator since the development of the SFM plan.

Next reporting of this indicator will be done in conjunction with the next timber supply analysis or SFM plan.

REVISIONS

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

3.39. ECOSYSTEM CARBON STORAGE

Indicator Statement	Target Statement
Ecosystem Carbon Storage (Mg) in the Fort St. John DFA	Minimum of 95% of Natural Disturbance levels of Ecosystem Carbon Storage.
SFM Objective: Maintenance of the processes for carbon uptake and storage	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

There has been no change in the status of this indicator since the development of the SFM plan.

Next reporting of this indicator will be done in conjunction with the next timber supply analysis or SFM plan.

REVISIONS

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

3.40. COORDINATED DEVELOPMENTS

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

CURRENT STATUS AND COMMENTS

The following table (Table 12) summarizes proposed changes to activities related to coordinating development between the forest industry and the oil and gas industry between April 1, 2003 and March 31, 2004.

Table 12: Summary of Coordinated Developments

Referral/ Contact Date	Project Name	Description of Canfor request or action to minimize loss of productive site	Block /Road Impacted	Successful Conclusion Yes/No
Oct 22-03	07023 Encana	Requested that Encana use Canfor road location and existing seismic and that proponent move wellsite to avoid WTP.	07023	Yes
Nov 19-03	Gundy 04A 2D	Canfor requested that proponent use existing road for access and coordinate seismic with silviculture supervisor.	131-002, '04002	Yes
Dec 22-03	Starpoint Et Al Cypress	Canfor requested that the proponent use Canfor road location for access to avoid multiple stream crossings and a mineral lick. Proponent planned to go ahead with winter access on seismic line due to approval by First Nations. Stated that if well was successful they would consider using access suggested by Canfor.	20034, 329-005, 006	No
Sept 2-03	Petro-Can	Proponent used existing R/W for pipeline and was requested to bury pipe at all existing road locations to minimize the need for additional crossing structures in the future.	620-003	Yes
Jan 12-04	20029 (326)	Starpoint agreed to bury pipe to avoid the requirement to build additional road in the block.	20029	Yes
Jan 15-04	314004 Talisman	Road proposed through block planned to use a portion of existing block road to access a wellsite.	314004	Yes
Jan 29-04	610-013	Petro Can road and pipeline use block road for access and avoid extra stream and pipeline crossings.	610-013	Yes
Feb 11-04	621-005 Petro Can	Requested that pipeline be moved and constructed beside existing access road. Not changed due to potential conflict with an old dump site (unknown environmental concerns).	621005	No
Feb 12-04	22036 Ekwan Encana	Requested that pipeline be buried to allow harvesting operations to be completed over the pipeline.	22036	Pending
Feb 16-04	FDP Amendment #15	Canfor used access opened up by a seismic operation and did not construct the original planned road at these locations (2).	36-035-00	Yes
March 4-04	138-2,3 139-1,3,4 148-1 Anadarko	Requested that proponent adjust access plan to use harvest access roads, thereby avoiding disturbance to plantations.	139-003, 4 139-001	Yes

Of the 11 proposed changes, 8 were successfully concluded, 2 changes were rejected due to other factors, and 1 is pending,due to uncertainty of the project going ahead.

REVISIONS

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

3.41. RANGE ACTION PLANS

Indicator Statement	Target Statement
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	

CURRENT STATUS AND COMMENTS

Operations were 100% consistent with mutually agreed upon action plans for range. The only action plan during the period of Appril 1, 2003 to March 31, 2004 entailed the establishment of two dugouts for watering cattle on an overlapping grazing tenure in a Timber Sale Licence (TSL A59307) on the Inga Lake Road.

REVISIONS

None proposed.

3.42. DAMAGE TO RANGE IMPROVEMENTS

Indicator Statement	Target Statement
Number of range improvements damaged by participants' activities	No damage to range improvements by pilot participants activities
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.	

CURRENT STATUS AND COMMENTS

As of March 31, 2004 there were no range improvements damaged by participants' activities.

REVISIONS

None proposed.

3.43. RECREATION SITES

Indicator Statement	Target Statement
The number of recreation sites managed by participants	Participants will provide and 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	

CURRENT STATUS AND COMMENTS

Canfor continued to maintain the Crying Girl Prairie campsite, utilizing a local contractor to provide firewood, site cleanup, outhouse cleaning and garbage disposal.

REVISIONS

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

3.44. VISUAL QUALITY OBJECTIVES

Indicator Statement	Target Statement
Consistency with Visual Quality Objectives (VQO's)	Pilot participants' forest operations will be consistent with the established VQO'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.	

CURRENT STATUS AND COMMENTS

Between April 1, 2003, and March 31st 2004, 8 post harvest visual quality assessments were conducted on Canfor harvested blocks located in areas previously identified as visually sensitive areas. All 8 assessments concluded the visual objectives were achieved. No post harvest assessments were completed by BCTS.

REVISIONS

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

3.45. RECREATION OPPORTUNITY SPECTRUM

Indicator Statement	Target Statement
Percent of area in primitive and semi-primitive non-motorized classifications of the Recreation Opportunity Spectrum (ROS) for Besa-Halfway-Chowade (B-H-C), Graham North (GN), Graham South (GS), and Crying Girl (CG) Resource Management Zones (RMZ).	Maintain the primitive level ROS percentage at 15% (1996 levels) for the B-H-C RMZ as proposed by the LRMP. Retain a minimum of 50% of area by RMZ as semi-primitive non-motorized ROS class for the Graham North, Graham South and Crying Girl RMZ See Table 13 and Table 14below
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.	

CURRENT STATUS AND COMMENTS

There has been no change in the status of this indicator since the development of the SFM plan.

Road construction activities were conducted in 2003 in the Graham South RMZ. This activity was included in the SFM plan reporting.

Next reporting of this indicator will occur in conjunction with the development of the FOS.

REVISIONS

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

Table 13: Baseline Condition – 1996 ROS Inventory

Resource Management Zones	ROS Class - 1996											
	Primitive		Semi-Primitive Non Motorized		Semi-Primitive Motorized		Roaded		Urban/ Agriculture		Total ha	Total %
	ha	%	ha	%	ha	%	ha	%	ha	%		
Besa Halfway Chowade	65,839	15.2%	269,453	62.2%	97,323	22.5%	269	0.1%		0.0%	432,884	100.0%
Crying Girl		0.0%	38,984	80.7%	7,020	14.5%		0.0%	2,287	4.7%	48,291	100.0%
Graham North RMZ		0.0%	22,947	76.0%	7,255	24.0%		0.0%		0.0%	30,202	100.0%
Graham-South RMZ		0.0%	30,067	87.0%	4,492	13.0%		0.0%		0.0%	34,559	100.0%
Grand Total	65,839	12.1%	361,451	66.2%	116,090	21.3%	269	0.0%	2,287	0.4%	545,936	100.0%

Table 14: Current Condition – Updated to March 2003

Resource Management Zone	ROS Class 2003											
	Primitive		Semi Primitive Non-Motorized		Semi Primitive Motorized		Roaded		Urban/ Agriculture		Total ha	Total %
	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%	Area (ha)	%		
Besa Halfway Chowade	65,839	15.2%	267,508	61.8%	99,270	22.9%	269	0.1%		0.0%	432,886	100.0%
Crying Girl		0.0%	31,677	65.6%	14,328	29.7%		0.0%	2,287	4.7%	48,292	100.0%
Graham North		0.0%	22,947	76.0%	7,255	24.0%		0.0%		0.0%	30,202	100.0%
Graham-South		0.0%	22,356	64.7%	12,203	35.3%		0.0%		0.0%	34,559	100.0%
Grand Total	65,839	12.1%	344,488	63.1%	133,056	24.4%	269	0.0%	2,287	0.4%	545,939	100.0%

3.46. ACTIONS ADDRESSING GUIDES, TRAPPERS AND OTHER INTERESTS

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

CURRENT STATUS AND COMMENTS

During the period of April 1, 2003 to March 31, 2004 there were no action plans for guides, trappers and other known non-timber commercial interests.

REVISIONS

None proposed.

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 70% of the DFA's harvest is primary processed in the DFA
SFM Objective: Viable timber processing facilities in the DFA	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

The following table outlines the volume of timber processed in the DFA in proportion to the entire volume of timber harvested in the DFA.

Table 15: Proportion of Total Volume Locally Processed

Total Scaled Volume of Timber Originating Within the DFA	Total Scaled Volume of Timber Delivered to Local Processing Plants	Percentage of Total Volume Processed Locally
909,278 m^3 coniferous	905,533 m^3 coniferous	99.5%
140,834 m^3 deciduous	115,440 m^3 deciduous	82%
1,050,112 m^3 total	1,020,973 m^3 total	97.2%

The above volumes are based on the following tenure populations:
Canfor Forest Licence A18154
Cameron River Logging Forest Licence A59959
Tembec Forest Licence A60972
BC Timber Sales TSL's A54341, A54403, A54899, A59307, A60185, A60191, A60198, A60206, A61941, A61943, A61944, A61945, A63396, A63407, A63413, A63432, A63437, A63451, A67657, A69487
Licences to cut – total volume scaled – 12,670 m^3 deciduous and 45,270 m^3 coniferous, which originates from several hundred cutting permits.

REVISIONS

There are no propoed revisions to the indicator or the target.

3.48. SUMMER AND FALL VOLUMES

Indicator Statement	Target Statement
Volume of timber (m^3) delivered annually to mills between May 1st and November 30th	2003: Minimum of 100,000 m^3 coniferous delivered to FSJ sawmill 2004+: Minimum of 150,000 m^3 coniferous delivered to FSJ sawmill and 185,000 m^3 delivered to the deciduous manufacturing facilities
SFM Objective: Viable timber processing facilities in the DFA	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

Between May 1, 2003 and November 30th, 2003, 261,326 cubic metres were delivered to the Fort St. John sawmill, which exceeded the minimum target volume.

REVISIONS

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

3.49. HARVEST SYSTEMS

Indicator Statement	Target Statement
% of coniferous area harvested using conventional ground based harvesting equipment.	95% of the coniferous harvested area will utilize conventional ground based harvesting equipment
SFM Objective: Viable timber processing facilities in the DFA	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

In 2003 100% of harvesting was conducted with ground based systems. Currently annual plans propose harvesting within the indicator's acceptable variances.

REVISIONS

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

3.50. COORDINATION

Indicator Statement	Target Statement
Joint FOS	All FOS's will be jointly prepared by active participants
SFM Objective: Viable timber processing facilities in the DFA	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

Initial discussions were undertaken during the reporting period to review objectives for completing a joint Forest Operations Schedule. The joint FOS is expected to be completed and submitted to the Ministry of Forests prior to the end of 2004.

REVISIONS

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

3.51. UTILIZATION

Indicator Statement	Target Statement
The percentage of blocks and roads assessed in which avoidable waste and residue levels are within the target range	Annually, 100% of cutblocks and roads will fall within the target avoidable waste and residue range
SFM Objective: No decrease in the LTHL in the DFA	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

Between April 1, 2003 and March 31, 2004, 73 waste and residue assessments of cutblocks and road permits were completed by Canfor. BCTS completed 14 assessments of which 13 were within the target range for waste and residue.

98.9 % of the assessments had waste and residue levels within the target range of waste and residue.

REVISIONS

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

3.52. TIMBER PROFILE

Indicator Statement	Target Statement
The proportion (%) of area of height class two pine types to total cutblock area, in blocks harvested	November 15th, 2001 - March 31st, 2006: 8% or more of the total cutblock area of coniferous blocks harvested will be in height class two pine inventory types Subsequent 5 year periods: 8% or more of the total cutblock area of coniferous blocks harvested will be in height class two pine inventory types
SFM Objective: No decrease in the LTHL in the DFA	
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.	

CURRENT STATUS AND COMMENTS

The indicator target is based on a five year summation of harvesting in height class 2 pine stands, consequently the current status is unchanged from the SFMP.

REVISIONS

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

3.53. CUT CONTROL

Indicator Statement	Target Statement
The percentage of the actual periodic cut control relative to target periodic cut control	Cut control volumes will not exceed 110% of the 5 year periodic cut control volume on each participant's licence
SFM Objective: No decrease in the LTHL in the DFA	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

None of the licences reached the termination of their cut control period during 2003. Progress towards the target can, however, be assessed based on period-to-date cut control performance relative to the five year cut control target. Current performance on periodic cut control, as of January 1, 2004 for all participants is as follows:

Coniferous Licences:

FL A60972 (Tembec): While this is the third year of the cut control period, no previous harvesting had been completed on this forest licence. Recorded cut control for 2003 was 76,419.9 m^3, or 30.5% of the targeted cut control for 3 years.

FL A59959 (Cameron River Logging): This was the first year of harvesting on this licence. The recorded cut was 33,589.2 m^3, or 24% of the targeted cut control for the 2 years of this cut control period.

FL A18154 (Canfor): Recorded cut was 563,947 m^3, or 80.0% of the targeted cut control. 2003 was the first year of the five year cut control period.

FL A56671 (Dunne-za/Canfor): No harvesting has commenced on this forest licence to date.

Deciduous Licences:

FL A60049 and A60050 (Louisiana-Pacific Canada): No harvesting has commenced on these forest licences to date.

BC Timber Sales:

The recorded cut was 88,031 m^3 of the adjusted coniferous AAC, or 114.0% of the cut control target.

For deciduous, the recorded BCTS cut was 106,291 m^3 of the deciduous AAC, or 59.1% of the cut control target.

This is the second year of the five-year periodic cut control period. With projected revisions to the coniferous cut control volumes due to Bill 28 takebacks, the slightly elevated annual coniferous harvest is not expected to impact the attainment of the cut control targets.

REVISIONS

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

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 8% Planning and administration: minimum of 50%
SFM Objective: Diverse local forest employment opportunities exist in the DFA	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

The following table (Table 16) outlines local expenditures by woodland phase, and the performance relative to targets.

Table 16: Dollars Spent Locally by Woodlands Phase – 2003

Woodlands Phase	Total Cost	Local $	2003 Local %	Indicator Target
Logging and Hauling	$39,181,038	$39,181,038	100%	80%
Reforestation	$5,450,297	$1,040,325	19%	8%
Road Construction and Maintenance	$4,073,610	$3,794,550	93%	80%
Planning and Administration	$5,439,798	$4,473,145	82%	50%

REVISIONS

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

3.55. VALUE AND TOTAL NUMBER OF TENDERED CONTRACTS VERSUS TOTAL CONTRACTS

Indicator Statement	Target Statement
Value of tendered contracts in proportion to the total value of all awarded contracts on an annual basis	A minimum of 50% of the total value of contracts will be tendered on an annual basis
SFM Objective: Provide opportunities for a range of interests to access benefits	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

The following table (Table 17) outlines the number and value of contracts awarded in 2003:

Table 17: Contracts Awarded in 2003

Contract Type	# of Contracts	Total Value	% Value
Tendered	114	$**10,954,672**	60%
Direct Award	63	$**7,449,821**	40%
Total # Contracts	177	$**18,404,493**	100%

REVISIONS

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

3.56. CONFORMANCE TO ELEMENTS PERTINENT TO TREATY RIGHTS

Indicator Statement	Target Statement
% conformance by participants to SFM elements pertinent to treaty rights (i.e., hunting, fishing and trapping) defined in Treaty 8	Participants will conform 100% to the SFM Indicators and Targets of the SFM Elements pertinent to sustaining hunting, fishing and trapping, as follows: Element 1.1 Ecosystem Diversity (Indicators 2, 3, 4), and Element 1.2 Species Diversity (Habitat Elements) Indicators (5, 6, 7, 8, 9), and Element 3.2 Water Quality and Quantity Indicators (34, 35, 36, 37)
SFM Objective: Recognition of Treaty 8 rights and respect aboriginal rights in development of plans	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

During the period of April 1, 2003 to March 31, 2004 the participants conformed to the above referenced indicators and targets with the minor exception of indicator and target 36. See section 3.36 for details.

REVISIONS

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

3.57. NUMBER OF KNOWN VALUES AND USES ADDRESSED IN OPERATIONAL PLANNING

Indicator Statement	Target Statement
% of known traditional site-specific aboriginal values and uses identified during SFMP, FOS, FDP, or PMP referrals addressed in operational plans	100% of known traditional site-specific aboriginal values and uses identified during SFMP, FOS, FDP, or PMP referrals will be addressed in operational plans
SFM Objective: Respect known traditional aboriginal forest values and uses	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

Between April 1, 2003 and March 31, 2004, information on site specific known values was sought for the SFMP and PMP's. No FOS or FDP's were prepared during this timeframe.

Table 44 in Section 7.3 of the SFMP summarizes First Nations input, and how the SFMP addressed this input. Comments received were general in nature, and not site specific.

Canfor and BCTS provided First Nations with information concerning the Notification of Intent to Treat under their PMP's during the reporting period. Canfor had two site specific comments, one concerning a berry picking area, and another due to use of an adjacent TLE area. Spraying was postponed in these two areas.

BCTS had 1 incident where buffers were agreed to be left to accommodate First Nations concerns, but the area was inadvertently not marked in the field, resulting in the area being left within the treatment area. This incident has been reviewed with the First Nation. Corrective measures have been developed to address the root cause.

One CMT on a BCTS block was removed without proper authority.

Due to the two values not being addressed, conformance with this indicator is 50%.

REVISIONS

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

3.58. REGULATORY PUBLIC REVIEW AND COMMENT PROCESSES

Indicator Statement	Target Statement
Public Review and Comment Process for the FSJPPR	Obtain PAG acceptance of Public Review and Comment Process Comply with Public Review and Comment Process
SFM Objective: Satisfactory public participation process	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

In 2003 the first SFMP was developed in accordance with the Fort St John Pilot Project Regulation and the Sustainable Forest Management Standard CAN/CSA-Z809-02.

The SFMP is available on the web.

REVISIONS

There are no revisions proposed to this indicator and target.

3.59. TERMS OF REFERENCE (TOR) FOR PUBLIC PARTICIPATION PROCESSES

Indicator Statement	Target Statement
Terms of reference (TOR) for the FSJPPR public participation process	Obtain PAG acceptance of TOR for public participation process Complete annual review of TOR
SFM Objective: Satisfactory public participation process	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

The PAG and the Pilot Participants conducted their annual review and accepted the latest terms of reference on September 22, 2003.

REVISIONS

There are no revisions proposed to this indicator and target.

3.60. PUBLIC INQUIRIES

Indicator Statement	Target Statement
The percentage of timely responses to Public Inquiries	Respond to 100% of public inquiries regarding our forestry practices within one month of receipt
SFM Objective: Satisfactory public participation processes Relevant information used in decision making process is provided to PAG, FNAG, general public and affected parties	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

The best information available up to and including March 31 2004 (except where noted) was used for the preparation of this status report.

- No public inquiries reported for BCTS
- Canfor Fort St John had ten public inquiries tracked in ITS (FN2003-OP0014, 0016, 0019, 0021, 0025, 0032, 0033, 0034, 0035, and 0036). All inquiries had an initial response within one month except FN2003-0016, which was a request made in the winter season for a field visit in snow free conditions.

REVISIONS

No revisions required.

3.61. SCIENTIFIC/TECHNICAL ADVISORY COMMITTEE (STAC)

Indicator Statement	Target Statement
Scientific/Technical Advisory Committee (STAC)	Establish and maintain a scientific technical committee until December 2003
SFM Objective: Relevant information used in decision making process is provided to PAG, general public and affected parties	
Linkage to FSJPPR: N/A	

CURRENT STATUS AND COMMENTS

The STAC provided comments on the draft SFMP on November 2, 2003. These have been incorporated into the SFMP.

REVISIONS

The participants will seek STAC input into monitoring programs. In 2004 the participants will determine how the STAC will continue to provide support.

4. SUMMARY OF ACCESS MANAGEMENT

BC Timber Sales access management activities for the period April 1, 2003 to March 31, 2004 are detailed in Table 18 below. Other participants' activities are summarized in Table 19 – Table 21 and detailed in Appendix 3: Road and Bridge Construction Activities and Appendix 4: Road Deactivation Activities.

Table 18: Roads Constructed and Deactivated in the BCTS Fort St. John Field Office Area April 1st 2003 to March 31st 2004

Permit #	Sale #	Constructed	Deactivated	Method	Location
R14096	A63396	0.9 km		Active yet	German lake
R13093	A63407	Existing high-grade	2.54km (other users)	GS	Murdale
R12494	A63437	TBD	TBD	WB,GS,PB	Townsend
R10805	A67657		0 Km other users	Oil &Gas take over with high grade road.	Osborn
R10807	A69487		2.66	WB,GS	Mile 95 (WCT)
R11943	A54341		2.9km	WB,GS	Atick
R09997	A54403		0.9 km	WB,GS,SC	Farrell
R09589	A54899		5.5 km	WB,GS,PB	Farrell
R13158	A60191		1.99 km	WB*,GS*	Atick
R13159	A61943		0.9km	GS	Alces
R13160	A61944		0.05km	GS	Alces
R13161	A61945		2.2km	GS,SC	Alces
R13157	A63451	1.2	1.2km	WB,GS,CR	Atick
R13058	A60198	6.2 km	6.2km	WB,GS, SC*	Two creeks

Method abbreviations:

WB= water bars cross drainage, GS= Grass seeding, CR= culvert removal, SC= stream crossing, PB= Pull back

WB*, GS* this site the water bars and grasseeding were damaged and ineffective.

Table 19: Summary of Canfor Road and Bridge Activities

Steward	Bridge Construction	New Construction	Re Construction	Surfacing	Grand Total
Cameron River		13601			13601
Canfor Fort St. John	0	200217		28362	228579
Ministry of Forest			2354		2354
Petro Canada		5200			5200
Tembec Industries		30609			30609
Grand Total	0	249627	2354	28362	280343

Table 20: Summary of Canfor Bridge Construction

Steward	Bridge Construction	Grand Total
Canfor	8	8
Grand Total	8	8

Table 21: Summary of Canfor Deactivation Activities

	Cross Ditches	Water Bars	Grand Total
Total Length	611987	8306	620293

5. SUMMARY OF TIMBER HARVESTING

Refer to Appendix 5 for harvesting activities between April 1, 2003 and March 31, 2004.

6. SUMMARY OF BASIC FOREST MANAGEMENT (REFORESTATION)

Our basic forest management objective is to reforest the Net Reforestable Area (NAR) of all harvested sites within two years of harvest based on an area weighted average (see section 3.30). In order to meet this objective we plant one hundred percent of the NAR. Areas are surveyed the third year following planting and any Not Satisfactorily Restocked (NSR) sites are treated and replanted as soon as possible. Appendix 6 contains a summary of planting activity.

