BC Timber Sales Kamloops Business

Area

Kamloops and Clearwater Field Teams Pelltiq't Energy Group Ltd., A85122



THOMPSON RIVERS DISTRICT FOREST STEWARDSHIP PLAN

Submission Date: January 15, 2020

Table of Contents

B	C Timber	Sales Kamloops Business Area		
Ta	able of Co	ontents	i	
Li	st of Figu	ıres	ii	
Li	st of Tab	les	iii	
Li	st of Acro	onyms	iv	
Si	gnatures	s of Preparing Foresters and Person Required to Prepare Plan		
1.	Defir	nitions and Interpretation	1	
	1.1.	Definitions	1	
	1.2.	Definitions under Enactments	1	
2.	FSP [Dates and Term	2	
3.	Appli	icability of this FSP	2	
4.	Foro	rt Dovelonment Units	2	
4.		-		
	4.1.	2. Definitions under Enactments. 1 FSP Dates and Term 2 Applicability of this FSP 2 Forest Development Units. 2 1. Landscape Units as Forest Development Units. 2 2. FSP Map Layers. 4 3. Additional Items Identified in the FDU (Blocks and Roads). 4 Results or Strategies. 6 1. Soil Management and Conservation Objective. 6 5.2.1. Comunity Watersheds. 6 5.2.2. Water Objectives. 6 5.2.2. Water Licensees. 7 3. Lakeshore Management Objective. 8 5.3.1. Lakeshore Management Zones. 8 5.3.2. Waltri Licensees. 7 3. Lakeshore Management Zones. 8 5.3.2. Waltrin Lakes. 8 5.3.4. Riparian Areas Objective 9 5.4.1. Stream Riparian Classes 11 5.4.2. Wetland Riparian Classes 11 5.4.3. Lakeshore in a Riparian Management Zone 12 5.4.4.		
	4.2.	FSP Map Layers	4	
	4.3.	Additional Items Identified in the FDU (Blocks and Roads)	4	
5.				
	5.1.	Soil Management and Conservation Objective	6	
	5.2.	Water Objectives	6	
	5.2.1			
	5.2.2.	Water Licensees	7	
	5.3.	Lakashara Managamant Objectiva	o	
	-	·		
	-	·		
	5.5.			
	5.5.3.			
	5.5.4.	•		
	<i>5.6.</i> 5.6.1.	Recreation Objectives		
	5.6.1.			
	J.U.Z.	. Recreation and Tourism Zones		

5.7.	Wildlife