A summary of the reforestation activities carried out, including the regeneration method, year of establishment, estimated species composition at establishment, and estimated density at establishment is included in Appendix 7.

7. INCREMENTAL FOREST MANAGEMENT (STAND TENDING)

There were no stand tending activities carried out between April 1, 2003 and March 31, 2004.

8. SUMMARY OF ANY VARIANCES GIVEN

Following is a summary of variances given between April 1, 2003 and March 31, 2004.

Licence	FDP Blk # or Location	Regulatory Requirement	Description of Variance	Date Approved	Approval
A18154	Trutch Creek	Section 28(1)(g)(iv)	Extension on Bridge Removal	23-Mar-04	WALP official
A18154	12004	Section 99(e)	Seed Transfer Variance	21-Jul-03	MoF official
A18154	203003	Section 32(4)	Extension of Late Free Growing	26-Sep-03	MoF - District Manager
A18154	207001	Section 32(6)(d)	Reduce Minimum Inter-tree spacing	31-Aug-04	MoF - District Manager
A18154	207001	Section 32(4)	Extension of Late Free Growing	03-Sep-04	MoF - District Manager
A18154	126002	Section 32(4)	Extension of Late Free Growing	05-Mar-04	MoF - District Manager
A18154	126003	Section 32(4)	Extension of Late Free Growing	04-Sep-03	MoF - District Manager
A18154	132002	Section 32(4)	Extension of Late Free Growing	15-Sep-03	MoF - District Manager
A18154	132004	Section 32(4)	Extension of Late Free Growing	29-Sep-03	MoF - District Manager
A18154	132006	Section 32(4)	Extension of Late Free Growing	26-Sep-03	MoF - District Manager

9. COMPLIANCE

9.1. CONTRAVENTIONS REPORTED

A summary of contraventions reported can be found in Appendix 8. The summary includes contraventions reported between April 1, 2003 and March 31, 2004. It includes contraventions reported to both MWLAP and MOF.

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

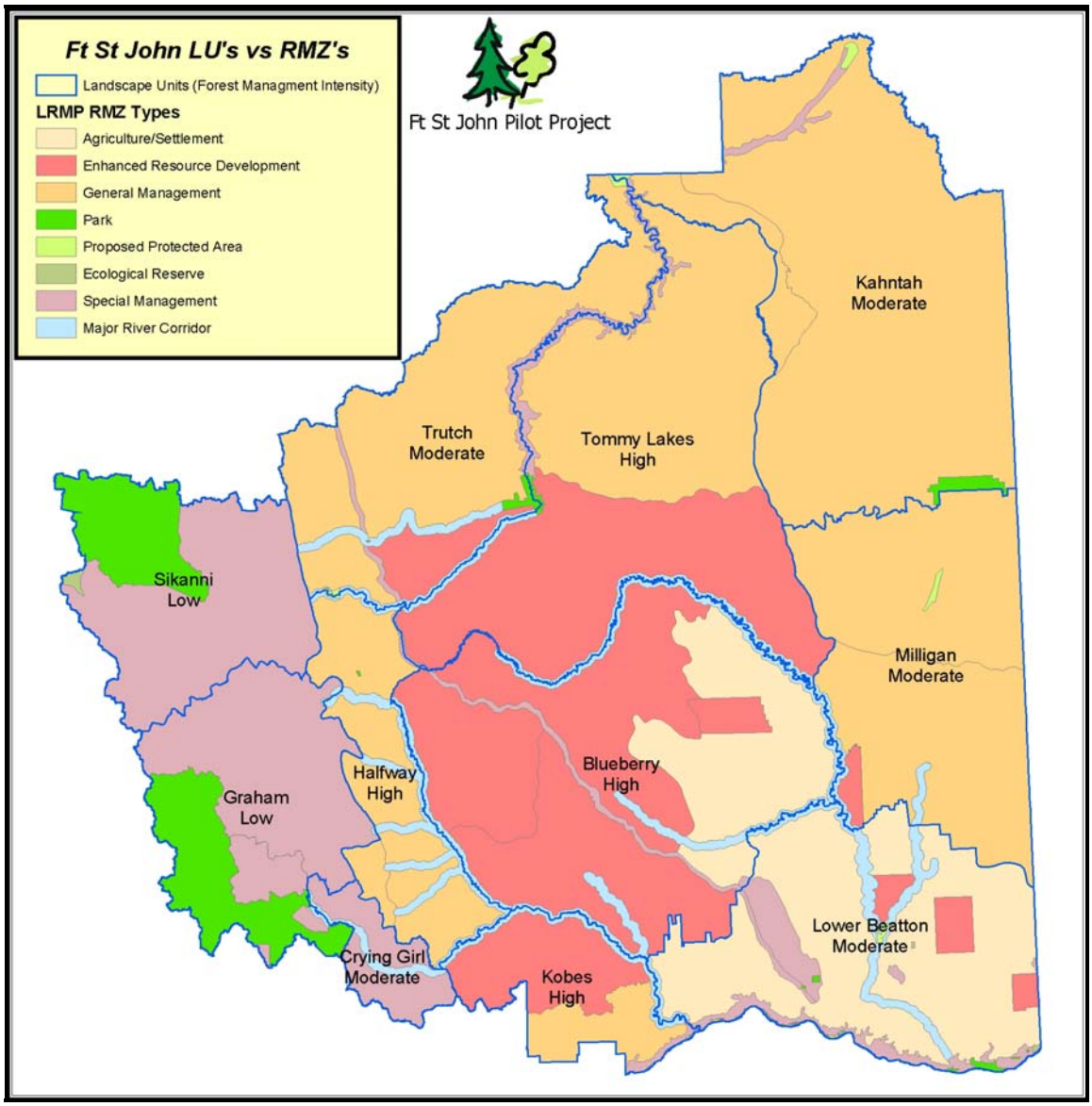
There were no compliance and enforcement measures imposed by the Government under Part 6 of the Forest Practices Code of B.C. Act between April 1, 2003 and March 31, 2004.

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 and important administrative boundaries such as the revised district boundaries and the strategic land use boundaries of the Muskwa-Kechika Management Area. In the absence of an administrative boundary, resource features such as mainstem 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.



Appendix 2: Sustainable Forest Management Matrix

21.1 Matrix and RAM (August 6, 2004)

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
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.					
Element 1.1 Ecosystem Diversity Conserve ecosystem diversity at the landscape level by maintaining the variety of communities and ecosystems that naturally occur on the DFA.	Ecosystem Diversity	The diversity and pattern of communities and ecosystems within a natural range.	**1**	Percent distribution of forest type (deciduous, deciduous mixedwood, conifer mixedwood, conifer) >20 years old by landscape unit	100% of forest type groups by landscape unit will be within the target range
			2	The minimum proportion (%) of late seral forest by NDU by LU	The minimum proportion (%) of late seral forest by NDU by LU as identified in tables 10, 11, 12 will be met within the identified timelines
			3	Percent area by Patch Size Class (0-50, 51-100, and >100 ha) by Landscape Unit	A minimum of 19 of 33 (58%) of the baseline targets for early patches will be achieved during the term of this SFM Plan. A minimum of 10 of 11 (91%) of the baseline targets for mature patches will be achieved during the term of this SFM Plan
			4	Average shape index of young patches in a landscape unit	Patches 50 -100 ha: The average Shape Index of young patches in a LU will be at least 2.0. Patches 100 -1000: The average Shape Index of young patches in an LU will be at least 3.0. Patches 1000+: The average Shape Index of young patches in an LU will be at least 4.0.
Element 1.2 Species Diversity Conserve species diversity by ensuring that habitats for the native species found on the DFA are maintained through time.	Species Richness	Suitable habitat elements for indicator species	**5**	Number of snags and/or live trees (>17.5 cm dbh) per ha on prescribed areas	Retain annually an average of at least 6 snags and/or live trees (>17.5 cm dbh) per hectare on prescribed areas
			6	Average Coarse Woody Debris volume/ha on blocks logged in the DFA	Minimum target average retention level over the DFA will be 46 m^3/ha (50% of average pre-harvest volume) on harvested blocks assessed for the period between December 1, 2003 and November 30, 2008

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
			7	The number of non-compliances to riparian reserve zone standards	No non-compliances to riparian reserve zone standards
			8	The proportion of shrub habitat (%) by Landscape Unit	Each landscape unit will meet or exceed the baseline target (%) proportion of shrub habitat
			9	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 5%, Halfway 3%, Kahntah 4%, Kobes 5%, Lower Beatton 8%, Milligan 4%, Tommy Lakes 3%, Trutch 4%, Sikanni 4%, Graham 4%, Crying Girl 6%)
			10	The % prohibited and primary noxious weeds, and known invasive weed species of concern, in seed mix analysis	Seed mix analysis will have 0% content of prohibited and primary noxious weeds as identified in the most current publication of "Noxious Weeds in the Peace River Regional District", and known invasive weed species of concern
		Maintain habitats for species at risk	**11**	The percent of species at risk with management strategies developed and being implemented	Develop forest management strategies for all species at risk in the DFA by June 2004. On an annual basis, ensure that 100% of species at risk management strategies are being implemented as scheduled
			12	Proportion of area (%) of forest greater than the baseline target age by caribou management zone	40% of forests will be greater than the baseline target age by caribou management zone

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
Element 1.3 Genetic Diversity Conserve genetic diversity by maintaining the variation of genes within species.	Genetic Diversity	Conserve genetic diversity of tree stock	**13**	The proportion of seeds for coniferous species collected and seedlings planted in accordance with the regulations	All coniferous seeds will be collected and seedlings will be planted in accordance with the regulations
			14	% natural regeneration of aspen	We will use 100% natural regeneration for aspen to ensure the conservation of genetic diversity of tree stock
Element 1.4 Protected Areas and Sites of Special Biological Significance Respect protected areas identified through government processes. Identify sites of special biological significance within the DFA and implement management strategies appropriate to their long term maintenance.	Protected 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	**15**	Hectares of forestry related harvesting or road construction within Class A parks, ecological reserves and LRMP designated protected areas	Zero hectares of forestry related harvesting or road construction within Class A parks, ecological reserves or LRMP designated protected areas
			16	Proportion of activities consistent with objectives of Wildlife Habitat Areas (WHA), Ungulate Winter Ranges (UWR) and the Muskwa-Kechika Management Area (MKMA)	All pilot participant activities will be consistent with objectives of Wildlife Habitat Areas, Ungulate Winter Ranges and the MKMA
			17	Proportion of area (%) of forest stands by leading species by NDU in an unmanaged condition	100% of baseline targets for forested stands by leading species by NDU will be met

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
		Management strategies address important values in SMZ areas	**18**	Relative timing of commencement of operational harvesting within clusters in the Graham IRM Plan area	Harvesting will not commence prior to the planned harvest start date for any cluster
			19	Cumulative merchantable hectares within blocks harvested within the Graham IRM area	The cumulative merchantable hectares within blocks will be consistent with the estimated total harvest area, as measured at the end of each time period
			20	Hectares harvested in cutblocks in the Graham IRM area, within the permanent alluvial and non-productive/non-commercial components of the connectivity corridors	No harvesting within the permanent alluvial and non-productive/non-commercial components of the connectivity corridors
			21	The number of drainages in the MKMA in which Clustered Harvest Plans are completed and submitted to government	A minimum of 1 drainage plan submitted no later than October 2007

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
			22	The percentage of harvested areas that create openings greater than 1 hectare within100 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)
			23	% of new main summer road length developed adjacent to harvested areas within identified major river corridors where visual screening is present	100% of summer accessible road lengths within the designated area will have visual screening from adjacent cutblocks
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.					
Element 2.1 Forest Ecosystem Resilience Conserve ecosystem resilience by maintaining both ecosystem processes and ecosystem conditions.	Ecosystem Resilience	A natural range of variability in ecosystem function, composition and structure with allows ecosystems to recover from disturbance and stress	**2**	See indicator #2	
			24	Permanent access structures (%) within cutblocks	A maximum of 5% of the total cumulative area in cutblocks by participant to be occupied in permanent access structures in which harvesting was completed during that annual reporting period as determined on a 3 year rolling average

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
			25	% of significant detected forest health damaging events 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
			6	See indicator #6	
			5	See indicator #5	
			9	See indicator #9	
			26	The relative proportion of salvaged hectares versus total hectares damaged in merchantable stands (as defined in the current TSR) within a management intensity class	The relative proportions of salvage hectares will be highest in the high intensity zones, and lowest in the low intensity zones over an SFM Plan period (December 1, 2003 - March 31, 2008)
			27	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
			28	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)
			29	Merchantable Volume (m^3) for coniferous areas	For coniferous areas, Merchantable Volume will meet or exceed Target Volume within the reforestation period

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
			30	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 two years
Element 2.2 Forest Ecosystem Productivity Conserve ecosystem productivity and productive capacity by maintaining ecosystem conditions that are capable of supporting naturally occurring species.	Ecosystem Productivity	Ecosystem functions capable of supporting naturally occurring species exist within the range of natural variability	**1**	See indicator #1	
			2	See indicator #2	
			20	See indicator #20	
			3	See indicator #30	
			25	See indicator #25	
	Productive Capacity for Timber	Maintain or enhance landscape level productivity	**31**	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	Average post harvest site index will not be less than average pre-harvest site index on blocks harvested under the pilot project regulation
			25	See indicator #25	
CCFM Criterion 3 – Conservation of Soil and Water Resources					
Conserve soil and water resources by maintaining their quantity and quality in forest ecosystems.					
Element 3.1 Soil Quality and Quantity Conserve soil resources by maintaining soil quality and quantity.	Soil Productivity	Protect soil resources to sustain productive forests	**32**	See indicator #32	
			33	Number of hectares of landslides resulting from forestry practices	Zero hectares of landslides due to forestry activities on blocks harvested and roads constructed commencing December 1, 2001

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
Element 3.2 Water Quality and Quantity Conserve water resources by maintaining water quality and quantity.	Water Quantity	Maintenance of water quantity	**34**	The percent of watersheds achieving baseline targets for the peak flow index and the percent of watershed reviews completed where the baseline target is exceeded	A minimum of 95% 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
	Water Quality	Maintenance of water quality	**35**	The percentage of surveyed stream crossings identified with a high WQCR rating on forestry roads within the DFA for which participants are responsible (*WQCR – water quality concern rating)	Less than 25% of surveyed stream crossings on active roads (i.e. not deactivated) will have “High” WQCR of the total, based on a three year rolling average. Less than 30% of surveyed stream crossings on non-active roads (i.e. deactivated) will have “High” WQCR of the total, based on a three year rolling average
			7	See indicator #7	
			36	The number of non-conformances to SLP measures to protect stream bank, stream channel stability and riparian vegetation from harvesting and silviculture activities	No non-conformances related to protecting stream bank, stream channel stability and riparian vegetation due to harvesting or silviculture activities
			37	Number of reportable spills entering water bodies	Zero reportable spills entering water bodies

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
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.					
Element 4.1 Carbon Uptake and Storage Maintain the processes that take carbon from the atmosphere and store it in forest ecosystems.	Carbon Uptake and Storage	Maintenance of the processes for carbon uptake and storage	**38**	DFA Average Carbon (C) sequestration rate (Mg C/year)	Maintain DFA average C sequestration rates that are consistent with or greater than natural sequestration rates.
			39	Ecosystem Carbon Storage (Mg) in the Fort St. John DFA	Minimum of 95% of Natural Disturbance levels of Ecosystem Carbon Storage.
			29	See indicator #29	
			30	See indicator #30	
Element 4.2 Forest Land Conversion Protect forestlands from deforestation or conversion to non-forests.	Forest Land Base	Sustain forest lands within our control within the DFA	**24**	See indicator #24	
		Foster inter-industry cooperation to minimize conversion of forested lands to non-forest conditions	**40**	Number of coordinated developments	Report annually the number of proposed coordinated developments that are successful versus unsuccessful
CCFM Criterion 5 – Multiple Benefits to Society					
Sustain flows of forest benefits for current and future generations by providing multiple goods and services.					
Element 5.1 Timber and Non-Timber Benefits Manage the forest to produce an acceptable and feasible mix of both timber and non-timber benefits.	Timber and Non-Timber Multi-use Benefits	Provide opportunities for a feasible mix of timber, recreational activities, and non-timber commercial activities	**41**	Consistency with mutually agreed upon action plans for range	Operations 100% consistent with resultant range action plans
			42	Number of range improvements damaged by participants' activities	No damage to range improvements by pilot participants activities

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
			43	The number of recreation sites managed by participants	Participants will provide and maintain a minimum of one recreational site within the DFA
			44	Consistency with Visual Quality Objectives (VQO's)	Pilot participants' forest operations will be consistent with the established VQO's
			45	Percent of area in primitive and semi-primitive non-motorized classifications of the Recreation Opportunity Spectrum (ROS) for Besa-Halfway-Chowade (B-H-C), Graham North (GN), Graham South (GS), and Crying Girl (CG) Resource Management Zones (RMZ)	Maintain the primitive level ROS percentage of area for the B-H-C at 1996 levels. Retain a minimum of 50% of area by RMZ as semi-primitive non-motorized ROS class for the Graham North, Graham South and Crying Girl RMZ
			18	See indicator #18	
			19	See indicator #19	
			21	See indicator #21	
			46	Consistency with mutually agreed upon action plans for guides, trappers and other known non-timber commercial interests	Operations 100% consistent with the resultant action plans

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
			47	Volume of timber processed in the DFA in proportion to volume harvested in the DFA	The annual equivalent of 70% of the DFA's harvest is primary processed in the DFA
Element 5.2 Communities and Sustainability Contribute to the sustainability of communities by providing diverse opportunities to derive benefits from forests and to participate in their use and management.	Sustainable and Viable Communities	Viable timber processing facilities in the DFA	**48**	Volume (m^3) of timber delivered annually to mills between May 1 and November 30	2003: Minimum of 100,000 m^3 coniferous to FSJ sawmill. 2004+: Minimum of 150,000 m^3 coniferous to FSJ sawmill and 185,000 m^3 delivered to the deciduous manufacturing facilities
			49	% of coniferous area harvested using conventional ground based harvesting equipment	95% of the coniferous harvested area will utilize conventional ground based harvesting equipment
			50	Joint FOS	All FOS's will be jointly prepared by active participants
			51	The percentage of blocks and roads assessed in which avoidable waste and residue levels are within the target range	Annually, 100% of cutblocks and roads will fall within the target avoidable waste and residue range
		No decrease in the LTHL in the DFA	**52**	The proportion (%) of area of height class two pine types to total cutblock area, in blocks harvested	November 15, 2001 - March 31, 2006: 8% or more of the total cutblock area of coniferous blocks harvested will be in height class two pine inventory types Subsequent 5 year periods: 8% or more of the total cutblock area of coniferous blocks harvested between will be in height class two pine inventory types
			32	See indicator #32	

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
			53	The percentage of the actual periodic cut control relative to target periodic cut control	Harvest volumes will not exceed 110% of the 5 year periodic cut control volume on each participant's licence
	Communities Participate in the Use and Management of the Forest	Diverse local forest employment opportunities exist in the DFA	**54**	Percentage of dollars spent locally on each woodlands phase in proportion to total expenditures	Logging/hauling: 80%, road construction and maintenance: 80%, silviculture: 8%, planning and administration: 50%
Element 5.3 Fair Distribution of Benefits and Costs Promote the fair distribution of timber and non-timber benefits and costs.	Fair Distribution of Benefits and Costs	Provide opportunities for a range of interests to access benefits	**55**	Value of tendered contracts in proportion to the total value of all awarded contracts on an annual basis	A minimum of 50% of the total value of contracts will be tendered on an annual basis
CCFM Criterion 6 – Accepting Society's Responsibility for Sustainable Development					
Society's responsibility for sustainable forest management requires that fair, equitable, and effective forest management decisions are made.					
Element 6.1 Aboriginal and Treaty Rights Recognize and respect Aboriginal and treaty rights.	Aboriginal and Treaty Rights	Recognition of Treaty 8 rights and respect aboriginal rights in development of plans	**56**	% conformance by participants to SFM elements pertinent to treaty rights (i.e., hunting, fishing and trapping) defined in Treaty 8	Participants will conform 100% to the SFM Indicators and Targets of the SFM Elements pertinent to sustaining hunting, fishing and trapping, as follows: Element 1.2 Species Diversity, and the Habitat elements indicators (5 - 9 inclusive), and Element 3.2 Water Quality and Quantity, and indicators (34 - 37 inclusive)
Element 6.2 Respect for Aboriginal Forest Values, Knowledge and Uses Respect traditional Aboriginal forest values and uses identified through the Aboriginal input process.	Aboriginal Forest Values, and Uses	Respect known traditional Aboriginal forest values, and uses	**57**	% of known traditional site-specific aboriginal values and uses identified during SFMP, FOS, FDP, or PMP referrals addressed in operational plans	100% of known traditional site-specific aboriginal values and uses identified during SFMP, FOS, FDP, or PMP referrals will be addressed in operational plans

6.0 The SFM Performance Requirements: CCFM Criteria and CSA SFM Elements	Value	Objective	Indicator		Target
The organization, in conformance with the public participation process requirements set out in Section 5, will identify DFA-specific values, objectives, indicators and targets for each of the CSA SFM Elements described in Clauses 6.1-6.6, as well as any other values associated with DFA.	Value - a DFA characteristic, component or quality considered by an interested party to be important in relation to a CSA SFM Element or other locally identified element.	Objective - a broad statement describing a desired future state or condition for a value.	Indicator - a variable that measures or describes the state or condition of a value.		Target - a specific statement describing a desired future state or condition of an indicator. Targets should be clearly defined, time-limited, and quantified, if possible.
Element 6.3 Public Participation Demonstrate that the public participation process is designed and functioning to the satisfaction of the participants.	Opportunity for Public Participation	Satisfactory public participation processes	**58**	Public Review and Comment Process for the FSJPPR	Obtain PAG acceptance of Public Review and Comment Process; comply with Public Review and Comment Process
			59	Terms of reference (TOR) for the FSJPPR public participation process	Obtain PAG acceptance of TOR for public participation process; complete annual review of TOR
			60	The percentage of timely responses to public inquiries	Respond to 100% of public inquiries regarding our forestry practices, that are additional to the Pilot Public Review and Comment processes, within one month of receipt
Element 6.4 Information for Decision-Making Provide relevant information to interested parties to support their involvement in the public participation process, and increase knowledge of ecosystem processes and human interactions with forest ecosystems.	Information for Decision-Making	Relevant info used in decision making process is provided to PAG, FNAG, general public and affected parties	**60**	See indicator #60	
			61	Scientific/Technical Advisory Committee (STAC)	Establish and maintain a scientific technical committee until December 2003

Appendix 3: Road and Bridge Construction Activities

Road and Bridge Construction Activities

Period from January 1, 2003 to March 31, 2004

Steward	Road Name	Start Chainage	End Chainage	Length	Completion Date	Season	Op Area	Method
Canfor Fort St. John	21-016-00	14510	14510	0	15-12-2003	Winter	Trutch Creek	Bridge Constr.
Canfor Fort St. John	21-016-00	7586	7586	0	15-12-2003	Winter	Trutch Creek	Bridge Constr.
Canfor Fort St. John	21-016-00	11012	11012	0	15-12-2003	Winter	Trutch Creek	Bridge Constr.
Canfor Fort St. John	21-016-00	16408	16408	0	15-12-2003	Winter	Trutch Creek	Bridge Constr.
Canfor Fort St. John	21-016-00	724	724	0	01-12-2003	Winter	Trutch Creek	Bridge Constr.
Canfor Fort St. John	36-035-00	16700	16700	0	01-03-2004	Winter	Apsassin Creek	Bridge Constr.
Canfor Fort St. John	Trutch Creek Main	7115	7115	0	15-11-2003	Winter	Trutch Creek	Bridge Constr.
Canfor Fort St. John	Trutch Creek Main	2656	2656	0	15-11-2003	Winter	Trutch Creek	Bridge Constr.
Canfor Fort St. John	03-011-00	400	645	245	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-01	171	1244	1073	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-02	0	4608	4608	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-03	0	1618	1618	01-08-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-04	0	1617	1617	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-05	0	223	223	30-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-06	100	533	433	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-07	0	318	318	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-08	0	303	303	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-09	0	311	311	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-11	0	404	404	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-12	0	292	292	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-13	0	503	503	01-07-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-011-14	0	250	250	01-08-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-016-00	0	643	643	01-12-2003	Winter	North Blueberry	New Construct
Canfor Fort St. John	03-016-01	0	479	479	01-12-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-016-02	0	187	187	01-12-2003	Winter	North Blueberry	New Construct
Canfor Fort St. John	03-017-00	0	1085	1085	01-12-2003	Winter	North Blueberry	New Construct
Canfor Fort St. John	03-021-00	0	3162	3162	29-10-2003	Summer	North Blueberry	New Construct
Canfor Fort St. John	03-022-00	0	1204	1204	29-10-2003	Winter	North Blueberry	New Construct
Canfor Fort St. John	03-023-00	0	1167	1167	15-11-2003	Winter	North Blueberry	New Construct
Canfor Fort St. John	03-023-01	0	918	918	15-11-2003	Winter	North Blueberry	New Construct
Canfor Fort St. John	03-023-02	0	249	249	15-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-028-00	750	1362	612	28-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-028-01	0	83	83	28-11-2003	Winter	North Blueberry	New Construct

Steward	Road Name	Start Chainage	End Chainage	Length	Completion Date	Season	Op Area	Method
Cameron River	03-030-00	0	1217	1217	28-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-030-01	0	331	331	28-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-030-02	0	689	689	28-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-030-03	0	669	669	28-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-030-04	0	193	193	28-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-031-00	0	267	267	28-11-2003	Winter	North Blueberry	New Construct
Cameron River	03-033-00	0	121	121	28-11-2003	Winter	North Blueberry	New Construct
Canfor Fort St. John	06-001-00	0	2102	2102	01-03-2004	Winter	Blair Creek	New Construct
Canfor Fort St. John	06-001-01	0	1117	1117	01-03-2004	Winter	Blair Creek	New Construct
Canfor Fort St. John	06-001-02	0	1695	1695	01-03-2004	Winter	Blair Creek	New Construct
Canfor Fort St. John	06-001-03	0	183	183	01-03-2004	Winter	Blair Creek	New Construct
Canfor Fort St. John	06-011-00	1473	2720	1247	01-03-2004	Summer	Blair Creek	New Construct
Canfor Fort St. John	07-014-00	0	1470	1470	01-03-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-014-01	0	225	225	01-03-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-015-00	0	1753	1753	01-03-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-019-00	0	1285	1285	15-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-019-01	0	711	711	15-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-019-02	0	86	86	15-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-020-00	0	318	318	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-020-00	1702	5655	3953	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-020-01	0	794	794	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-020-02	0	538	538	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-020-03	0	766	766	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-020-04	0	585	585	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-020-05	0	406	406	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-021-00	0	387	387	20-01-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-023-01	0	964	964	01-03-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-023-02	0	571	571	01-03-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	07-023-03	0	270	270	01-03-2004	Winter	Donnie Creek	New Construct
Canfor Fort St. John	08-028-01	0	500	500	31-12-2003	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-028-02	0	617	617	31-12-2003	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-028-03	0	258	258	31-12-2003	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-031-00	250	1287	1037	31-12-2003	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-031-01	0	1151	1151	31-12-2003	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-032-00	2614	6155	3541	23-01-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-032-01	0	119	119	19-01-2004	Winter	Tommy Lakes	New Construct

Steward	Road Name	Start Chainage	End Chainage	Length	Completion Date	Season	Op Area	Method
Canfor Fort St. John	08-032-02	0	1612	1612	19-01-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-036-00	20641	24319	3678	31-01-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-036-00	13000	20641	7641	01-04-2003	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-036-01	0	811	811	31-01-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-036-02	0	229	229	31-01-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-037-00	0	2124	2124	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-042-00	0	6400	6400	24-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-01	0	1806	1806	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-02	0	1088	1088	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-03	0	1078	1078	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-04	0	384	384	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-05	0	826	826	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-06	0	432	432	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-07	0	293	293	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-08	0	146	146	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-09	0	222	222	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-043-09	0	222	222	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-044-00	0	1968	1968	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	08-050-00	1200	3344	2144	15-03-2004	Winter	Tommy Lakes	New Construct
Canfor Fort St. John	11-042-00	9500	12745	3245	31-08-2003	Summer	Graham River	New Construct
Canfor Fort St. John	11-044-00	0	1259	1259	31-08-2003	Summer	Graham River	New Construct
Canfor Fort St. John	11-045-00	0	1800	1800	15-09-2003	Summer	Graham River	New Construct
Canfor Fort St. John	11-062-00	0	4200	4200	22-09-2003	Summer	Graham River	New Construct
Tembec Industries	19-001-00	0	1016	1016	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-001-01	0	169	169	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-006-00	0	1400	1400	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-008-00	0	1400	1400	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-009-00	0	700	700	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-010-00	0	100	100	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-010-01	0	437	437	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-010-02	0	920	920	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-011-01	0	889	889	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-013-00	4400	7000	2600	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-013-00	4400	7000	2600	01-02-2004	Summer	La Prise Creek	New Construct
Tembec Industries	19-015-00	0	520	520	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-016-00	0	2640	2640	01-02-2004	Winter	La Prise Creek	New Construct

Steward	Road Name	Start Chainage	End Chainage	Length	Completion Date	Season	Op Area	Method
Tembec Industries	19-016-01	0	2039	2039	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-016-02	0	160	160	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-016-03	0	103	103	01-02-2004	Winter	La Prise Creek	New Construct
Tembec Industries	19-017-00	36	36	0	27-11-2003	Winter	La Prise Creek	New Construct
Tembec Industries	19-017-01	0	124	124	27-11-2003	Winter	La Prise Creek	New Construct
Tembec Industries	19-018-00	0	829	829	27-11-2003	Winter	La Prise Creek	New Construct
Canfor Fort St. John	19-019-00	0	450	450	01-02-2004	Winter	La Prise Creek	New Construct
Canfor Fort St. John	19-019-01	0	372	372	01-02-2004	Winter	La Prise Creek	New Construct
Canfor Fort St. John	19-020-00	0	654	654	01-02-2004	Winter	La Prise Creek	New Construct
Canfor Fort St. John	19-020-01	0	281	281	01-02-2004	Winter	La Prise Creek	New Construct
Canfor Fort St. John	21-001-00	0	1594	1594	31-03-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-001-01	0	1340	1340	31-03-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-002-01	0	638	638	15-02-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-004-00	0	8252	8252	30-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-004-01	0	2011	2011	30-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-005-00	0	2046	2046	31-12-2003	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-005-01	0	228	228	31-12-2003	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-006-00	0	558	558	31-12-2003	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-006-01	0	835	835	31-12-2003	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-007-00	0	2111	2111	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-007-01	0	860	860	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-009-00	0	1559	1559	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-009-01	0	353	353	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-010-00	0	6582	6582	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-010-01	0	146	146	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-011-01	0	344	344	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-011-02	0	1027	1027	31-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-012-00	0	1355	1355	15-02-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-012-02	0	822	822	15-02-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-013-00	0	1412	1412	15-02-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-015-00	0	1269	1269	01-03-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-016-00	20000	32169	12169	20-02-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-016-00	0	20000	20000	31-12-2003	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-016-01	0	1079	1079	01-03-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-016-02	0	233	233	01-03-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-016-03	0	610	610	01-03-2004	Winter	Trutch Creek	New Construct

Steward	Road Name	Start Chainage	End Chainage	Length	Completion Date	Season	Op Area	Method
Canfor Fort St. John	21-017-00	0	1455	1455	15-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	21-017-01	0	486	486	15-01-2004	Winter	Trutch Creek	New Construct
Cameron River	21-037-00	0	3995	3995	15-03-2004	Winter	Trutch Creek	New Construct
Cameron River	21-037-01	0	270	270	15-03-2004	Winter	Trutch Creek	New Construct
Cameron River	21-038-00	0	2342	2342	15-01-2004	Winter	Trutch Creek	New Construct
Cameron River	21-038-01	0	1536	1536	15-01-2004	Winter	Trutch Creek	New Construct
Cameron River	21-038-02	0	670	670	15-01-2004	Winter	Trutch Creek	New Construct
Cameron River	21-038-03	0	606	606	15-01-2004	Winter	Trutch Creek	New Construct
Canfor Fort St. John	24-036-01	0	399	399	15-12-2003	Winter	Jedney Creek	New Construct
Canfor Fort St. John	24-036-02	0	942	942	15-12-2003	Winter	Jedney Creek	New Construct
Canfor Fort St. John	24-036-03	0	717	717	15-12-2003	Winter	Jedney Creek	New Construct
Canfor Fort St. John	24-036-04	0	327	327	15-12-2003	Winter	Jedney Creek	New Construct
Canfor Fort St. John	36-021-00	0	1911	1911	31-01-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-021-01	0	372	372	31-01-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-022-00	0	399	399	31-01-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-024-01	0	810	810	31-01-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-024-02	0	501	501	31-01-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-024-03	0	392	392	31-01-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-025-00	0	3049	3049	31-01-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-026-01	0	1382	1382	31-01-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-027-01	0	2019	2019	15-02-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-027-02	0	450	450	15-02-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-028-00	0	1580	1580	01-03-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-028-01	0	506	506	01-03-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-028-02	0	114	114	01-03-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-028-03	0	153	153	01-03-2004	Winter	Apsassin Creek	New Construct
Tembec Industries	36-028-04	0	1007	1007	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-029-01	0	366	366	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-029-02	0	231	231	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-030-00	0	3332	3332	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-031-00	0	1303	1303	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-031-01	0	359	359	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-031-02	0	302	302	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-031-03	0	843	843	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-031-04	0	370	370	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-032-00	0	994	994	01-03-2004	Winter	Apsassin Creek	New Construct

Steward	Road Name	Start Chainage	End Chainage	Length	Completion Date	Season	Op Area	Method
Canfor Fort St. John	36-032-01	0	865	865	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-033-00	0	680	680	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-034-00	0	826	826	01-03-2004	Winter	Apsassin Creek	New Construct
Canfor Fort St. John	36-035-00	0	17999	17999	01-03-2004	Winter	Apsassin Creek	New Construct
Ministry of Forest	21-016-00 Connector #2	0	2354	2354	20-11-2003	Winter	Trutch Creek	Re Construct
Canfor Fort St. John	03-011-00	0	645	645	22-09-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-01	0	1244	1244	01-08-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-02	0	4608	4608	01-09-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-03	0	1618	1618	01-09-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-04	0	1617	1617	01-09-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-05	0	223	223	01-08-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-06	0	533	533	01-08-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-07	0	318	318	01-08-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-11	0	404	404	01-08-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-12	0	292	292	01-09-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-13	0	503	503	01-08-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-011-14	0	250	250	01-09-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	03-021-00	0	3162	3162	29-10-2003	Summer	North Blueberry	Surfacing
Canfor Fort St. John	11-042-00	4000	12745	8745	01-09-2003	Summer	Graham River	Surfacing
Canfor Fort St. John	11-062-00	0	4200	4200	30-09-2003	Summer	Graham River	Surfacing
				275143				

Appendix 4: Road Deactivation Activities

Road Deactivation Activities

Period from January 1, 2003 to March 31, 2004

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	02-002-00	0	2880	2880	03-03-2004	Cross Ditches	South Blueberry	Quad/ATV	Permanent
Canfor Fort St. John	02-002-01	0	370	370	03-03-2004	Cross Ditches	South Blueberry	Quad/ATV	Permanent
Canfor Fort St. John	03-008-00	0	3768	3768	01-04-2003	Cross Ditches	North Blueberry	Quad/ATV	Permanent
Canfor Fort St. John	03-008-01	0	270	270	01-04-2003	Cross Ditches	North Blueberry	Quad/ATV	Permanent
Canfor Fort St. John	04-001-01	0	335	335	01-03-2004	Cross Ditches	Wonowon	Quad/ATV	Permanent
Canfor Fort St. John	04-002-01	0	873	873	01-03-2004	Cross Ditches	Wonowon	Quad/ATV	Permanent
Canfor Fort St. John	04-012-00	0	541	541	01-03-2004	Cross Ditches	Wonowon	Quad/ATV	Permanent
Canfor Fort St. John	04-013-00	1400	7204	5804	01-03-2004	Cross Ditches	Wonowon	Quad/ATV	Permanent
Canfor Fort St. John	08-003-01	0	781	781	09-01-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-009-00	0	379	379	09-01-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-010-00	0	1777	1777	09-01-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-010-01	0	156	156	09-01-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-011-00	0	2411	2411	15-02-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-012-00	17127	26376	9249	09-01-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-012-01	0	154	154	09-01-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-012-02	0	293	293	09-01-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-014-00	0	852	852	15-02-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-015-00	0	3016	3016	15-02-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-017-00	0	1328	1328	15-02-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-018-00	0	7016	7016	15-02-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-021-00	0	4085	4085	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-021-01	0	464	464	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-024-00	0	3620	3620	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-025-00	0	455	455	15-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-026-00	0	1850	1850	15-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-026-01	0	562	562	15-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-026-02	0	426	426	15-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-035-00	0	1316	1316	15-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	08-035-01	0	322	322	15-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Permanent
Canfor Fort St. John	11-001-01	0	290	290	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	11-001-02	0	1791	1791	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-001-03	0	308	308	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-001-04	0	307	307	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-002-00	0	1319	1319	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-002-01	0	905	905	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-003-01	0	552	552	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-004-00	0	1631	1631	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-005-00	0	1080	1080	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-005-01	0	745	745	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-006-00	0	431	431	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-007-00	0	3688	3688	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-008-00	0	7832	7832	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-009-00	0	242	242	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-009-01	0	595	595	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-009-02	0	858	858	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-009-03	0	510	510	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-010-00	0	521	521	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-011-00	0	1195	1195	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-012-01	0	572	572	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-012-03	0	438	438	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-012-04	0	209	209	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Cameron River	11-013-00	0	1987	1987	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Cameron River	11-013-01	0	1512	1512	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Cameron River	11-013-02	0	470	470	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Cameron River	11-014-00	0	599	599	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-014-00	0	599	599	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Cameron River	11-014-01	0	552	552	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-015-00	0	1427	1427	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-015-01	0	1354	1354	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-016-00	0	8286	8286	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-017-00	0	2852	2852	01-04-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-018-00	0	1279	1279	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-021-01	0	2249	2249	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	11-021-02	0	583	583	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-022-01	0	1137	1137	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-023-00	0	3683	3683	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-023-01	0	1449	1449	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-023-02	0	368	368	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-023-03	0	369	369	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-025-00	0	872	872	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-025-01	0	463	463	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-026-01	0	744	744	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-026-02	0	186	186	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-026-03	0	548	548	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-028-01	0	516	516	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-030-00	0	1417	1417	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-030-01	0	1176	1176	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-030-03	0	441	441	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-030-04	0	582	582	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-032-01	0	1768	1768	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-034-00	0	1528	1528	25-07-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-034-01	0	1565	1565	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-035-00	0	3089	3089	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-035-01	0	140	140	25-09-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-046-01	0	3327	3327	15-11-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-046-02	0	290	290	15-11-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-046-04	0	507	507	15-11-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-046-05	0	520	520	15-11-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-046-06	0	1393	1393	15-11-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	11-047-02	0	2140	2140	15-11-2003	Cross Ditches	Graham River	Quad/ATV	Permanent
Canfor Fort St. John	141 Road	3152	5102	1950	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-1000	0	1159	1159	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-1001	0	450	450	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-1002	0	337	337	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-1100	0	3378	3378	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-200	0	3750	3750	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	141-600	0	2481	2481	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-601	0	511	511	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-700	0	2575	2575	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-701	0	277	277	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-800	0	313	313	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-900	0	1609	1609	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	141-901	0	779	779	16-10-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	21-016-00	0	9022	9022	29-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Permanent
Canfor Fort St. John	23-005-01	0	683	683	01-11-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-005-01	0	683	683	23-12-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-005-02	0	109	109	23-12-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-006-00	0	230	230	23-12-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-006-00	0	230	230	01-11-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-008-00	5071	10172	5101	23-12-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-008-00	3406	10172	6766	01-11-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-021-00	0	801	801	23-12-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-022-00	0	502	502	23-12-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Canfor Fort St. John	23-022-00	0	502	502	01-11-2003	Cross Ditches	Cameron River	Quad/ATV	Permanent
Cameron River	37-001-00	0	3883	3883	10-03-2004	Cross Ditches	Lily Lake	Quad/ATV	Permanent
Cameron River	37-001-01	0	815	815	10-03-2004	Cross Ditches	Lily Lake	Quad/ATV	Permanent
Cameron River	37-001-02	0	430	430	10-03-2004	Cross Ditches	Lily Lake	Quad/ATV	Permanent
Cameron River	37-001-03	0	589	589	10-03-2004	Cross Ditches	Lily Lake	Quad/ATV	Permanent
Cameron River	37-001-04	0	716	716	10-03-2004	Cross Ditches	Lily Lake	Quad/ATV	Permanent
Cameron River	37-001-05	0	252	252	10-03-2004	Cross Ditches	Lily Lake	Quad/ATV	Permanent
Cameron River	37-001-06	0	374	374	10-03-2004	Cross Ditches	Lily Lake	Quad/ATV	Permanent
Canfor Fort St. John	629-700	0	1677	1677	15-01-2004	Cross Ditches	Donnie Creek	Quad/ATV	Permanent
Canfor Fort St. John	629-702	0	496	496	15-01-2004	Cross Ditches	Donnie Creek	Quad/ATV	Permanent
Canfor Fort St. John	629-704	0	126	126	15-01-2004	Cross Ditches	Donnie Creek	Quad/ATV	Permanent
Canfor Fort St. John	Colt Creek Road	8362	8627	265	01-04-2003	Cross Ditches	Blue Grave Creek	Quad/ATV	Permanent
Canfor Fort St. John	Trutch Creek Main	7116	13658	6542	30-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Permanent
Canfor Fort St. John	03-023-00	0	2921	2921	15-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Canfor Fort St. John	03-023-01	0	918	918	15-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Canfor Fort St. John	03-023-02	0	269	269	15-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	03-025-00	9439	11750	2311	01-04-2003	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-028-00	0	1362	1362	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-028-01	0	83	83	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-030-00	0	1217	1217	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-030-01	0	331	331	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-030-02	0	689	689	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-030-03	0	669	669	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-030-04	0	193	193	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-031-00	0	267	267	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Cameron River	03-033-00	0	121	121	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Canfor Fort St. John	04-001-01	0	335	335	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-002-01	0	890	890	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-003-00	0	3135	3135	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-003-01	0	444	444	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-003-02	0	249	249	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-009-00	0	408	408	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-009-01	0	2364	2364	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-010-00	0	2526	2526	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-010-01	0	808	808	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-010-02	0	419	419	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-012-00	0	497	497	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-013-00	0	7204	7204	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-014-01	0	1433	1433	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-014-02	0	41	41	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Canfor Fort St. John	04-014-03	0	711	711	01-04-2003	Cross Ditches	Wonowon	Quad/ATV	Temporary
Non Status	04-015-00	0	4153	4153	01-04-2003	Water Bars	Wonowon	4WD	Temporary
Canfor Fort St. John	04-015-00	0	4153	4153	01-04-2003	Water Bars	Wonowon	4WD	Temporary
Canfor Fort St. John	06-001-00	0	2102	2102	31-03-2004	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Canfor Fort St. John	06-001-01	0	1117	1117	31-03-2004	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Canfor Fort St. John	06-001-02	0	1695	1695	31-03-2004	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Canfor Fort St. John	06-001-03	0	183	183	31-03-2004	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Canfor Fort St. John	06-011-00	0	2720	2720	01-03-2004	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Cameron River	06-015-00	0	2139	2139	01-04-2003	Cross Ditches	Blair Creek	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Cameron River	06-015-01	0	950	950	01-04-2003	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Cameron River	06-015-02	0	228	228	01-04-2003	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Cameron River	06-015-03	0	160	160	01-04-2003	Cross Ditches	Blair Creek	Quad/ATV	Temporary
Tembec Industries	07-001-00	0	4175	4175	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-02	0	562	562	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-03	0	2758	2758	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-05	0	457	457	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-06	0	406	406	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-08	0	753	753	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-09	0	1773	1773	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-10	0	146	146	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-11	0	582	582	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-001-12	0	47	47	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-002-00	0	610	610	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-003-00	0	265	265	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-003-02	0	968	968	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-003-03	0	468	468	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-003-04	0	305	305	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-004-00	0	150	150	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-005-00	0	1545	1545	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-005-01	0	348	348	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-006-00	0	2178	2178	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-006-01	0	1207	1207	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-007-01	0	318	318	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-008-00	0	3249	3249	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-008-01	0	263	263	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-008-02	0	648	648	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-008-03	0	469	469	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-008-04	0	403	403	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-008-05	0	307	307	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-008-06	0	48	48	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-009-00	0	11381	11381	06-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-009-01	0	1171	1171	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	07-009-02	0	267	267	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-013-00	0	1901	1901	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-013-01	0	424	424	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-014-00	0	1470	1470	20-03-2004	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-014-01	0	225	225	20-03-2004	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-015-00	0	1753	1753	20-03-2004	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-016-00	0	1198	1198	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-017-00	0	912	912	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-017-01	0	76	76	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-018-00	0	1546	1546	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Tembec Industries	07-018-01	0	537	537	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-023-01	0	964	964	31-03-2004	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-023-02	0	571	571	31-03-2004	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	07-023-03	0	270	270	31-03-2004	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	08-009-00	0	380	380	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-010-00	0	1150	1150	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-010-01	0	81	81	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-011-00	0	2113	2113	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-012-00	17127	26376	9249	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-012-01	0	154	154	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-012-02	0	293	293	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-013-01	0	3042	3042	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-013-03	0	27	27	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-013-04	0	1416	1416	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-014-00	0	1052	1052	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-015-00	0	3016	3016	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-017-00	0	1320	1320	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-018-00	0	7016	7016	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-019-00	0	571	571	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-021-00	0	4085	4085	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-021-01	0	464	464	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-022-00	0	284	284	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-023-00	0	602	602	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	08-023-01	0	265	265	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-023-02	0	214	214	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-024-00	0	3620	3620	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-025-00	0	455	455	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-026-00	0	1850	1850	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-026-01	0	562	562	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-026-02	0	426	426	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-029-01	0	782	782	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-031-00	0	1287	1287	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-031-00	0	245	245	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-031-01	0	1151	1151	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-032-00	0	2612	2612	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-032-00	0	6155	6155	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-032-01	0	119	119	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-032-02	0	1612	1612	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-035-00	0	1316	1316	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-035-01	0	322	322	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-036-00	0	24609	24609	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-036-00	0	20638	20638	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-036-01	0	811	811	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-036-02	0	229	229	20-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-037-00	0	2121	2121	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-042-00	0	6400	6400	26-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-01	0	1806	1806	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-02	0	1088	1088	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-03	0	1078	1078	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-04	0	384	384	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-05	0	826	826	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-06	0	432	432	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-07	0	293	293	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-08	0	146	146	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-043-09	0	222	222	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	08-044-00	0	1631	1631	31-03-2004	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	08-050-00	0	1244	1244	01-04-2003	Cross Ditches	Tommy Lakes	Quad/ATV	Temporary
Canfor Fort St. John	141-1100	0	366	366	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	141-1400	1423	2144	721	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Anadarko	143-100	0	1204	1204	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Tembec Industries	19-001-00	0	1016	1016	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-001-01	0	169	169	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-010-02	0	920	920	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-011-01	0	889	889	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-013-00	4400	7177	2777	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Petro Canada	19-013-00	4400	7177	2777	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-016-00	0	6086	6086	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-016-01	0	2039	2039	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-016-02	0	388	388	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-016-03	0	103	103	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-017-00	0	292	292	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-017-01	0	124	124	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Tembec Industries	19-018-00	0	829	829	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Canfor Fort St. John	19-019-00	0	450	450	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Canfor Fort St. John	19-019-01	0	372	372	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Canfor Fort St. John	19-020-00	0	808	808	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Canfor Fort St. John	19-020-01	0	281	281	15-03-2004	Cross Ditches	La Prise Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-001-00	0	1594	1594	29-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-001-01	0	1340	1340	29-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-002-01	0	638	638	29-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-004-00	0	8252	8252	29-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-004-01	0	2011	2011	29-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-005-00	0	2046	2046	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-005-01	0	228	228	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-006-00	0	535	535	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-006-01	0	835	835	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-007-00	0	2112	2112	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-007-01	0	860	860	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-011-01	0	344	344	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	21-011-02	0	1027	1027	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-012-00	0	1356	1356	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-012-02	0	823	823	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-013-00	0	1256	1256	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-015-00	0	1306	1306	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-016-00	9022	32169	23147	15-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Ministry of Forest	21-016-00 Connector #2	0	2354	2354	16-01-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-017-00	0	1455	1455	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	21-017-01	0	486	486	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Cameron River	21-038-00	0	2342	2342	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Cameron River	21-038-01	0	1536	1536	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Cameron River	21-038-02	0	670	670	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Cameron River	21-038-03	0	606	606	01-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
Canfor Fort St. John	23-001-01	0	546	546	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-002-01	0	893	893	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-002-02	0	417	417	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-002-03	0	367	367	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-002-04	0	153	153	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-005-01	0	596	596	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-005-02	0	109	109	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-006-00	0	231	231	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-008-00	5071	9212	4141	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-009-01	0	399	399	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-009-02	0	597	597	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-010-00	0	1524	1524	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-010-01	355	989	634	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-010-02	0	311	311	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-010-03	0	224	224	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-010-04	0	630	630	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-017-00	6252	10691	4439	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-021-00	0	801	801	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	23-022-00	0	495	495	01-04-2003	Cross Ditches	Cameron River	Quad/ATV	Temporary
Canfor Fort St. John	24-006-01	0	481	481	01-04-2003	Cross Ditches	Jedney Creek	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Canfor Fort St. John	24-006-02	0	763	763	01-04-2003	Cross Ditches	Jedney Creek	Quad/ATV	Temporary
Canfor Fort St. John	24-036-01	0	399	399	29-03-2004	Cross Ditches	Jedney Creek	Quad/ATV	Temporary
Canfor Fort St. John	24-036-02	0	942	942	29-03-2004	Cross Ditches	Jedney Creek	Quad/ATV	Temporary
Canfor Fort St. John	24-036-03	0	717	717	29-03-2004	Cross Ditches	Jedney Creek	Quad/ATV	Temporary
Canfor Fort St. John	24-036-04	0	327	327	29-03-2004	Cross Ditches	Jedney Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-021-00	0	2059	2059	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-021-01	0	372	372	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-022-00	0	399	399	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-024-01	0	791	791	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-024-02	0	501	501	30-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-024-03	0	3267	3267	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-025-00	0	3052	3052	30-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-026-01	0	1382	1382	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-027-01	0	2019	2019	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-027-02	0	450	450	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-028-00	0	1590	1590	15-02-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-028-01	0	506	506	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-028-02	0	114	114	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-028-03	0	153	153	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Tembec Industries	36-028-04	0	1007	1007	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-029-01	0	366	366	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-029-02	0	231	231	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-030-00	0	3332	3332	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-031-00	0	1303	1303	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-031-01	0	359	359	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-031-02	0	302	302	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-031-03	0	843	843	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-031-04	0	370	370	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-032-00	0	994	994	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-032-01	0	865	865	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-033-00	0	564	564	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-034-00	0	893	893	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Canfor Fort St. John	36-035-00	0	19988	19988	31-03-2004	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary

Steward	Road Name	Start Chainage	End Chainage	Length	Deact Date	Method	Op Area	Access Type	Level
Cameron River	36-038-00	0	2818	2818	01-04-2003	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Cameron River	36-038-01	0	865	865	01-04-2003	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Cameron River	36-038-02	0	380	380	01-04-2003	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Cameron River	36-038-03	0	2070	2070	01-04-2003	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Cameron River	36-038-04	0	136	136	01-04-2003	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Cameron River	36-039-00	0	3616	3616	01-04-2003	Cross Ditches	Apsassin Creek	Quad/ATV	Temporary
Cameron River	37-001-00	0	3883	3883	01-04-2003	Cross Ditches	Lily Lake	Quad/ATV	Temporary
Cameron River	37-001-01	0	815	815	01-04-2003	Cross Ditches	Lily Lake	Quad/ATV	Temporary
Cameron River	37-001-02	0	430	430	01-04-2003	Cross Ditches	Lily Lake	Quad/ATV	Temporary
Cameron River	37-001-03	0	589	589	01-04-2003	Cross Ditches	Lily Lake	Quad/ATV	Temporary
Cameron River	37-001-04	0	716	716	01-04-2003	Cross Ditches	Lily Lake	Quad/ATV	Temporary
Cameron River	37-001-05	0	252	252	01-04-2003	Cross Ditches	Lily Lake	Quad/ATV	Temporary
Cameron River	37-001-06	0	374	374	01-04-2003	Cross Ditches	Lily Lake	Quad/ATV	Temporary
Canfor Fort St. John	629-700	0	1677	1677	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	629-702	0	496	496	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	629-704	0	126	126	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	629-800	0	3023	3023	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	629-801	0	874	874	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Canfor Fort St. John	Colt Creek Road	0	8362	8362	10-04-2003	Cross Ditches	Blue Grave Creek	Quad/ATV	Temporary
Petro Canada	Horn Road	35621	40092	4471	01-04-2003	Cross Ditches	Donnie Creek	Quad/ATV	Temporary
Emporium Holdings	R12236 (SBFEP)	0	4769	4769	19-03-2004	Cross Ditches	North Blueberry	Quad/ATV	Temporary
Canfor Fort St. John	Trutch Creek Main	0	7116	7116	30-03-2004	Cross Ditches	Trutch Creek	Quad/ATV	Temporary
				620293					

Appendix 5: Timber Harvesting Activities

Canfor Timber Harvesting Activities

Period from January 1, 2003 to March 31, 2004

Tenure	Timbermark		Block ID	Gross ha	Merch ha	Harvest Start Date	Harvest Completion Date	Silviculture System
A18154	EK8	123	03003	49.5	43.6	01-09-2003	10-12-2003	Clearcut Cut with reserves
A18154	EK8	123	03005	52.4	45.1	30-07-2003	21-10-2003	Clearcut Cut with reserves
A18154	EK8	158	03016	19.6	19.1	01-12-2003	12-23-03	Clearcut Cut with reserves
A18154	EK8	158	03017	18.6	16.5	05-12-2003	15-01-2004	Clearcut Cut with reserves
A18154	EK8	158	03018	8.1	6.4	02-12-2003	19-01-2004	Clearcut Cut with reserves
A18154	EK8	158	03021	81.4	74.4	29-09-2003	20-12-2003	Clearcut Cut with reserves
A18154	EK8	157	03022	10.5	9.9	27-10-2003	22-12-2003	Clearcut Cut with reserves
A18154	EK8	158	03023	30.5	30.0	29-10-2003	13-11-2003	Clearcut Cut with reserves
A18154	EK8	167	06001	79.5	71.0	12-11-2003	31-12-2003	Clearcut Cut with reserves
A18154	EK8	650	07014	17.9	17.1	01-03-2004	31-03-2004	Clearcut Cut with reserves
A18154	EK8	650	07015	6.3	6.1	01-03-2004	30-03-2004	Clearcut Cut
A18154	EK8	649	07019	26.0	24.7	16-01-2004	17-02-2004	Clearcut Cut with reserves
A18154	EK8	649	07020	81.0	77.9	17-01-2004	28-02-2004	Clearcut Cut with reserves
A18154	EK8	649	07021	11.9	6.7	01-02-2004	30-03-2004	Clearcut Cut with reserves
A18154	EK8	649	07022	2.6	2.2	11-01-2004	19-02-2004	Clearcut Cut
A18154	EK8	650	07023	42.6	31.0	01-03-2004	30-03-2004	Clearcut Cut with reserves
A18154	EK8	647	08028	58.8	54.7	19-11-2003	17-02-2004	Clearcut Cut with reserves
A18154	EK8	648	08031	26.4	23.7	20-11-2003	30-01-2004	Clearcut Cut with reserves
A18154	EK8	648	08032	67.8	59.7	01-01-2004	17-02-2004	Clearcut Cut with reserves
A18154	EK8	647	08036	45.1	43.2	14-01-2004	01-03-2004	Clearcut Cut with reserves
A18154	EK8	656	08043	96.7	88.8	04-02-2004	15-03-2004	Clearcut Cut with reserves
A18154	EK8	656	08044	12.6	12.1	24-02-2004	15-03-2004	Clearcut Cut with reserves
A18154	EK8	651	19019	10.0	9.4	24-11-2003	23-12-2003	Clearcut Cut with reserves
A18154	EK8	652	19020	12.7	10.5	20-11-2003	15-12-2003	Clearcut Cut with reserves
A18154	EK8	801	21001	51.5	45.9	10-03-2004	30-03-2004	Clearcut Cut with reserves
A18154	EK8	801	21002	62.9	52.4	06-01-2004	27-02-2004	Clearcut Cut with reserves
A18154	EK8	801	21003	16.3	11.2	15-01-2004	27-02-2004	Clearcut Cut with reserves
A18154	EK8	803	21004	67.6	54.3	27-01-2004	22-03-2004	Clearcut Cut with reserves
A18154	EK8	803	21005	30.0	27.8	02-01-2004	27-02-2004	Clearcut Cut with reserves
A18154	EK8	801	21006	37.8	31.8	21-01-2004	27-02-2004	Clearcut Cut with reserves
A18154	EK8	803	21007	65.4	54.8	03-12-2003	30-01-2004	Clearcut Cut with reserves
A18154	EK8	804	21009	77.8	69.4	01-01-2004	26-03-2004	Clearcut Cut with reserves
A18154	EK8	803	21010	30.5	26.7	02-03-2004	22-03-2004	Clearcut Cut with reserves
A18154	EK8	804	21011	53.4	48.7	01-01-2004	27-02-2004	Clearcut Cut with reserves
A18154	EK8	805	21012	31.0	24.7	15-01-2004	22-03-2004	Clearcut Cut with reserves
A18154	EK8	805	21013	51.2	48.8	19-01-2004	26-03-2004	Clearcut Cut with reserves
A18154	EK8	803	21014	8.5	8.0	11-02-2004	27-02-2004	Clearcut Cut
A18154	EK8	805	21015	15.9	14.8	06-02-2004	27-02-2004	Clearcut Cut with reserves

Tenure	Timbermark		Block ID	Gross ha	Merch ha	Harvest Start Date	Harvest Completion Date	Silviculture System
A18154	EK8	803	21016	59.9	57.8	16-02-2004	26-03-2004	Clearcut Cut with reserves
A18154	EK8	805	21017	81.0	74.7	24-11-2003	02-01-2004	Clearcut Cut with reserves
A18154	EK8	801	21035	18.6	13.5	20-01-2004	27-02-2004	Clearcut Cut with reserves
A18154	EK8	804	21036	27.8	23.0	16-02-2004	22-03-2004	Clearcut Cut with reserves
A18154	EK8	153	23011	44.9	40.4	20-08-2003	26-12-2003	Clearcut Cut with reserves
A18154	EK8	153	23012	41.9	23.3	28-08-2003	26-12-2003	Clearcut Cut with reserves
A18154	EK8	145	23013	37.0	33.0	06-10-2003	26-12-2003	Clearcut Cut with reserves
A18154	EK8	154	23014	15.5	12.7	13-08-2003	26-12-2003	Clearcut Cut with reserves
A18154	EK8	154	23015	64.2	52.8	14-08-2003	26-12-2003	Clearcut Cut with reserves
A18154	EK8	145	23016	42.4	30.1	23-10-2003	31-12-2003	Clearcut Cut with reserves
A18154	EK8	153	23017	16.8	13.2	24-11-2003	26-12-2003	Clearcut Cut with reserves
A18154	EK8	145	23018	9.9	3.3	01-12-2003	26-12-2003	Clearcut Cut with reserves
A18154	EK8	145	23020	46.0	40.5	10-11-2003	31-12-2003	Clearcut Cut with reserves
A18154	EK8	653	24036	44.4	37.6	21-10-2003	16-12-2003	Clearcut Cut with reserves
A18154	EK8	654	36021	12.4	12.3	11-01-2004	20-01-2004	Clearcut Cut
A18154	EK8	655	36022	2.0	1.7	11-01-2004	20-01-2004	Clearcut Cut
A18154	EK8	655	36023	3.8	2.5	11-01-2004	23-01-2004	Clearcut Cut with reserves
A18154	EK8	643	36029	26.4	23.6	04-02-2004	03-03-2004	Clearcut Cut with reserves
A18154	EK8	643	36030	11.5	10.8	27-02-2004	28-02-2004	Clearcut Cut with reserves
A18154	EK8	643	36031	77.0	63.0	12-02-2004	15-03-2004	Clearcut Cut with reserves
A18154	EK8	643	36032	35.9	33.7	06-02-2004	15-03-2004	Clearcut Cut with reserves
A18154	EK8	643	36033	2.0	2.0	28-02-2004	15-03-2004	Clearcut Cut
A18154	EK8	643	36034	10.0	9.5	10-02-2004	15-03-2004	Clearcut Cut
A18154	EK8	643	36035	5.4	5.0	19-02-2004	15-03-2004	Clearcut Cut
A18154			**Total**	**2205.0**	**1923.1**			
A59959	GE1	163	03028	9.5	7.6	17-11-2003	26-12-2003	Clearcut Cut with reserves
A59959	GE1	164	03030	47.6	47.0	15-11-2003	26-12-2003	Clearcut Cut with reserves
A59959	GE1	165	03031	9.9	9.6	17-11-2003	26-12-2003	Clearcut Cut
A59959	GE1	166	03032	5.3	4.5	17-11-2003	26-12-2003	Clearcut Cut with reserves
A59959	GE1	166	03033	2.2	2.1	17-11-2003	31-12-2003	Clearcut Cut
A59959	GE1	806	21037	42.8	40.9	13-02-2004	26-03-2004	Clearcut Cut with reserves
A59959	GE1	807	21038	57.3	53.5	16-12-2003	20-01-2004	Clearcut Cut with reserves
A59959			**Total**	**174.6**	**165.2**			
A60972	AB6	640	19001	20.5	16.7	01-12-2003	21-12-2003	Clearcut Cut with reserves
A60972	AB6	641	19005	6.8	5.6	09-12-2003	05-01-2004	Clearcut Cut with reserves
A60972	AB6	641	19006	1.1	1.0	05-01-2004	30-01-2004	Clearcut Cut
A60972	AB6	641	19010	52.6	42.5	03-01-2004	23-02-2004	Clearcut Cut with reserves
A60972	AB6	640	19013	2.6	2.6	01-12-2003	03-02-2004	Clearcut Cut with reserves
A60972	AB6	640	19015	2.3	2.3	03-02-2004	20-02-2004	Clearcut Cut
A60972	AB6	640	19018	5.1	4.7	23-12-2003	31-12-2003	Clearcut Cut

Tenure	Timbermark		Block ID	Gross ha	Merch ha	Harvest Start Date	Harvest Completion Date	Silviculture System
A60972	AB6	633	24007	99.2	90.1	01-07-2003	01-12-2003	Clearcut Cut with reserves
A60972	AB6	633	24008	86.7	79.5	11-07-2003	01-12-2003	Clearcut Cut with reserves
A60972	AB6	642	36024	48.3	43.5	21-01-2004	27-02-2004	Clearcut Cut with reserves
A60972	AB6	642	36026	46.3	36.7	29-01-2004	01-03-2004	Clearcut Cut with reserves
A60972			**Total**	**371.5**	**325.2**			
All FL's			**Total**	**2699.6**	**2367.6**			

Notes:

- FL A18154-Block 21001 was finished harvesting in March of 2004, but deliveries of decks continued into April 2004.
- FL A18154-Blocks 03013,07013,08013,08014,08019,10003, and 23009 were reported logged 2002-2003, although some decks hauled during this reporting period.
- FLA60972- Block 07001 were reported logged in 2002-2003 -some decks hauled this reporting period.

BCTS Timber Harvesting Activities

Period from January 1, 2003 to March 31, 2004

Mapsheet Number	Timber Mark	TSL Number	Block	Opening #	Start Date	Finish Date	Gross Area	Merch Area	Silvicultural System
94A03100		54403	1	094A031000022	10-12-2002	18-05-2004	51.3	46.2	Coppice
94A05200		59307	1	094A052000054	30-03-2003	31-12-2003	96.9	84.8	Coppice
94G01700		54341	1	094G017000005	01-01-2003	06-05-2004	111	73.6	Clearcut with reserves
94G01700		54341	2	094G017000006	01-01-2003	2004/04/31	28.9	18.5	Clearcut with reserves
94G01800		60191	1	094G018000001	01-03-2003	06-05-2004	38.8	34.8	Clearcut with reserves
94A02100		54899	1	094A021000025	11-12-2003	16-02-2004	58.4	49.8	Coppice
94H03100		60198	1	094H004000031	04-12-2003	15-03-2004	61.5	54.2	Clearcut with reserves
94A04900		61943	1	094A049000025	19-12-2003	16-03-2004	22.8	19.9	Coppice
94A05500		63407	1	094A055000036	16-12-2003	26-03-2004	115.2	91.6	Clearcut with reserves
94A06400		63413	1	094A064000027	08-12-2003		42.9	35.0	Clearcut with reserves
94B09000		63437	1	094B090000010	14-10-2003	31-03-2004	110.9	97.3	Coppice
94G01800		63451	1	094G018000002	14-10-2003	18-12-2003	67.1	60.2	Clearcut with reserves
94A06200		69487	1	094A062000038	01-12-2003	31-01-2004	17.9	15.8	Clearcut with reserves
94A04900		61944	1	094A049000027	26-01-2004	16-03-2003	33.3	27.8	Coppice
94A04000		63396	1	094A040000007	23-02-2004		159.9	133.3	Coppice

Appendix 6: Planting Activities

Canfor Planting Activities

Period from January 1, 2003 to March 31, 2004

Harvest Start Date	Licence	Permit	Block	Block ID	Activity	Completion Date	Area (ha)	Seedlot	# Seedlings
26-09-2000	A18154	118	004	118004	Planting (Container)	06-06-2003	1.3	43116	2320
26-09-2000	A18154	118	004	118004	Planting (Container)	06-06-2003	1.3	31310	1906
22-09-2000	A18154	120	001	120001	Planting (Container)	06-06-2003	3.8	31310	5850
10-10-2000	A18154	120	002	120002	Planting (Container)	06-06-2003	1.3	31310	1919
26-02-2001	A18154	120	003	120003	Planting (Container)	06-06-2003	42.8	31310	57990
26-02-2001	A18154	120	003	120003	Planting (Container)	06-06-2003	12.2	31303	16979
20-11-2001	A18154	120	004	120004	Planting (Container)	06-06-2003	2.4	31303	3400
20-11-2001	A18154	120	004	120004	Planting (Container)	06-06-2003	3.9	31310	5085
01-09-2001	A18154	120	005	120005	Planting (Container)	06-06-2003	0.8	31303	1840
01-09-2001	A18154	120	005	120005	Planting (Container)	06-06-2003	6.2	31310	9600
01-03-2002	A18154	123	001	03001	Planting (Container)	06-06-2003	8.8	31310	11175
01-03-2002	A18154	123	001	03001	Planting (Container)	06-06-2003	26.5	31303	33640
04-02-2002	A18154	123	002	03002	Planting (Container)	06-06-2003	23.1	43116	31620
13-09-2002	A18154	123	004	03004	Planting (Container)	06-06-2003	31	31303	51000
23-01-2002	A18154	123	006	03006	Planting (Container)	06-06-2003	40.3	43116	51320
23-01-2002	A18154	123	006	03006	Planting (Container)	06-06-2003	4.6	8780	6430
23-01-2002	A18154	123	006	03006	Planting (Container)	06-06-2003	3.8	31310	4680
05-01-2002	A18154	123	007	03007	Planting (Container)	09-06-2003	45.7	31310	69060
12-12-2001	A18154	123	008	03008	Planting (Container)	10-06-2003	7.1	8780	9280
01-09-1989	A18153	126	002	126002	Fill Plant (Container)	16-06-2003	7.1	31310	9450
01-09-1989	A18153	126	002	126002	Fill Plant (Container)	16-06-2003	5.7	43116	11600
01-09-1989	A18153	126	002	126002	Fill Plant (Container)	16-06-2003	12.6	8780	19090
01-09-1989	A18153	126	002	126002	Fill Plant (Container)	16-06-2003	19.2	31310	27405
01-09-1989	A18153	126	002	126002	Fill Plant (Container)	16-06-2003	18.1	1839	27195
01-09-1990	A18153	126	003	126003	Fill Plant (BROOT)	16-06-2003	27.4	1839	35490
01-12-1998	A18154	140	007	140007	Fill Plant (Container)	10-06-2003	6.8	31310	5940
25-11-2002	A18154	141	013	141013	Planting (Container)	15-06-2003	6.8	43116	9140
01-01-1998	A18154	142	005	142005	Fill Plant (Container)	11-06-2003	9	31310	10755
01-01-1998	A18154	142	005	142005	Fill Plant (Container)	11-06-2003	2	31303	2480
01-03-1998	A18154	142	008	142008	Fill Plant (Container)	02-06-2003	12.7	31310	12450
01-03-1998	A18154	142	008	142008	Fill Plant (Container)	02-06-2003	1.5	31303	1460
28-08-2002	A18154	144	002	23002	Planting (Container)	04-06-2003	39	31303	55260
17-10-2002	A18154	144	003	23003	Planting (Container)	30-06-2003	4.7	31303	6620
21-10-2002	A18154	144	004	23004	Planting (Container)	08-06-2003	2.8	31303	3081
24-02-2003	A18154	144	009	23009	Planting (Container)	02-06-2003	9.3	31303	18600
23-10-2002	A18154	144	021	23021	Planting (Container)	07-06-2003	10.6	31303	16900
22-11-2002	A18154	152	001	23001	Planting (Container)	02-06-2003	14.5	31303	20980
15-07-2002	A18154	152	010	23010	Planting (Container)	07-06-2003	14.6	39505	24280
01-02-1988	A18154	307	003	307003	Fill Plant (Container)	21-07-2003	2.7	31310	2210

Harvest Start Date	Licence	Permit	Block	Block ID	Activity	Completion Date	Area (ha)	Seedlot	# Seedlings
01-02-1988	A18154	307	003	307003	Fill Plant (Container)	31-05-2003	31.9	31310	16530
01-02-1988	A18154	307	003	307003	Fill Plant (Container)	31-05-2003	31.9	39505	17720
01-02-1988	A18154	307	003	307003	Fill Plant (Container)	29-07-2003	1	31310	1065
01-01-1990	A18154	311	003	311003	Fill Plant (Container)	16-07-2003	19.7	31312	23130
01-01-1991	A18154	311	004	311004	Fill Plant (Container)	16-07-2003	1.6	31312	3240
01-08-1992	A18154	312	004	312004	Fill Plant (Container)	20-07-2003	14	39505	7080
01-08-1992	A18154	312	004	312004	Fill Plant (Container)	20-07-2003	14	31310	8590
01-12-2001	A18154	319	001	11001	Planting (Container)	29-07-2003	8.3	31312	11640
01-12-2001	A18154	319	001	11001	Planting (Container)	29-07-2003	17.2	31312	25110
01-12-2001	A18154	319	001	11001	Planting (Container)	29-07-2003	22.4	39505	33660
14-01-2002	A18154	319	002	11002	Planting (Container)	13-07-2003	19.5	31312	30975
14-01-2002	A18154	319	002	11002	Planting (Container)	13-07-2003	7.1	39505	11040
14-01-2002	A18154	319	002	11002	Planting (Container)	13-07-2003	15.2	31312	22155
04-02-2002	A18154	319	003	11003	Planting (Container)	18-07-2003	0.8	39505	1380
04-02-2002	A18154	319	003	11003	Planting (Container)	18-07-2003	28.9	31312	46885
05-01-2002	A18154	319	009	11009	Planting (Container)	18-07-2003	1.4	31312	1995
05-01-2002	A18154	319	009	11009	Planting (Container)	18-07-2003	16.6	31312	23085
15-02-2002	A18154	319	010	11010	Planting (Container)	18-07-2003	0.2	31312	300
15-02-2002	A18154	319	010	11010	Planting (Container)	18-07-2003	14.1	31312	21105
15-02-2002	A18154	319	010	11010	Planting (Container)	18-07-2003	0.6	39505	960
07-01-2002	A18154	319	012	11012	Planting (Container)	18-07-2003	0.4	31312	495
07-01-2002	A18154	319	012	11012	Planting (Container)	18-07-2003	3.3	31312	4545
17-02-2003	A18154	319	013	11013	Planting (Container)	15-07-2003	30.9	39505	47230
07-01-2003	A18154	319	015	11015	Planting (Container)	16-07-2003	33.8	31312	46950
03-01-2002	A18154	319	016	11016	Planting (Container)	18-07-2003	2.2	31312	3390
03-01-2002	A18154	319	016	11016	Planting (Container)	18-07-2003	2.4	31312	3255
01-12-2000	A18154	321	018	11018	Planting (Container)	21-07-2003	0.2	39505	280
18-06-2000	A18154	321	021	11021	Planting (Container)	21-07-2003	2.9	31303	4062
02-08-2000	A18154	321	023	11023	Planting (Container)	21-07-2003	6	31303	8392
02-08-2000	A18154	321	023	11023	Planting (Container)	21-07-2003	0.8	31310	1185
23-09-2000	A18154	321	026	11026	Planting (Container)	21-07-2003	5.6	31303	7832
23-09-2000	A18154	321	026	11026	Planting (Container)	21-07-2003	0.4	31303	568
02-08-2000	A18154	321	028	11028	Planting (Container)	21-07-2003	0.9	39505	1230
01-08-2001	A18154	321	029	11029	Planting (Container)	21-07-2003	0.5	31303	620
15-08-2000	A18154	321	030	11030	Planting (Container)	21-07-2003	2.8	31303	3962
28-08-2000	A18154	321	032	11032	Planting (Container)	21-07-2003	1	39505	1310
28-08-2000	A18154	321	032	11032	Planting (Container)	21-07-2003	0.6	39505	835
28-09-2000	A18154	321	034	11034	Planting (Container)	21-07-2003	1	39505	1410
23-11-2000	A18154	321	035	11035	Planting (Container)	21-07-2003	0.6	39505	850
01-09-1993	A18154	323	003	323003	Fill Plant (Container)	21-07-2003	4.7	39505	5680
01-01-1995	A18154	324	002	324002	Fill Plant (Container)	26-07-2003	17.5	31312	15390
01-11-1994	A18154	324	003	324003	Fill Plant (Container)	26-07-2003	12.6	31312	12420

Harvest Start Date	Licence	Permit	Block	Block ID	Activity	Completion Date	Area (ha)	Seedlot	# Seedlings
01-01-1997	A18154	325	004	325004	Fill Plant (Container)	25-07-2003	7.6	31312	6750
01-01-1997	A18154	328	001	328001	Fill Plant (Container)	25-07-2003	4.8	31312	4860
18-03-2002	A18154	331	051	20051	Planting (Container)	26-07-2003	38.9	39505	56520
19-02-2001	A18154	331	052	20052	Planting (Container)	26-07-2003	7.1	39505	11440
13-03-2002	A18154	333	001	10001	Planting (Container)	29-07-2003	13.8	39505	20610
13-03-2002	A18154	333	001	10001	Planting (Container)	29-07-2003	3.9	39505	5315
21-01-2002	A18154	335	006	20006	Planting (Container)	28-07-2003	29	39505	44100
01-07-2001	A18154	336	009	20009	Planting (Container)	27-07-2003	0.8	31312	1095
01-07-2001	A18154	336	009	20009	Planting (Container)	27-07-2003	17.1	31312	24195
01-07-2001	A18154	336	009	20009	Planting (Container)	27-07-2003	2.3	31310	3240
04-03-2002	A18154	336	011	20011	Planting (Container)	28-07-2003	13.8	39505	9440
04-03-2002	A18154	336	011	20011	Planting (Container)	28-07-2003	13.8	31312	8010
27-11-2001	A18154	336	012	20012	Planting (Container)	28-07-2003	49.4	31312	66780
27-11-2001	A18154	336	012	20012	Planting (Container)	28-07-2003	4.3	31312	5445
03-01-2002	A18154	336	013	20013	Planting (Container)	28-07-2003	14.5	31312	18585
10-09-2001	A18154	337	010	20010	Planting (Container)	27-07-2003	0.9	39505	1280
10-09-2001	A18154	337	010	20010	Planting (Container)	27-07-2003	5.3	39505	6940
10-09-2001	A18154	337	010	20010	Planting (Container)	27-07-2003	4.2	31312	5145
06-01-2001	A18154	341	022	11022	Planting (Container)	21-07-2003	1.7	31303	2312
15-09-2000	A18154	341	025	11025	Planting (Container)	21-07-2003	3.2	31303	4492
01-12-2001	A18154	343	004	11004	Planting (Container)	18-07-2003	0.9	31312	1275
01-12-2001	A18154	343	004	11004	Planting (Container)	18-07-2003	15.5	39505	24360
01-12-2001	A18154	343	004	11004	Planting (Container)	18-07-2003	10.1	31312	17610
02-12-2002	A18154	343	006	11006	Planting (Container)	18-07-2003	11.8	31312	19115
01-01-2003	A18154	343	007	11007	Planting (Container)	18-07-2003	5.6	39505	8800
01-01-2003	A18154	343	008	11008	Planting (Container)	18-07-2003	5.1	31312	6285
01-01-2003	A18154	343	008	11008	Planting (Container)	18-07-2003	4.4	39505	8020
07-03-2002	A18154	344	005	11005	Planting (Container)	18-07-2003	8.6	31312	13020
13-02-2002	A18154	344	011	11011	Planting (Container)	18-07-2003	0.4	31312	600
13-02-2002	A18154	344	011	11011	Planting (Container)	18-07-2003	2.4	31312	3240
17-02-2003	A18154	344	017	11017	Planting (Container)	18-07-2003	9	39505	13900
17-03-2003	A18154	347	003	10003	Planting (Container)	18-07-2003	8.5	31303	13230
17-03-2003	A18154	347	003	10003	Planting (Container)	18-07-2003	9	31303	13120
13-12-2000	A18154	349	004	12004	Fill Plant (Container)	26-07-2003	38.4	31312	35220
04-01-2001	A18154	349	12001	12001	Planting (Container)	25-07-2003	0.2	39505	300
16-01-2001	A18154	350	008	12008	Planting (Container)	29-07-2003	0.2	31310	200
05-01-2001	A18154	350	12002	12002	Planting (Container)	25-07-2003	0.4	39505	580
16-01-2001	A18154	351	009	12009	Planting (Container)	29-07-2003	0.2	31310	250
10-01-2001	A18154	352	006	12006	Planting (Container)	25-07-2003	0.1	39505	160
10-01-2001	A18154	352	007	12007	Planting (Container)	25-07-2003	0.1	39505	180
13-12-2000	A18154	352	12003	12003	Fill Plant (Container)	25-07-2003	3.4	31312	3240
10-01-2001	A18154	352	12005	12005	Planting (Container)	25-07-2003	0.1	39505	140

Harvest Start Date	Licence	Permit	Block	Block ID	Activity	Completion Date	Area (ha)	Seedlot	# Seedlings
01-01-2003	A59959	354		11014	Planting (Container)	18-07-2003	31.1	39505	47740
01-01-1994	A18154	420	003	420003	Fill Plant (Container)	08-06-2003	4.1	1839	5232
10-01-2002	A18154	515	016	22016	Planting (Container)	14-07-2003	56.1	8976	90980
20-01-2002	A18154	515	019	22019	Planting (Container)	14-07-2003	3.5	8976	4905
05-01-2002	A18154	518	015	22015	Planting (Container)	14-07-2003	4.1	8976	6180
01-02-2002	A18154	518	017	22017	Planting (Container)	14-07-2003	30.1	8976	49765
04-02-2002	A18154	518	018	22018	Planting (Container)	14-07-2003	42.8	8976	69475
14-01-2002	A18154	518	020	22020	Planting (Container)	14-07-2003	3.9	8976	6305
01-01-1991	A18154	601	030	601030	Fill Plant (Container)	08-06-2003	0.7	31303	500
01-12-1996	A18154	614	001	614001	Fill Plant (Container)	03-06-2003	13.7	31310	10125
01-12-1996	A18154	614	003	614003	Fill Plant (Container)	13-06-2003	6	31310	6690
01-01-1997	A18154	614	005	614005	Fill Plant (Container)	13-06-2003	15.4	31310	14490
01-01-1997	A18154	614	005	614005	Fill Plant (Container)	13-06-2003	4.3	31310	5205
01-01-1997	A18154	614	005	614005	Fill Plant (Container)	13-06-2003	2.5	1839	2025
01-01-1997	A18154	614	006	614006	Fill Plant (Container)	01-06-2003	44.8	31310	35457
01-01-1997	A18154	615	005	615005	Fill Plant (Container)	30-05-2003	28.5	31310	25618
01-01-1997	A18154	615	007	615007	Fill Plant (Container)	30-05-2003	22.3	31310	20739
01-07-2001	A18154	616	006	616006	Planting (Container)	04-06-2003	18.9	31303	24720
01-12-1999	A18154	616	011	616011	Planting (Container)	04-06-2003	8.3	31303	11280
01-10-1997	A18154	618	001	618001	Fill Plant (Container)	31-05-2003	1.3	31310	1995
16-07-2001	A18154	622	001	622001	Planting (Container)	15-07-2003	1.5	31303	2160
16-07-2001	A18154	622	001	622001	Planting (Container)	09-06-2003	140.4	31303	204955
16-07-2001	A18154	622	007	622007	Planting (Container)	13-06-2003	66.3	31303	96815
16-07-2001	A18154	622	007	622007	Planting (Container)	13-06-2003	71.7	39505	96463
25-09-2001	A18154	625	005	24005	Planting (Container)	26-07-2003	12.3	31310	17235
25-09-2001	A18154	625	005	24005	Planting (Container)	14-06-2003	3.7	31310	5145
25-09-2001	A18154	625	005	24005	Planting (Container)	26-07-2003	0.3	31303	360
25-09-2001	A18154	625	005	24005	Planting (Container)	14-06-2003	15.5	31303	21800
04-12-1998	A18154	626	001	626001	Fill Plant (Container)	26-07-2003	0.1	31310	30
04-12-1998	A18154	626	001	626001	Fill Plant (Container)	01-06-2003	2.7	31310	3660
28-01-1999	A18154	626	008	626008	Fill Plant (Container)	22-07-2003	10	31310	7965
28-01-1999	A18154	626	008	626008	Fill Plant (Container)	01-06-2003	26.5	1839	21262
08-02-2001	A18154	629	005	629005	Planting (Container)	19-07-2003	4.4	8992	7020
08-02-2001	A18154	629	005	629005	Planting (Container)	19-07-2003	28.1	8992	36720
08-02-2001	A18154	629	005	629005	Planting (Container)	19-07-2003	76.2	31310	106395
05-02-2001	A18154	629	006	629006	Planting (Container)	20-07-2003	3.3	2116	3520
05-02-2001	A18154	629	006	629006	Planting (Container)	20-07-2003	74.7	31310	105145
05-02-2001	A18154	629	006	629006	Planting (Container)	20-07-2003	23.9	8992	34160
10-01-2002	A18154	629	007	629007	Planting (Container)	23-07-2003	45.2	8976	66150
08-01-2002	A18154	629	008	629008	Planting (Container)	24-07-2003	10.1	2116	13720
08-01-2002	A18154	629	008	629008	Planting (Container)	24-07-2003	5.8	8992	6480
08-01-2002	A18154	629	008	629008	Planting (Container)	24-07-2003	42.2	31310	58960

Harvest Start Date	Licence	Permit	Block	Block ID	Activity	Completion Date	Area (ha)	Seedlot	# Seedlings
08-01-2002	A18154	629	008	629008	Planting (Container)	24-07-2003	28.1	8992	39200
15-01-2002	A18154	630	010	07010	Planting (Container)	24-07-2003	8.2	31310	11425
10-01-2002	A18154	630	011	07011	Planting (Container)	24-07-2003	23.8	31310	32640
10-01-2002	A18154	630	011	07011	Planting (Container)	24-07-2003	0.7	2116	750
10-01-2002	A18154	630	011	07011	Planting (Container)	24-07-2003	3.1	2116	4320
14-01-2002	A18154	630	012	07012	Planting (Container)	24-07-2003	51.2	31310	70950
14-01-2002	A18154	630	012	07012	Planting (Container)	24-07-2003	3.5	2116	3930
02-03-2002	A18154	631	003	08003	Planting (Container)	25-07-2003	62.4	8976	75520
10-03-2002	A18154	631	004	08004	Planting (Container)	25-07-2003	7.9	31310	10600
01-03-2002	A18154	631	005	08005	Planting (Container)	25-07-2003	52.6	8976	75350
01-03-2002	A18154	631	005	08005	Planting (Container)	25-07-2003	2	2116	2850
15-02-2002	A18154	631	006	08006	Planting (Container)	25-07-2003	39.1	8976	50775
15-02-2002	A18154	631	006	08006	Planting (Container)	25-07-2003	1.4	2116	2145
25-02-2002	A18154	631	008	08008	Planting (Container)	25-07-2003	50.3	8976	70035
22-07-2002	A18154	632	001	08001	Planting (Container)	26-07-2003	4.6	31310	6620
05-03-2002	A18154	632	002	08002	Planting (Container)	26-07-2003	3	2116	3345
05-03-2002	A18154	632	002	08002	Planting (Container)	26-07-2003	8.3	31310	10245
10-02-2002	A18154	632	007	08007	Planting (Container)	25-07-2003	15.1	8976	20415
10-02-2002	A18154	632	007	08007	Planting (Container)	25-07-2003	13.4	31310	21870

BCTS Planting Activities

Period from January 1, 2003 to March 31, 2004

Harvest Start Date	Opening	Licence	Permit	Block Id	Activity	Activity Date	Area	Seedlot	# Trees
01-10-1987	94A05400 23	A21099	APR-21099	1	Fill Plant (Container)	22-07-2003	47.2	8978	46260
01-12-1987	94A05400 32	A24997	APR-24997	1	Fill Plant (Container)	09-08-2003	22	8977	16060
01-03-1988	94B03000 20	A26395	APR-26395	1	Fill Plant (Container)	07-08-2003	21.3	8977	12440
01-01-1988	94A05400 34	A30594	APR-30594	1	Fill Plant (Container)	31-07-2003	2	8978	2010
01-07-1991	94H01500 10	A31962	APR-31962	1	Fill Plant (Container)	30-07-2003	38	2103	22770
01-07-1991	94H01500 10	A31962	APR-31962	1	Fill Plant (Container)	30-07-2003	38	8977	7550
01-12-1988	94A05400 19	A31985	APR-31985	1	Fill Plant (Container)	09-08-2003	5	8977	3120
01-11-1988	94A05400 30	A31986	APR-31986	1	Fill Plant (Container)	31-07-2003	38.5	8978	13560
01-11-1988	94A05400 30	A31986	APR-31986	1	Fill Plant (Container)	31-07-2003	38.5	8977	25160
01-11-1995	94A07900 1	A31995	APR-31995	1	Fill Plant (Container)	02-08-2003	3.8	8977	1920
01-01-1995	94A07900 2	A31996	APR-31996	1	Fill Plant (Container)	02-08-2003	21.1	8977	16560
01-03-1992	94B03000 21	A31999	APR-31999	1	Fill Plant (Container)	08-08-2003	34.3	8977	15740
01-03-1992	94B03000 21	A31999	APR-31999	1	Fill Plant (Container)	08-08-2003	34.3	48541	10330
01-01-1993	94H01500 11	A32904	APR-32904	1	Fill Plant (Container)	30-07-2003	18.1	2103	7830
01-01-1993	94H01500 11	A32904	APR-32904	1	Fill Plant (Container)	30-07-2003	18.1	8977	3190

Harvest Start Date	Opening	Licence	Permit	Block Id	Activity	Activity Date	Area	Seedlot	# Trees
01-02-1996	94B06800 5	A45126	APR-45126	1	Fill Plant (Container)	31-07-2003	3.9	8978	2160
01-01-2002	94A06000 13	A52313	APR-52313	2	Planting (Container)	23-07-2003	18.6	8978	16180
01-01-2002	94A06000 11	A52313	APR-52313	1	Planting (Container)	22-07-2003	31	8978	36000
01-11-1999	94A02100 19	A52768	APR-52768	1	Planting (Container)	06-08-2003	10.5	8977	10510
01-11-1998	94A02100 20	A52769	APR-52769	1	Planting (Container)	06-08-2003	10.9	8977	7290
01-11-1999	94A07200 15	A54445	APR-54445	1	Planting (Container)	05-08-2003	4.9	8977	4170
20-11-2001	94H01200 20	A54844	APR-54844	1	Planting (Container)	04-08-2003	46.1	8991	46980
20-11-2001	94H01200 20	A54844	APR-54844	1	Planting (Container)	04-08-2003	46.1	8977	17130
02-10-2001	94A08300 29	A54848	APR-54848	1	Planting (Container)	01-08-2003	6.4	8977	9120
10-11-2001	94A05300 46	A54895	APR-54895	1	Planting (Container)	30-07-2003	3.5	8991	1500
10-11-2001	94A05300 46	A54895	APR-54895	1	Planting (Container)	30-07-2003	3.5	8978	2820
29-01-2001	94A05300 41	A59305	APR-59305	1	Planting (Container)	30-07-2003	10.1	8978	5070
29-01-2001	94A05300 41	A59305	APR-59305	1	Planting (Container)	30-07-2003	10.1	8991	2010
25-11-2002	94A09400 31	A60196	APR-60196	1	Planting (Container)	06-08-2003	49	8977	32310
25-11-2002	94A09400 31	A60196	APR-60196	1	Planting (Container)	06-08-2003	49	8991	23860
01-12-2000	94H00300 8	A60197	APR-60197	1	Planting (Container)	04-08-2003	19.7	8991	16100
01-12-2000	94H00300 8	A60197	APR-60197	1	Planting (Container)	04-08-2003	19.7	8977	3500
01-11-2001	94H01200 21	A60202	APR-60202	1	Planting (Container)	31-08-2003	68.1	48541	48600
01-11-2001	94H01200 21	A60202	APR-60202	1	Planting (Container)	31-08-2003	68.1	8991	18360
01-11-2001	94H01200 21	A60202	APR-60202	1	Planting (Container)	31-08-2003	68.1	8977	9900
01-11-2001	94H01200 21	A60202	APR-60202	1	Planting (Container)	31-08-2003	68.1	2103	3510
01-11-2001	94H01200 21	A60202	APR-60202	1	Planting (Container)	31-08-2003	68.1	8978	16920
13-03-2003	94H02200 21	A60206	APR-60206	1	Planting (Container)	27-07-2003	24.2	48541	9720
13-03-2003	94H02200 21	A60206	APR-60206	1	Planting (Container)	27-07-2003	24.2	8978	15840
18-12-2002	94H02200 20	A60207	APR-60207	1	Planting (Container)	27-07-2003	40	8978	47700
10-01-2002	94B03000 109	A61903	APR-61903	1	Planting (Container)	07-08-2003	14.1	48541	16100
01-01-2002	94A07000 11	A67805	APR-67805	1	Planting (Container)	03-08-2003	6.2	8977	8040
01-12-1995	94A06200 37	A49989	C	1	Fill Plant (Container)	03-08-2003	1.8	8977	1840

Appendix 7: Establishment Delay

Establishment Delay Complete (Canfor)

Period from January 1, 2003 to March 31, 2004

Harvest Start Date	Licence	CP	Block	Block ID	FSJPR block	Status	Regen Met Date	Stratum Name	Stratum Area	Layer	Species 1	%of sp1	Species 2	%of sp2	Species 3	%of sp3	Total Conifer(sph)
01-12-1999	A18154	616	011	616011	No	D	04-06-2003	A	3.3	I	Pli	100					1440
01-12-1999	A18154	616	011	616011	No	D	04-06-2003	B	14.6	I	Pli	100					1318
01-12-1999	A18154	616	011	616011	No	D	04-06-2003	C	5.4	I	Pli	100					1400
01-12-1999	A18154	616	011	616011	No	D	04-06-2003	D	7.2	I	Pli	100					1356
18-06-2000	A18154	321	021	11021	No	D	21-07-2003	I	24.2	I	Pli	100					1300
18-06-2000	A18154	321	021	11021	No	D	21-07-2003	K	55.7	I	Pli	100					1303
18-06-2000	A18154	321	021	11021	No	D	21-07-2003	L	1.7	I	Sx	100					1880
02-08-2000	A18154	321	023	11023	No	D	21-07-2003	H	12.4	I	Pli	100					1367
02-08-2000	A18154	321	023	11023	No	D	21-07-2003	I	107.2	I	Pli	100					1325
02-08-2000	A18154	321	023	11023	No	D	21-07-2003	J	26.8	I	Pli	100					1408
02-08-2000	A18154	321	023	11023	No	D	21-07-2003	K	27.7	I	Pli	100					1493
02-08-2000	A18154	321	023	11023	No	D	21-07-2003	L	0.4	I	Pli	100					1360
15-09-2000	A18154	341	025	11025	No	D	21-07-2003	J	25.9	I	Pli	100					1315
22-09-2000	A18154	120	001	120001	No	D	06-06-2003	A	45.4	I	Pli	100					1361
22-09-2000	A18154	120	001	120001	No	D	06-06-2003	B	3	I	Sx	100					1400
23-09-2000	A18154	321	026	11026	No	D	21-07-2003	H	1.2	I	Pli	100					1267
23-09-2000	A18154	321	026	11026	No	D	21-07-2003	J	77.6	I	Pli	100					1339
26-09-2000	A18154	118	004	118004	No	D	06-06-2003	A	57.3	I	Sx	65	Pli	35			1370
26-09-2000	A18154	118	004	118004	No	D	06-06-2003	B	9.5	I	Sx	72	Pli	28			1367
26-09-2000	A18154	118	004	118004	No	D	06-06-2003	C	4.5	I	Sx	100					1244
28-09-2000	A18154	321	034	11034	No	D	21-07-2003	I	5.6	I	Pli	100					1440
28-09-2000	A18154	321	034	11034	No	D	21-07-2003	K	23.8	I	Pli	100					1310
10-10-2000	A18154	120	002	120002	No	D	12-06-2003	A	47.5	I	Pli	96	Sx	4			1314
10-10-2000	A18154	120	002	120002	No	D	12-06-2003	B	1.3	I	Sx	100					1400
10-10-2000	A18154	120	002	120002	No	D	12-06-2003	C	1.8	I	Pli	100					1480
06-01-2001	A18154	341	022	11022	No	D	21-07-2003	B	7.9	I	Pli	100					1257
06-01-2001	A18154	341	022	11022	No	D	21-07-2003	I	17.3	I	Pli	100					1326
05-02-2001	A18154	629	006	629006	No	D	20-07-2003	A	24.5	I	Pli	97	Sx	3			1327
05-02-2001	A18154	629	006	629006	No	D	20-07-2003	B	71.8	I	Sx	94	Pli	6			1302

Harvest Start Date	Licence	CP	Block	Block ID	FSJPR block	Status	Regen Met Date	Stratum Name	Stratum Area	Layer	Species 1	%of sp1	Species 2	%of sp2	Species 3	%of sp3	Total Conifer(sph)
05-02-2001	A18154	629	006	629006	No	D	20-07-2003	C	14.6	I	Sx	100					1218
08-02-2001	A18154	629	005	629005	No	D	19-07-2003	A	28.9	I	Pli	70	Sx	30			1303
08-02-2001	A18154	629	005	629005	No	D	19-07-2003	B	74.2	I	Sx	86	Pli	14			1248
08-02-2001	A18154	629	005	629005	No	D	19-07-2003	C	5.6	I	Sx	100					1600
19-02-2001	A18154	331	052	20052	No	D	26-07-2003	A	27.2	I	Pli	100					1503
26-02-2001	A18154	120	003	120003	No	D	06-06-2003	A	32.6	I	Sx	97	Pli	3			1275
26-02-2001	A18154	120	003	120003	No	D	06-06-2003	B	5.8	I	Pli	100					1440
26-02-2001	A18154	120	003	120003	No	D	06-06-2003	C	2.3	I	Sx	100					1320
26-02-2001	A18154	120	003	120003	No	D	06-06-2003	D	6.5	I	Sx	100					1200
26-02-2001	A18154	120	003	120003	No	D	06-06-2003	E	7.8	I	Pli	70	Sx	30			1229
01-07-2001	A18154	336	009	20009	No	D	27-07-2003	A	50.8	I	Sx	100					1681
01-07-2001	A18154	336	009	20009	No	D	27-07-2003	B	5.1	I	Sx	100					1435
01-07-2001	A18154	336	009	20009	No	D	27-07-2003	C	5.2	I	Sx	100					1460
01-07-2001	A18154	616	006	616006	No	D	04-06-2003	A	15.8	I	Pli	100					1360
01-07-2001	A18154	616	006	616006	No	D	04-06-2003	B	3.1	I	Pli	100					1320
16-07-2001	A18154	622	007	622007	No	D	13-06-2003	A	91.6	I	Pli	100					1346
16-07-2001	A18154	622	007	622007	No	D	13-06-2003	B	33.9	I	Pli	100					1389
16-07-2001	A18154	622	007	622007	No	D	13-06-2003	C	12.2	I	Pli	100					1364
01-08-2001	A18154	321	029	11029	No	D	21-07-2003	B	20.1	I	Pli	100					1373
10-09-2001	A18154	337	010	20010	No	D	27-07-2003	A	21.4	I	Sx	69	Pli	31			1744
10-09-2001	A18154	337	010	20010	No	D	27-07-2003	B	6.2	I	Sx	100					1480
27-11-2001	A18154	336	012	20012	Yes	D	28-07-2003	A	23.9	I	Sx	100					1381
27-11-2001	A18154	336	012	20012	Yes	D	28-07-2003	B	23.8	I	Sx	100					1325
27-11-2001	A18154	336	012	20012	Yes	D	28-07-2003	C	6	I	Sx	100					1143
01-12-2001	A18154	319	001	11001	Yes	D	29-07-2003	A	67.3	I	Pli	75	Sx	25			1606
01-12-2001	A18154	319	001	11001	Yes	D	29-07-2003	B	15.4	I	Sx	100					1300
01-12-2001	A18154	319	001	11001	Yes	D	29-07-2003	E	4.2	I	Sx	65	Bl	24	Pli	11	680
01-12-2001	A18154	343	004	11004	Yes	D	18-07-2003	A	20.9	I	Pli	82	Sx	18			1570
01-12-2001	A18154	343	004	11004	Yes	D	18-07-2003	B	5.3	I	Sx	100					1314
01-12-2001	A18154	343	004	11004	Yes	D	18-07-2003	E	2.1	I	Pli	72	Sx	26	Bl	2	1560
03-01-2002	A18154	319	016	11016	Yes	D	18-07-2003	A	4.1	I	Pli	100					1625
03-01-2002	A18154	319	016	11016	Yes	D	18-07-2003	B	3.9	I	Sx	100					1467
03-01-2002	A18154	319	016	11016	Yes	D	18-07-2003	E	1	I	Sx	79	Bl	21			560

Harvest Start Date	Licence	CP	Block	Block ID	FSJPR block	Status	Regen Met Date	Stratum Name	Stratum Area	Layer	Species 1	%of sp1	Species 2	%of sp2	Species 3	%of sp3	Total Conifer(sph)
05-01-2002	A18154	319	009	11009	Yes	D	18-07-2003	A	40.1	I	Sx	55	Pli	45			1641
05-01-2002	A18154	319	009	11009	Yes	D	18-07-2003	B	12	I	Sx	100					1560
05-01-2002	A18154	319	009	11009	Yes	D	18-07-2003	C	4.6	I	Pli	72	Sx	28			720
05-01-2002	A18154	518	015	22015	Yes	D	14-07-2003	A	7.9	I	Sx	100					1400
05-01-2002	A18154	518	015	22015	Yes	D	14-07-2003	B	0.7	I	Sx	100					1800
05-01-2002	A18154	518	015	22015	Yes	D	14-07-2003	C	0.1	I	Sx	100					1440
05-01-2002	A18154	518	015	22015	Yes	D	14-07-2003	D	11.4	I	Sx	100					1571
05-01-2002	A18154	518	015	22015	Yes	D	14-07-2003	E	1.8	I	Sx	100					1600
07-01-2002	A18154	319	012	11012	Yes	D	18-07-2003	A	35.3	I	Pli	100					1643
07-01-2002	A18154	319	012	11012	Yes	D	18-07-2003	B	2	I	Sx	100					1360
08-01-2002	A18154	629	008	629008	Yes	D	24-07-2003	A	74.4	I	Pli	58	Sx	42			1324
08-01-2002	A18154	629	008	629008	Yes	D	24-07-2003	B	11.8	I	Sx	100					1277
10-01-2002	A18154	515	016	22016	Yes	D	14-07-2003	A	9.7	I	Sx	100					1340
10-01-2002	A18154	515	016	22016	Yes	D	14-07-2003	B	1.8	I	Sx	100					1280
10-01-2002	A18154	515	016	22016	Yes	D	14-07-2003	C	5.6	I	Sx	100					1633
10-01-2002	A18154	515	016	22016	Yes	D	14-07-2003	D	12.5	I	Sx	100					1738
10-01-2002	A18154	515	016	22016	Yes	D	14-07-2003	E	20.2	I	Sx	100					1388
10-01-2002	A18154	515	016	22016	Yes	D	14-07-2003	F	4.4	I	Sx	100					1400
10-01-2002	A18154	630	011	07011	Yes	D	24-07-2003	A	0.3	I	Sx	100					1560
10-01-2002	A18154	630	011	07011	Yes	D	24-07-2003	B	3.2	I	Sx	100					1371
10-01-2002	A18154	630	011	07011	Yes	D	24-07-2003	C	19.9	I	Sx	100					1300
10-01-2002	A18154	630	011	07011	Yes	D	24-07-2003	D	3.8	I	Pli	100					1280
10-01-2002	A18154	630	011	07011	Yes	D	24-07-2003	E	0.4	I	Pli	100					1200
14-01-2002	A18154	319	002	11002	Yes	D	13-07-2003	A	12.3	I	Pli	62	Sx	38			1488
14-01-2002	A18154	319	002	11002	Yes	D	13-07-2003	B	15.7	I	Sx	100					1447
14-01-2002	A18154	319	002	11002	Yes	D	13-07-2003	C	13.7	I	Sx	100					1341
14-01-2002	A18154	319	002	11002	Yes	D	13-07-2003	D	2.3	I	Pli	50	Sx	44	Bl	6	640
14-01-2002	A18154	518	020	22020	Yes	D	14-07-2003	A	4.9	I	Sx	100					1520
14-01-2002	A18154	518	020	22020	Yes	D	14-07-2003	B	32.5	I	Sx	100					1539
14-01-2002	A18154	630	012	07012	Yes	D	24-07-2003	A	45.9	I	Sx	100					1357
14-01-2002	A18154	630	012	07012	Yes	D	24-07-2003	B	5.2	I	Sx	100					1200
14-01-2002	A18154	630	012	07012	Yes	D	24-07-2003	C	3.6	I	Pli	100					1200
15-01-2002	A18154	630	010	07010	Yes	D	24-07-2003	A	8.2	I	Sx	100					1380

Harvest Start Date	Licence	CP	Block	Block ID	FSJPR block	Status	Regen Met Date	Stratum Name	Stratum Area	Layer	Species 1	%of sp1	Species 2	%of sp2	Species 3	%of sp3	Total Conifer(sph)
20-01-2002	A18154	515	019	22019	Yes	D	14-07-2003	A	7.5	I	Sx	100					1618
20-01-2002	A18154	515	019	22019	Yes	D	14-07-2003	B	2.6	I	Sx	100					1640
20-01-2002	A18154	515	019	22019	Yes	D	14-07-2003	C	35.8	I	Sx	100					1573
20-01-2002	A18154	515	019	22019	Yes	D	14-07-2003	D	2.5	I	Sx	100					1480
01-02-2002	A18154	518	017	22017	Yes	D	14-07-2003	A	10.7	I	Sx	100					1600
01-02-2002	A18154	518	017	22017	Yes	D	14-07-2003	B	10.3	I	Sx	100					1629
01-02-2002	A18154	518	017	22017	Yes	D	14-07-2003	C	4.3	I	Sx	100					1486
01-02-2002	A18154	518	017	22017	Yes	D	14-07-2003	D	8	I	Sx	100					1578
01-02-2002	A18154	518	017	22017	Yes	D	14-07-2003	E	3	I	Sx	100					1560
04-02-2002	A18154	319	003	11003	Yes	D	18-07-2003	A	13.2	I	Sx	87	Pli	13			1500
04-02-2002	A18154	319	003	11003	Yes	D	18-07-2003	B	17.5	I	Sx	94	Pli	6			1470
04-02-2002	A18154	319	003	11003	Yes	D	18-07-2003	E	3.6	I	Pli	68	Sx	32			1000
04-02-2002	A18154	518	018	22018	Yes	D	14-07-2003	A	9.6	I	Sx	100					1578
04-02-2002	A18154	518	018	22018	Yes	D	14-07-2003	B	0.6	I	Sx	100					1760
04-02-2002	A18154	518	018	22018	Yes	D	14-07-2003	C	5.3	I	Sx	100					1650
04-02-2002	A18154	518	018	22018	Yes	D	14-07-2003	D	26.2	I	Sx	100					1383
10-02-2002	A18154	632	007	08007	Yes	D	25-07-2003	A	16.7	I	Sx	100					1389
10-02-2002	A18154	632	007	08007	Yes	D	25-07-2003	B	0.9	I	Sx	100					1440
10-02-2002	A18154	632	007	08007	Yes	D	25-07-2003	C	10.9	I	Sx	100					1367
13-02-2002	A18154	344	011	11011	Yes	D	18-07-2003	A	26.8	I	Pli	58	Sx	42			1630
13-02-2002	A18154	344	011	11011	Yes	D	18-07-2003	B	3.6	I	Sx	100					1400
13-02-2002	A18154	344	011	11011	Yes	D	18-07-2003	C	1.2	I	Bl	79	Pli	21			1720
15-02-2002	A18154	319	010	11010	Yes	D	18-07-2003	A	9.3	I	Pli	82	Sx	18			1738
15-02-2002	A18154	319	010	11010	Yes	D	18-07-2003	B	12.4	I	Sx	97	Pli	3			1472
15-02-2002	A18154	319	010	11010	Yes	D	18-07-2003	E	3.2	I	Pli	75	Bl	15	Sx	10	800
15-02-2002	A18154	631	006	08006	Yes	D	25-07-2003	A	29	I	Sx	100					1287
15-02-2002	A18154	631	006	08006	Yes	D	25-07-2003	B	0.7	I	Pli	100					1480
15-02-2002	A18154	631	006	08006	Yes	D	25-07-2003	C	10.8	I	Sx	100					1160
25-02-2002	A18154	631	008	08008	Yes	D	25-07-2003	A	13.5	I	Sx	100					1329
25-02-2002	A18154	631	008	08008	Yes	D	25-07-2003	B	36.8	I	Sx	100					1286
01-03-2002	A18154	631	005	08005	Yes	D	25-07-2003	A	1.1	I	Pli	100					1240
01-03-2002	A18154	631	005	08005	Yes	D	25-07-2003	B	39.3	I	Sx	100					1350
01-03-2002	A18154	631	005	08005	Yes	D	25-07-2003	C	11.1	I	Sx	100					1283

Harvest Start Date	Licence	CP	Block	Block ID	FSJPR block	Status	Regen Met Date	Stratum Name	Stratum Area	Layer	Species 1	%of sp1	Species 2	%of sp2	Species 3	%of sp3	Total Conifer(sph)
01-03-2002	A18154	631	005	08005	Yes	D	25-07-2003	D	3.1	I	Sx	100					1400
02-03-2002	A18154	631	003	08003	Yes	D	25-07-2003	A	5.3	I	Sx	100					1240
02-03-2002	A18154	631	003	08003	Yes	D	25-07-2003	B	54	I	Sx	100					1169
02-03-2002	A18154	631	003	08003	Yes	D	25-07-2003	C	3.1	I	Sx	100					1100
04-03-2002	A18154	336	011	20011	Yes	D	28-07-2003	A	8.1	I	Pli	57	Sx	43			1167
04-03-2002	A18154	336	011	20011	Yes	D	28-07-2003	B	5.7	I	Pli	56	Sx	44			1250
07-03-2002	A18154	344	005	11005	Yes	D	18-07-2003	A	23.1	I	Sx	72	Pli	28			1650
07-03-2002	A18154	344	005	11005	Yes	D	18-07-2003	B	3.5	I	Sx	100					1725
07-03-2002	A18154	344	005	11005	Yes	D	18-07-2003	C	1	I	Sx	50	Bl	25	Pli	25	320
18-03-2002	A18154	331	051	20051	Yes	D	26-07-2003	A	14.4	I	Sx	100					1347
18-03-2002	A18154	331	051	20051	Yes	D	26-07-2003	B	7.8	I	Sx	100					1371
18-03-2002	A18154	331	051	20051	Yes	D	26-07-2003	C	15.5	I	Sx	100					1400
18-03-2002	A18154	331	051	20051	Yes	D	26-07-2003	D	1.2	I	Sx	100					1400
02-12-2002	A18154	343	006	11006	Yes	D	18-07-2003	A	6.4	I	Sx	100					1700
02-12-2002	A18154	343	006	11006	Yes	D	18-07-2003	B	5.4	I	Sx	100					1367
01-01-2003	A18154	343	007	11007	Yes	D	18-07-2003	A	5.8	I	Pli	100					1429
01-01-2003	A18154	343	007	11007	Yes	D	18-07-2003	B	1.1	I	Pli	79	Sx	16	Bl	5	1520
01-01-2003	A18154	343	008	11008	Yes	D	18-07-2003	A	4.7	I	Pli	100					1360
01-01-2003	A18154	343	008	11008	Yes	D	18-07-2003	B	4.8	I	Sx	100					1560
07-01-2003	A18154	319	015	11015	Yes	D	16-07-2003	A	18.7	I	Sx	100					1267
07-01-2003	A18154	319	015	11015	Yes	D	16-07-2003	B	15.1	I	Sx	100					1325
17-02-2003	A18154	319	013	11013	Yes	D	15-07-2003	A	30.9	I	Pli	100					1506
17-02-2003	A18154	344	017	11017	Yes	D	18-07-2003	A	8	I	Pli	100					1667
17-02-2003	A18154	344	017	11017	Yes	D	18-07-2003	E	2.2	I	Pli	78	Sx	22			1800

Establishment Delay Complete (BCTS)

Period from January 1, 2003 to March 31, 2004

Inventory Label

Harvest Date	Opening	Licence	Permit	Block Id	Actvity	Status	Date	Stratum	Area	Layer	Species1	%Species1	Species2	%Species2	Total Trees
01-01-2002	94A06000 13	A52313	APR-52313	2	Regen Delay (Stocking)(Walkthrough)	D	23-07-2003	1	18.6	I	Sx	100			1253
01-01-2002	94A06000 11	A52313	APR-52313	1	Regen Delay (Stocking)(Walkthrough)	D	22-07-2003	1	31	I	Sx	100			1374
20-11-2001	94H01200 20	A54844	APR-54844	1	Regen Delay (Stocking)(Walkthrough)	D	04-08-2003	A	46.9	I	Pli	73	Sx	27	1349
05-01-2000	94A05500 34	A59302	APR-59302	1	Regen Performance Survey	D	06-07-2003	A	26.2	I	At	50	Act	40	207
05-01-2000	94A05500 34	A59302	APR-59302	1	Regen Performance Survey	D	06-07-2003	B	10.2	I	At	60	Pli	20	67
05-01-2000	94A05500 34	A59302	APR-59302	1	Regen Performance Survey	D	06-07-2003	C	18.7	I	Pli	60	Sx	40	1373
25-11-2002	94A09400 31	A60196	APR-60196	1	Regen Delay (Stocking)(Walkthrough)	D	06-08-2003	A	12.1	I	Pli	100			1200
25-11-2002	94A09400 31	A60196	APR-60196	1	Regen Delay (Stocking)(Walkthrough)	D	06-08-2003	B	26.1	I	Sx	100			1318
25-11-2002	94A09400 31	A60196	APR-60196	1	Regen Delay (Stocking)(Walkthrough)	D	06-08-2003	C	10.8	I	Pli	100			1257
01-12-2000	94H00300 8	A60197	APR-60197	1	Regen Delay (Stocking)(Walkthrough)	D	04-08-2003	A	10.8	I	Sx	82	Pli	18	1340
01-12-2000	94H00300 8	A60197	APR-60197	1	Regen Delay (Stocking)(Walkthrough)	D	04-08-2003	B	8.9	I	Sx	82	Pli	18	1240
01-11-2001	94H01200 21	A60202	APR-60202	1	Regen Delay (Stocking)(Walkthrough)	D	31-08-2003	A	10.8	I	Pli	72	Sx	28	1323
01-11-2001	94H01200 21	A60202	APR-60202	1	Regen Delay (Stocking)(Walkthrough)	D	31-08-2003	B	57.3	I	Pli	72	Sx	28	1307
13-03-2003	94H02200 21	A60206	APR-60206	1	Regen Delay (Stocking)(Walkthrough)	D	23-07-2003	A	17.4	I	Sx	79	Pli	21	1171
13-03-2003	94H02200 21	A60206	APR-60206	1	Regen Delay (Stocking)(Walkthrough)	D	23-07-2003	B	7.1	I	Sx	83	Pli	17	1080
18-12-2002	94H02200 20	A60207	APR-60207	1	Regen Delay (Stocking)(Walkthrough)	D	27-07-2003	A	39.6	I	Sx	100			1363
10-01-2002	94B03000 109	A61903	APR-61903	1	Regen Delay (Stocking)(Walkthrough)	D	07-08-2003	A	6	I	Pli	100			1111
10-01-2002	94B03000 109	A61903	APR-61903	1	Regen Delay (Stocking)(Walkthrough)	D	07-08-2003	B	8.1	I	Pli	100			1367
01-01-2002	94A07000 11	A67805	APR-67805	1	Regen Delay (Stocking)(Walkthrough)	D	03-08-2003	A	6.2	I	Sx	100			1375

Silvics Label

Harvest Start Date	Opening	Licence	Permit	Block Id	Activity Name	Status	Date	Stratum	Area	Layer	Species1	%Species 1	Species2	%Species 2	Well Spaced
01-01-2002	94A06000 13	A52313	APR-52313	2	Regen Delay (Stocking)(Walkthrough)	D	23-07-2003	1	18.6	S	Sx	100			1147
01-01-2002	94A06000 11	A52313	APR-52313	1	Regen Delay (Stocking)(Walkthrough)	D	22-07-2003	1	31	S	Sx	100			1187
20-11-2001	94H01200 20	A54844	APR-54844	1	Regen Delay (Stocking)(Walkthrough)	D	04-08-2003	A	46.9	S	Pli	73	Sx	27	1170
05-01-2000	94A05500 34	A59302	APR-59302	1	Regen Performance Survey	D	06-07-2003	A	26.2	S	At	61	Act	35	2170
05-01-2000	94A05500 34	A59302	APR-59302	1	Regen Performance Survey	D	06-07-2003	B	10.2	S	At	70	Act	18	550
05-01-2000	94A05500 34	A59302	APR-59302	1	Regen Performance Survey	D	06-07-2003	C	18.7	S	Pli	58	Sx	42	1107
25-11-2002	94A09400 31	A60196	APR-60196	1	Regen Delay (Stocking)(Walkthrough)	D	06-08-2003	A	12.1	S	Pli	100			1117
25-11-2002	94A09400 31	A60196	APR-60196	1	Regen Delay (Stocking)(Walkthrough)	D	06-08-2003	B	26.1	S	Sx	100			1153
25-11-2002	94A09400 31	A60196	APR-60196	1	Regen Delay (Stocking)(Walkthrough)	D	06-08-2003	C	10.8	S	Pli	100			1086
01-12-2000	94H00300 8	A60197	APR-60197	1	Regen Delay (Stocking)(Walkthrough)	D	04-08-2003	A	10.8	S	Sx	82	Pli	18	1180
01-12-2000	94H00300 8	A60197	APR-60197	1	Regen Delay (Stocking)(Walkthrough)	D	04-08-2003	B	8.9	S	Sx	82	Pli	18	1160
01-11-2001	94H01200 21	A60202	APR-60202	1	Regen Delay (Stocking)(Walkthrough)	D	31-08-2003	A	10.8	S	Pli	72	Sx	28	1138
01-11-2001	94H01200 21	A60202	APR-60202	1	Regen Delay (Stocking)(Walkthrough)	D	31-08-2003	B	57.3	S	Pli	72	Sx	28	1163
13-03-2003	94H02200 21	A60206	APR-60206	1	Regen Delay (Stocking)(Walkthrough)	D	23-07-2003	A	17.4	S	Sx	79	Pli	21	1100
13-03-2003	94H02200 21	A60206	APR-60206	1	Regen Delay (Stocking)(Walkthrough)	D	23-07-2003	B	7.1	S	Sx	83	Pli	17	960
18-12-2002	94H02200 20	A60207	APR-60207	1	Regen Delay (Stocking)(Walkthrough)	D	27-07-2003	A	39.6	S	Sx	100			1141
10-01-2002	94B03000 109	A61903	APR-61903	1	Regen Delay (Stocking)(Walkthrough)	D	07-08-2003	A	6	S	Pli	100			933
10-01-2002	94B03000 109	A61903	APR-61903	1	Regen Delay (Stocking)(Walkthrough)	D	07-08-2003	B	8.1	S	Pli	100			1200
01-01-2002	94A07000 11	A67805	APR-67805	1	Regen Delay (Stocking)(Walkthrough)	D	03-08-2003	A	6.2	S	Sx	100			1175

Appendix 8: Summary of Non-Compliances Reported

Non-Compliances Reported to MoF

Period from January 1, 2003 to March 31, 2004

Agency ID	Incident Code	Incident Date	Tenure ID	Permit/ Block	Location	Discovered By	Date Report Prepared	Date Reported to Agency	Agency Report to:	Status	Act	Section	Enforcement Action	Fine amount	Determination Date	Issue Description
	ITS-FN2002-CM0002	15-10-2002	A18154	305/3	Bluegrave Creek	CFP	30/05/2003	19/03/2003	MOF	Open						In the fall of 2002 ISS surveyed CP 305 Blk 3 for freegrowing and reported a 5.2ha non free growing strata
	ITS-FN2003-CM0026	07-06-2003	A18154	622/7	Jedney	CFP	17/06/2003	07-03-2003	MOF	Open						Darren Adams Contracting while operating a Donaren mounder in CP 622-7 made one pass within a wildlife tree patch.
	ITS-FN2003-CM0028	04-07-2003	All	N/A	Peace	CFP	07-04-2003	20/06/2003	MOF	Open						Potential non-compliance to FSJPPR section 46 (2) (b). Failure to publish PAG membership.
DJO-2003-008	ITS-FN2003-CM0029	04-07-2003	A18154	319-9 306-3 R01837	East Graham	Agency - MOF	16/07/2003	07-11-2003	MOF	Open						Road Inspection Report dated July 11 by John Norrish of MoF identified concerns with erosion and sediment transport related to deactivated roads in CP 319. Concerns were identified in areas of semi permanent deactivation (points A,B,C,D in insp report). These areas presented difficulties in finalizing deactivation in winter conditions and were delayed to summer to allow better construction of structures. At 319-2 cross ditches failed and some sediment transport occurred (point I in insp report). At 319-13 there was a small cutslope failure that moved into the cross ditch settling pond with a resulting failure of the settling pond. Other concerns were noted in John's report but based on a joint inspection do not appear to qualify as issues. On Nov 14 2003 a letter was received and later a report detailing a number of alleged non compliances and indicating that a determination would be made with a potential fine of approx. $9000 and an offer for an Opportunity to be Heard
	ITS-FN2004-CN0002	13/01/2004	A18154	R13678	Donnie Creek	CFP	02-03-2004	29/01/2004	MOF	Closed	FPC	67(1)		No Action		Operator cleared snow along a seismic "shoo-fly" not included in the road permit. In the process snow was removed over an S6 stream.

Agency ID	Incident Code	Incident Date	Tenure ID	Permit/ Block	Location	Discovered By	Date Report Prepared	Date Reported to Agency	Agency Report to:	Status	Act	Section	Enforcement Action	Fine amount	Determination Date	Issue Description
	ITS-FN2004-CN0011	11-02-2004	A18154	R09965	Trutch	CFP	03-11-2004	29/03/2004	MOF	Open						Buerkert Contracting in process of clearing a road right of way proceeded to cut a right of way landing and cleared a path(5m wide) thorough the trees to the edge of a moose lick. On realizing the lick was there they then proceeded to a different location to create the landing. The moose lick edge was approx 30.5 meters from the road centerline. The mainline clearing edge was approx 22meters from the lick. The lick was represented by a symbol on the map that appeared to be approx. 60meters from the centerline.
	ITS-FN2003-CM0040	15/07/2003	A59959	354	East Graham	CFP	15/10/2004	15/10/2004		Open						Seedlot planted up to 80m above the upper elevation limit of the seedlot.

Non-Compliances Reported to MWLAP

Period from January 1, 2003 to March 31, 2004

Agency ID	Incident Code	Incident Date	Tenure ID	Permit/ Block	Location	Discovered By	Date Report Prepared	Date Reported to Agency	Agency Report to:	Status	Act	Section	Enforcement Action	Fine amount	Determination Date	Issue Description
	ITS-FN2003-CM0031	15-08-2003	N/A	N/A	Peace	CFP	09-02-2003	15/08/2003	MWLAP	Closed			No Action			Container of pesticide (115L) with approx 25L remaining in the container was transported from one five tonne mix truck to another approx. 100 km secured in the back of a pickup contrary to Section 7.1 of the Canfor FSJ PMP.
	ITS-FN2003-CM0034	20-10-2003	N/A	N/A	Peace	CFP	12-05-2003	27/11/2003	MWLAP	Closed			No Action			Broken hose clamp on a coolant hose. Antifreeze coolant spill

Appendix 9: Glossary

Glossary

AAC (Allowable Annual Cut)

The annual rate of timber harvesting specified for an area of land by the Chief Forester of the BC Ministry of Forests. The Chief Forester sets AAC's for timber supply areas (TSA's) and Tree Farm Licences (TFL's) in accordance with Section 8 of the *Forest Act*.

Abiotic

Not of biological origin (see biotic), e.g., windthrow, forest fires, flooding.

Access Management

The planning, construction, maintenance, use and deactivation of all roads. May also refer to approved methods of restricting access to certain areas to protect other values.

Access Structure

A structure within a cutblock that
(a) is either a permanent access structure or a temporary access structure, and
(b) was constructed for facilitating the harvesting of timber within the cutblock.

Accumulations

Term used in reference to waste calculations on post harvested areas. It measures the amount of waste in areas that have been piled and accumulated along the road or on a landing.

Act

The *Forest Practices Code of British Columbia Act*.

Adaptive Management

A learning approach to management that incorporates the experience gained from the results of previous actions into decisions. It is a continuous process requiring constant monitoring and analysis of the results of past actions that are used to update current plans and strategies.

Aerial Logging

Harvest method where the logs are carried (fully suspended) from the felling area to roadside or other decking area using some type of aircraft (usually helicopter).

Anthropogenic

Influenced by the impact of man on nature.

Archaeological Sites

Locations that contain physical evidence of post human activity for which the application of scientific methods of inquiry (i.e. survey, excavation, data analysis) are the primary source of information.

Audit

A planned independent and documented assessment to determine whether agreed upon requirements are being met.

BDU (Bone Dry Unit)

A unit of measurement that lumber mills use to measure the amount of byproduct wood chips they can produce. The byproduct chips are used in pulp mills to make paper, etc.

BEC (Biogeoclimatic Ecosystem Classification)

A hierarchical classification scheme having three levels of integration; regional, local and chronological; and combining climatic, vegetation and site factors. The hierarchical classification includes Biogeoclimatic Zone⇒ sub-zone ⇒ variant⇒ site series.

Biogeoclimatic Zone

A geographic area having similar patterns of energy flow, vegetation, and soils as a result of a broadly homogenous macroclimate. British Columbia has 14 biogeoclimatic zones.

Biogeoclimatic Variant

A subdivision of a biogeoclimatic subzone. Variants reflect further differences in regional climate and are generally recognized for areas slightly drier, wetter, snowier, warmer or colder than other areas in the subzone.

Biodiversity (or Biological Diversity)

Diversity of plants, animals and other living organisms in all their forms and levels of organization, including genes, species and ecosystems, and the evolutionary and functional processes that link them.

Biotic

Relating to living beings, or of biological origin (see abiotic), e.g., insect outbreak, disease.

Blue-listed Species

In British Columbia, the designation of an indigenous species, sub-species, or population as being vulnerable or at risk because of low or declining numbers or presence in vulnerable habitats. Included in this classification are populations generally suspected of being vulnerable, but for which information is too limited to allow designation in another category.

Boreal Forest

One of the nine major forest regions of Canada. Typical tree species found in the boreal forest are spruce, pine, aspen and birch.

Botanical Forest Products

Non-timber based products gathered from forest and range land. There are seven recognized categories: wild edible mushrooms, floral greenery, medicinal products, fruits and berries, herbs and vegetables, landscaping products, and craft products.

Cable Logging

Harvest method where the logs are pulled with the use of cables (fully suspended or dragging) from the harvest site to the decking area.

Category A Block

Blocks reviewed and approved in previous forest development plans.

Category I Block

Blocks included in the plan for public information purposes only, and not for official approval. Generally comments received on these blocks will be considered prior to submitting the blocks as proposed Category A blocks (i.e. requested for approval as Category A blocks).

CDC (Conservation Data Centre)

The British Columbia Conservation Data Centre (CDC) (see Blue-listed and Red-listed Species). The staff specialists at the CDC, in co-operation with scientists and specialists throughout the province, have identified those vertebrate animals, vascular plants and plant associations in the province, which have become most vulnerable. Each of these rare and endangered species and plant associations has been assigned a global and provincial rarity rank according to an objective set of criteria established by The Nature Conservancy of the United States, and a status on the provincial Red or Blue lists.

Certification

A system of rules or procedures acknowledging conformance to a standard.

CMT (Culturally Modified Tree)

A culturally modified tree (CMT) is a tree that has been altered by native people as part of their traditional use of the forest. Non-native people also have altered trees, and it is sometimes difficult to determine if an alteration (modification) is of native or non-native origin. There are no reasons why the term "CMT" could not be applied to a tree altered by non-native people. However, the term is commonly used to refer to trees modified by native people in the course of traditional tree utilization.

Coarse Woody Debris

Sound and rotting logs and stumps that provide habitat for plants, animals and insects and, are a source of nutrients for soil development.

Community

A group of people living in the same locality and under the same government, a group of people having similar or common interests.

Coniferous

Cone bearing evergreen trees or shrubs, usually with needle-shaped or scale-like leaves. The wood of coniferous trees is known as softwood (e.g. pine, fir and spruce).

Coniferous Stands

Those forest stands in which the most predominant trees by volume are coniferous trees. Deciduous trees such as aspen and birch may be present, but are less abundant than the coniferous trees.

An area where, at rotation age, the coniferous trees, collectively, represent a minimum of 80% of the volume of timber on the area.

Conventional Logging

Harvest method where the logs are pulled using rubber tired skidders or other ground based machines to a roadside decking area, where the logs are loaded onto trucks and transported to the mill.

Conservation

The controlled use and systematic maintenance, enhancement, restoration and/or protection of natural resources, such as forests, soil, and water systems for present and future generations.

Conserve

To protect from permanent loss or irreparable harm, to use carefully or sparingly.

Consistent

Not in material conflict.

Co-operative

A willingness and ability to work with others.

Coordinated Resource Management Plan

A group of management plans dealing with coordinating range resource developments on range tenure areas with other resource users.

COSEWIC

The Committee on the Status of Endangered Wildlife In Canada (COSEWIC) determines the national status of wild Canadian species, sub-species and separate populations suspected of being in danger. It bases its decisions on the best up-to-date scientific information available.

Crop Tree

A healthy tree that is of a species that is:

(a) ecologically suitable for the site, and

(b) commercially valuable.

Cubic Metre (m^3)

A measure of standing timber volume, based on solid wood 1 metre x 1 metre x 1 metre. A typical merchantable coniferous tree would have approximately 0.45 to 0.5 cubic metres per tree, although some large trees can exceed 2.0 metres per tree.

Cultural Heritage Resources

An object, a site or the location of a traditional societal practice that is of historical, cultural or archaeological significance to British Columbia, a community or an aboriginal people.

Cutblock

A specific area of land

(a) identified in a forest development plan, forest operations schedule or a site plan for areas where timber harvesting is to be carried out,

(b) identified in a site plan for any of the following areas that are to be reforested:

  (i) an area where a contravention of section 96 of the Act has occurred;

  (ii) an area that has been naturally disturbed;

  (iii) a backlog area;

(c) identified in a site plan for areas where silviculture treatments on well-growing stands are to be carried out, and

(d) referred to in paragraph (a), (b) or (c) that the district manager has exempted the participant from the requirement to prepare the forest development plan or site plan as the case may be.

Cut to Length Harvesting

A harvesting method that uses special low ground pressure equipment. The same piece of machinery (harvester) cuts the tree and then bucks it into predefined lengths. A forwarder then brings these pieces to roadside or the landing.

Data

Factual information, especially information organized for analysis or used to reason or make decisions; values derived from scientific experiments.

Deactivation

A term used to describe the process of restoring drainage on roads that are not currently being used. Through the use of ditches across the road surface (perpendicular to the road), water is channeled off the road.

Deciduous

Trees or shrubs, commonly broad leafed, that shed their leaves annually. The wood of deciduous trees is known as hardwood (e.g. aspen).

Deciduous Stand

An area where, at rotation age, the deciduous trees, collectively, represent a minimum of 80% of the volume of timber on the area.

DFA (Defined Forest Area)

A specific area of land, forest and water delineated for the purposes of registration of a Sustainable Forest Management system.

Dispersed

Term used in reference to waste calculations on post harvested areas. It refers to the amount of waste not associated with the road or landing systems (i.e. in the cutblock).

Disturbance

A discrete force that causes significant change in structure and/or composition through natural events such as fire, flood, wind, or earthquake; mortality caused by insect or disease outbreaks or by human-caused events such as the harvest of the forest. Disturbances can occur at very small scales or large scales.

ECA (Equivalent Clearcut Area)

Equivalent clearcut area (ECA) is the area that has been harvested, cleared or burned, with consideration given to the silvicultural system, regeneration growth, and location within the watershed. ECA and road density are the two primary factors considered in an evaluation of the potential effect of past and proposed forest harvesting on peak flows.

Ecosystem

A community of animals, plants and bacteria and its interrelated physical and chemical environment.

Ecosystem Management

A management system which recognizes and incorporates the natural variability of an ecosystem and attempts to emulate these responses with man-made disturbance while managing forests for a range of values.

EMS (Environmental Management System)

An Environmental Management System is a set of standards established by the International Organisation for Standardization (ISO 14001). This process includes commitment, public participation, preparation, planning, implementation, measuring and assessing performance, and review and improvement of a management system. The incorporation of feedback loops into the process allows for ongoing enhancement of the integrity and performance of the management system, and is designed to lead to continual improvement.

Endemic

A disease or organism that is consistently present, but populations are generally not increasing.

Ensure

To make sure or certain of an outcome.

Evenaged

Term given to areas of timber where the tree species are all approximately the same age (+/- 20 years).

Facilitate

To make easier, applied typically to discussion between parties with varying views.

FDP (Forest Development Plan)

An operational plan guided by the principles of integrated resource management (the consideration of timber and non-timber values), which details the logistics of timber development over a period of usually five years. Methods, schedules, and responsibilities for accessing, harvesting, renewing, and protecting the resource are set out to enable site-specific operations to proceed.

Fisheries-Sensitive Zone

A flooded depression, pond or swamp, that

(a) either perennially or seasonally contains water, and

(b) is seasonally occupied by a species of fish listed in the definition of "fish stream" in the Operational Planning Regulation,

but does not include a wetland or lake that has a riparian management area established under Part 8 of the Operational Planning Regulation, Schedule C of the Pilot Regulation, or a stream.

Forage

Vegetation that is suitable as food for wildlife or domestic animals - may refer to an area where this vegetation occurs in abundance.

Forest Cover Type

A stand of trees that have very similar characteristics. Most often grouped together according to tree species, age, and size.

Forest Fragmentation

A process whereby large contiguous forest patches are transformed into one or more smaller patches surrounded by disturbed areas. Fragmentation occurs naturally by fire, disease, wind and insect attack.

Forest Licence

A volume based tenure awarded by the BC Provincial Government which sets out an annual allowable cut a company is allowed to harvest from a specific timber supply area, as well as commitments the company must make, such as operating a manufacturing facility continuously, reforesting cutblocks to government approved standards, payments to the government, etc. Failure to harvest the minimum amount of timber can result in loss of all or a portion of the allowable cut.

Forest Practice

Timber harvesting, road construction, road maintenance, road use, road deactivation, silviculture treatment, botanical forest product collecting, grazing, hay cutting, fire use and fire control and suppression.

FPC (Forest Practices Code)

The Code is a term commonly used to refer to the Forest Practices Code of BC Act, the regulations made by Cabinet under the act and the standards established by the Chief Forester. The term may sometimes be used to refer to field guides as well. It should be remembered that unlike the act, the regulations and standards, field guides are not legally enforceable.

Forest Resources

Resources and values associated with forests and range including timber, water, wildlife, fisheries, recreation, botanical forest products, forage and biological diversity.

Forest Stand

An area of forest that is distinct from the surrounding forest by reason of some combination of topography, species composition, age or other feature.

Fort St. John LRMP

The Fort St. John Land and Resource Management Plan approved by government on October 8, 1997 and as amended from time to time.

Free Growing

Young trees that are as high or higher than competing brush vegetation with one metre of free-growing space surrounding their leaders. As defined by legislation, a free growing crop means a crop of trees, the growth of which is not impeded by competition from plants, shrubs or other trees. Silviculture regulations further define the exact parameters that a crop of trees must meet, such as species, density and size, to be considered free growing.

GIS (Geographic Information System)

Computer systems designed to allow users to collect, manage, and analyze large volumes of spatially referenced information and associated attribute data.

Goal (as applied to CCFM Criteria and Critical Elements)

A broad, general statement that describes a desired state or condition related to one or more forest values.

Grade "Z"

A firmwood reject log where (i) heart rot or hole runs the entire length of the log and the residual collar of the firmwood constitutes less than 50% of the gross scale of the log, (ii) rot is in the log and the scaler estimates the net length of the log to be less than 1.2 m, or (iii) sap rot or charred wood exists and the residual firmwood is less than 10 cm in diameter at the butt end of the log (b). That portion of a log that is less than 10 cm in diameter or that portion of a slab that is less than 10 cm in thickness.

Green Attack

Term given to trees that have been attacked by insects but have not yet shown signs of mortality. Usually occurs at the early stage of attack.

Greened-up

A cutblock that supports a stand of trees that has attained the green-up height specified in a higher level plan for the area, or in the absence of a higher level plan for the area, has attained a height that is 3 m or greater. Also, if under a silviculture prescription, meets the stocking requirements of that prescription, or if not under a silviculture prescription, meets the stocking specifications for that biogeoclimatic ecosystem classification specified by the Regional Manager.

Habitat

An area in which a plant or animal naturally lives, part of a broader unit such as the ecosystem.

Harvested Area

The area within a cutblock, other than that which is occupied by permanent access structures, where timber harvesting has occurred.

Herbaceous

A plant that remains soft and does not develop woody tissue.

Herbicide

A controlled product used solely to control or manage weeds.

Higher Level Plan

Government approved plans that provide strategic context for operational plans that determine the mix of forest resources to be managed in a given area.

Hydrology

The science of the waters of the earth, water properties, circulation, principles and distribution.

Hygric

Term used to describe soils that receive an abundant input of water in the form of soil seepage.

Indicator (as applied to CCFM Criteria and Critical Elements)

A measurable variable used to report progress toward the achievement of a goal.

Indicator Species

Species chosen for their ecological, social and economic attributes to monitor habitat supply over time. Based on the LRMP, provincial and federal endangered species lists, the Identified Wildlife Guide and input from the PAC Canfor has selected the following indicator species: grizzly bear, marten, fisher, wolverine, moose, elk, caribou, mountain goat, Blackthroated Green Warbler, Northern Goshawk, Trumpeter Swan and Three-toed Woodpecker.

Or, in a silviculture prescription, species of plants used to predict site quality and characteristics.

Interior Forest Habitat

Areas generally greater than 600 metres wide which now, or will in the future have continuous forest stand conditions which are relatively consistent. Important because some wildlife species require these larger forested areas to thrive.

IWMS (Identified Wildlife Management Strategy)

Those species at risk that the Deputy Minister of Environment, Lands and Parks or a person authorized by that Deputy Minister, and the Chief Forester, agree will be managed through a higher level plan, wildlife habitat area or general wildlife measure.

Known

When used to describe a feature, objective or other thing referred to in this regulation as known, means a feature, objective or other thing that is:

(a) contained in a higher level plan, or

(b) otherwise identified or made available to a participant by the district manager or designated environment official at least 4 months before the forest development plan, forest operations schedule or site plan for the area was prepared.

Land and Resource Use Planning

The sub-regional integrated resource planning process for British Columbia. LRMP considers all resource values and requires public participation, interagency co-ordination and consensus building in land and resource management decisions.

Landscape

A large area encompassing a wide diversity of adjacent landforms, land cover, habitats and ecosystems.

Landscape Level Strategy

Those activities that are required to be undertaken in order to achieve forest management objectives identified in a sustainable forest management plan.

Landscape Unit (LU)

A planning area delineated according to topographic or geographic features such as a watershed or series of watersheds and, as designated by a district forest manager *(from: Biodiversity Guidebook, September 1995).*

Linear Developments

Manmade features which extend in a linear manner, e.g. roads, seismic lines or pipelines.

Long Run Sustained Yield (LRSY)

The maximum biological capacity of the land base with no recognition of items such as Non Recoverable Losses.

Long-term

At a minimum, twice the period in years of the average life expectancy of the predominant tree species up to a maximum of 300 years.

Long Term Harvest Level (LTHL)

The level at which harvest can occur given management assumptions and rate of harvest. In contrast to LRSY, LTHL takes into account Non Recoverable Losses.

Machine Free Zone

Areas within a cut block that forestry equipment may not enter. These are usually associated with streams and wetlands, and are established to prevent soil disturbance and erosion.

Manage

To handle or direct with a degree of skill; to treat with care; to exercise executive, administrative, and supervisory direction.

Managing Participant

The participant that manages tenures within the pilot project on behalf of another participant(s).

Mean Annual Increment (MAI)

The average annual increase in volume of individual trees or stands up to the specified point in time. The MAI changes with different growth phases in a tree's life, being highest in the middle years and then slowly decreasing with age. The point at which the MAI peaks is commonly used to identify the biological maturity of the stand and its readiness for harvesting.

Merchantable

At or above minimum specific timber values (i.e. diameter, age and height).

Mesic

Term used to describe soil moisture. This refers to sites on which the moisture conditions experienced by plants are primarily under the control of the local climate, with no excessive influx of moisture due to slope position or soil conditions.

Mfbm

A measure of lumber produced - a thousand foot board measure. A board foot is 12 inches x 12 inches x 1 inch in thickness. Approximately 240 board feet of lumber can be extracted from 1 cubic metre of timber, with wood chips being made from the edges.

Mixedwood Forest

Forests that include deciduous and/or coniferous species at landscape and/or site levels over time. These forests occur in compositions ranging from intimate mixtures of coniferous and deciduous species to irregular groupings of discrete species in a patchwork distribution.

Mixedwood Management

A forest management system that incorporates strategies to maintain a deciduous and coniferous component in the forest over time.

Mixedwood Stand

An area where, at rotation age,
(a) the coniferous trees, collectively, and
(b) the deciduous trees, collectively,
each represents a minimum of 20% of the volume of timber on the area.

Modified Shelterwood

A shelterwood system designed to protect an existing established understorey stand while removing most or all of the overstorey stand.

MoF (Ministry of Forests)

Provincial government ministry responsible for the management and protection of the province's forest and range resources for the best balance of economic, social, and environmental benefits to British Columbia.

Monitoring

The process of checking, observing and measuring outcomes for key variables or **specific** ecological phenomena against a predefined qualitative objective or standard.

NAR (Net Area to be Reforested)

The area under a Silviculture Prescription that will be reforested. This excludes areas occupied by permanent roads, areas incapable of growing a stand of trees (rock, wetland etc.), and reserves. This may include areas that did not contain a commercial stand of trees, but because it is capable of growing a stand of trees, will be reforested. See also harvested area.

Natural Disturbance Types (NDT)

Characterize areas with different natural disturbance regimes. Natural stand initiating disturbances are those processes that largely terminate the existing forest stand and initiate secondary succession in order to produce a new stand. Native species have adapted to the historical extent and distribution of these events, so timber harvesting patterns which approximate the patch sizes and distribution of natural disturbances are desirable. The boreal forest is in the NDT 3, which is characterized primarily by very large fires, often hundreds or thousands of hectares in size.

Naturally Disturbed Area

An area where timber has been damaged or destroyed by causes other than harvesting.

Net Forest Landbase

That portion of the land that can potentially produce commercial forests. It includes both mature forests, immature and new forests, and potentially productive land which presently does not have forests established.

Non-harvestable Land Base

Area not considered part of the timber harvesting land base. This would include areas excluded from contributing to timber supply during the TSR process, such as parks, riparian areas, inaccessible areas, inoperable areas, non-merchantable forest types, low productivity sites, recreation features, and environmentally sensitive areas.

Non Recoverable Losses (NRL's)

Losses of timber due to fire, insects or windfall that are either too small or too inaccessible to be retrieved for lumber production.

Objective (as applied to CCFM Criteria and Critical Elements)

A clear, specific statement of expected quantifiable results to be achieved within a defined period of time related to one or more goals. An objective is often stated as a desired level of an indicator.

Note: In the context of the Forest Practices Code, objective is a statement of management direction applied to forest resources.

OGMA (Old Growth Management Area)

Defined in the Forest Practices Code of British Columbia Act Operational Planning Regulation as an area established under a higher level plan which contains or is managed to replace structural old growth attributes.

Old growth forests on BC's coast are characterized by the following:

1. Two or more tree species of variable sizes and spacing;
2. Large live trees;
3. Patchy understorey;
4. A deep, multi-layered crown canopy with gaps;
5. Standing dead trees (snags) and coarse woody debris of variable sizes.

Old Growth

A climax forest that contains live and dead trees of various sizes, species, composition and age class structure. The age and structure of old growth forests varies significantly by forest type and from one biogeoclimatic zone to another *(from: Biodiversity Guidebook, September 1995)*.

Operational Plan

A plan describing the logistics for forestry development. Methods, schedules and responsibilities for accessing, harvesting, renewing and protecting the resource are set out to enable site specific operations to proceed. Includes Forest Development Plans, Access Management Plans, Range Use Plans Silviculture Prescriptions and Stand Management Prescriptions.

OPR (Operational Planning Regulations)

Participant

The BCTS program or a major forest tenure holder who has consented in writing to take part in the pilot project. Currently this includes those listed in Section 2.1 of this SFMP.

Performance Indicator

A measurable variable used to report progress toward the achievement of a goal.

Permanent Access Structure

A road, landing, logging trail, pit, quarry or other similar structure in a cutblock that

(a) is constructed by a participant or holder of a minor timber sale licence and is
   (i) required to be used for timber harvesting or other forest management activities and whose use will continue long enough to prevent the production of a commercial crop of trees on the area occupied by the structure that will be harvestable concurrently with the crop of adjacent trees, or
   (ii) either constructed through material that is not suitable, or contains materials that are not suitable, for use in carrying out the soil rehabilitation treatments necessary to grow a commercial crop of trees, or

(b) was constructed by a person other than a participant or holder of a minor timber sale licence.

Pilot Project

For the purposes of this proposal, means the Fort St. John Forest Practices Pilot Project authorized under Section 221.1, *Forest Practices Code Act* and approved by the Government of British Columbia.

Preferred and Acceptable Species

Preferred and acceptable tree species are those commercial tree species that are suited to the growing conditions of the site, and are identified in the Silviculture Prescription.

Prescribed Broadcast Burning

Term given to the act of burning a large area (i.e. harvested cutblock) to minimize the amount of slash or reduce the fire hazard thus allowing a better area for planting.

Proposed Roads

Planned roads that have not been previously approved in a forest development plan.

Protected Area

An area protected by legislation, regulation, or land-use policy to control the level of human occupancy or activities.

Note: "Categories of protected areas include protected landscapes, national parks, multiple us management areas, and nature (wildlife) reserves" *(The State of Canada's Forests 2001/2002)*, also includes "sites of biological significance" (i.e. critical areas for wildlife habitat, sensitive sites, and unusual or rare forest conditions, as established according to scientific and traditional criteria).

Public Advisory Group

For the purposes of this proposal, means the group established under the Fort St. John Pilot Project Regulation to provide advice to the participants regarding the Sustainable Forest Management Plan and to review Pilot Project Annual Reports, and the results of Pilot Project audits.

Qualified Auditor

A person who is competent to assess compliance with this regulation.

Qualified Registered Professional

With respect to an activity for which this regulation requires a qualified registered professional, a person who

(a) has the education and experience that is appropriate to carry out the activity, and

(b) is a member of, or licensed by, a regulatory body in British Columbia that has the legislated authority to regulate its members or licensees carrying out the activity.

Quantify

To make explicit the logical quantity of; to determine, express or measure the quantity of.

Red-listed Species

In British Columbia, the designation of an indigenous species, sub-species, or population as endangered or threatened because of its low abundance and consequent danger of extirpation or extinction. Endangered species are any indigenous species threatened with imminent extinction or extirpation throughout all or a significant portion of their range in BC. Threatened species are any indigenous species that are likely to become endangered in BC if factors affecting that vulnerability are not reversed.

Reforest

To establish on a harvested area, a naturally disturbed area or a backlog area, as the case may be, within the reforestation period, a stand of crop trees that meets or exceeds the stocking requirements for the area; a well-growing stand in accordance with section 35 of the Pilot Regulations.

Reforestation Period

The period specified in a site plan within which an area must be reforested.

Regeneration Delay

The maximum time allowed in a prescription, between the start of harvesting in the area to which the prescription applies, and the earliest date by which the prescription requires a minimum number of acceptable well-spaced trees per hectare to be growing in that area.

Regional Director

A regional director employed in the Ministry of Water, Land and Air Protection.

Registered Seed

Seeds which are tested to standards for germination and quality, from a healthy source and ensures the uses of local seed sources.

Rehabilitate

To restore to a stable condition and to a condition that does not prevent the reforestation requirement from being met.

Resource Agencies

Any government agency, ministry or department having jurisdiction over a resource that may be affected by any activity or operation proposed under a higher level plan or plan required under this regulation.

Resource Management Zone

A land use designation category under the Forest Practices Code that establishes strategic objectives and special requirements to guide subsequent sub-regional, local and operational planning.

Resource Management Zone Objectives

Statements that apply to specific resource management zones and are derived by the LRMP working group to sustain or enhance identified resource values.

Riparian

In proximity to the edge of rivers, streams, lakes and wetlands.

Riparian Assessments

The evaluation of watercourses or wet areas to determine if they meet the forest practices code requirements as a stream, and if so, whether they are fish bearing or not. Management requirements for reserve zones and management zones depend on the assessed fisheries values and size of the stream.

Riparian Classes

Determined from riparian assessments, streams are classified as follows: S1- fish bearing >20 metres wide; S2 fish bearing 5-20 m wide; S3 fish bearing 1.5 to 5 metres wide; S4 fish bearing < 1.5 metres wide; S5 not fish bearing; >3 metres wide; S6 not fish bearing < 3 metres wide.

Riparian Management Area

An area of a width determined in accordance with Schedule C of the Pilot Regulations that

(a) is adjacent to a stream or wetland or a lake with a riparian class of L3, and

(b) consists of a riparian management zone and, depending on the riparian class of the stream, wetland or lake, a riparian reserve zone.

Riparian Management Zone

An area adjacent to a stream, wetland or lake where constraints to forest practices apply for the purpose of maintaining the integrity of the stream, wetland or lake and associated wildlife habitat.

That portion of the riparian management area that is outside of any riparian reserve zone, or if there is no riparian reserve zone, that area located adjacent to a stream, wetland or lake of a width determined in accordance with Schedule C of the Pilot Regulations.

Riparian Reserve Zone

An area adjacent to a stream, wetland or lake, within the Resource Management Zone, where no logging may occur.

That portion, if any, of the riparian management area or lakeshore management area located adjacent to a stream, wetland or lake of a width determined in accordance with Schedule C of the Pilot Regulations.

Road Deactivation

The process of modifying an existing road which will not be used for a period of time to minimize access and environmental effects through such measures as water bars, removing bridges and culverts, reseeding with grass or trees, or rollback of slash onto the running surface. The extent of road deactivation is determined by the amount of time the road is not required for use, and the potential risks to the environment posed by the road.

ROS (Recreation Opportunity Spectrum)

A recreation opportunity is the availability of choice for someone to participate in a preferred recreation activity within a preferred setting and enjoy the desired experience.

Rotation

Broadly, the time needed from regeneration of a crop of trees through to harvestable timber. Can be classified under financial, technical, biological or ecological parameters.

Scale

Defined on the basis of elements such as size, shape and distribution of ecosystem components.

Selection Silviculture System

A silviculture system that removes mature timber either as single scattered individuals or in small groups at relatively short intervals repeated indefinitely, where the continual establishment of regeneration is encouraged and an uneven-aged stand is maintained. As defined in the Code's Operation Planning Regulation, group selection removes trees to create openings in a stand less than twice the height of mature trees in the stand.

Sequential Clustered Development

The scheduling of operable timber into groups of neighbouring blocks with a single access route, usually within a subdrainage, with each group being developed in sequence over the full harvest cycle. A one pass, one entry harvesting system which concentrates harvesting, thereby minimizing the amount of new access being created, and reducing the amount of forest fragmentation.

Seral Stages

The stages of ecological succession of a plant community over time.

Shelterwood Silviculture System

A silviculture system in which trees are removed in a series of cuts designed to achieve a new even-aged stand under the shelter of remaining trees.

Siltation

The act of introducing foreign substances into a stream or wetland. Usually comes as a result of eroding stream banks.

Silviculture

The art, science and practice of controlling the establishment, composition, health, quality and growth of vegetation of forest stands.

Silviculture Prescription

A site-specific operational plan or site plan that prescribes the nature and extent of timber harvesting and silviculture activities that are designed to achieve desired forest management objectives including reforestation of a free growing stand to specified standards.

Site Degradation

Productive forest land significantly degraded or permanently lost to forest production.

Site Index

An expression of the forest site quality of a stand, at a specified age, based either on the site height, or on the top height (height of the largest diameter tree on a 0.01 ha plot, providing the tree is suitable), which is a more objective measure (FP Code). The measure of the relative productive capacity of a site for a particular tree species, based on height at a given reference or base age (50).

Site Plan

A plan describing the logistics for forestry development prepared under the Fort St. John Pilot Project regulation, but excluding Forest Development Plans. Includes silviculture prescriptions, stand management prescriptions, road deactivation prescriptions, road layout and design and road deactivation prescriptions.

Site Series

Variation in site conditions encountered within a biogeoclimatic unit is accommodated within the site classification of BEC. The site series describes all land areas capable of supporting specific climax vegetation. This can usually be related to a specified range of soil moisture and nutrient regimes within a subzone or variant, but sometimes other factors, such as aspect or disturbance history, are important determinants as well. A classification of site series for most of the biogeoclimatic units of the province has been developed by the BC Ministry of Forests and is presented in regional field guides.

SFM (Sustainable Forest Management)

Small Business Forest Enterprise Program

The government program administered by the Ministry of Forests that facilitates the entering into agreements under the *Forest Act* that generate small business forest enterprise revenue.

SMZ (Special Management Zone)

The Fort St John LRMP has Special Management Zones based on major resource values to be given a high priority in land and resource planning and development. Resource development is permitted but must consider and address all significant values identified. SMZ include wildlife habitat and wilderness recreation, major river corridors, and culture and heritage.

Snag

Standing dead tree or part of a dead tree.

Soil Disturbance

The portion of the harvested area where

(a) the area has been altered by timber harvesting or related forest practices, and

(b) that alteration inhibits reforestation of the area.

Spatial

Pertaining to the physical size, location, pattern and distribution.

Spatial Distribution

The distribution of openings over a landscape, usually in reference to natural disturbance patterns, or to logging. Logging that mimics the natural spatial distribution of natural disturbance patterns is considered to minimize long term effects on wildlife and ecosystems.

Stakeholder

Individual, organization or other entity concerned with or by management activities on a given forest area.

Stand Level

The level of forest management at which a relatively homogeneous land unit can be managed under a single prescription, or set of treatments, to meet well-defined objectives.

Stocking Requirements

For an area under a site plan, the stocking requirements specified in the site plan for that area.

Strategic

Broad scope using generalities, not specifics.

Stub Trees

Snags or live trees that are cut off during harvesting at heights of 3 to 5 metres by feller bunchers, to provide vertical structure and coarse woody debris for wildlife use in the new forest.

Stumpage

Price charged for the right to harvest timber from publicly owned forest land.

Sustainability

The ability of an ecosystem to maintain ecological processes and functions, biological diversity, and productivity over time. Applied more broadly, the ability of society to maintain a balance of economic, social and ecological values over time.

Sustainable Forest Management

Management to maintain and enhance the long-term health of forest ecosystems, while providing ecological, economic, social and cultural opportunities for the benefit of present and future generations.

Temporary Access Structure

An access structure, the area under which will be reforested.

Terrain Stability Map

Terrain mapping is a method to categorize, describe and delineate characteristics and attributes of surficial materials, landforms, and geological processes within the natural landscape. Terrain stability mapping is a method to delineate areas of slope stability with respect to stable, potentially unstable, and unstable terrain within a particular landscape. Terrain stability map polygons indicate areas or zones of initiation of slope failure.

Timber

Timber means trees, whether standing, fallen, living, dead, limbed, bucked or peeled (Forest Act)

Timber Harvesting Land Base

The portion of the total area of a management unit considered contributing to, and being available for, long-term timber supply. The harvesting land base is defined by reducing the total land base according to specified management assumptions.

Timber Supply Analysis

An assessment of future timber supplies over long planning horizons (more than 200 years) by using timber supply models for different scenarios identified in the planning process.

Timber Supply Area

An administrative boundary determined by the Ministry of Forests in which annual allowable cuts are determined, and from which timber harvesting rights may be awarded. Forest Licence A18154 provides harvesting rights only to timber within the Fort St. John timber supply area.

Timber Supply Review (TSR)

The timber supply review program regularly updates timber supply in each of the 37 TSA's and 34 TFL's areas throughout the province. By law, the Chief Forester must re-determine the AAC at least once every five years to ensure AAC's are current and reflect new information, new practices and new government policies.

TIPSY (Table Interpolation Projection Program For Stand Yields)

A program that interpolates data from TASS (tree and stand simulator) – a computer model that simulates the growth of individual trees and stands. This program is based on growth trends observed in fully stocked research plots growing in a relatively pest free environment. The yields will be very close to the potential of a specific site, species and management regime.

Topographic

The general configuration of the land surface, including relief and position of natural and man-made features.

Ungulate

A hoofed mammal (eg. deer, elk, moose, caribou).

Value (as applied to CCFM Criteria and Critical Elements)

A principle, standard, or quality considered worthwhile or desirable.

Vegetation Resources Inventory (VRI)

Vertical Structure

Those components of a forest which are vertically oriented, eg. live and dead trees of various heights and species.

"Vision"

A registered herbicide that targets annual and perennial weeds and hardwoods (grass, aspen birch, etc.) while leaving coniferous trees undamaged. The herbicide is the forestry version of "Roundup", which is used extensively on agricultural and urban areas for the control of grass and other vegetation.

Visual Quality Objective (VQO)

An approved resource management objective that reflects a desired level of visual quality based on the physical and sociological characteristics of the area; refers to the degree of acceptable human alteration to the characteristic landscape.

Watershed

An area drained by a particular stream or river. A large watershed may contain several smaller watersheds.

Waste

The volume of timber left on the harvested area that should have been removed in accordance with the minimum utilization standards in the cutting authority. It forms part of the allowable annual cut for cut-control purposes.

Waterbody

Any land covered by water.

Windfirm

Areas of forest that are able to withstand the effects of heavy gusts of wind.

Windthrow

A tree or trees uprooted by the wind.

Woodlot Licence

A licence issued by the Ministry of Forests to an individual or group to manage a specific area of Crown timber, plus any private forest land the individual or group owns.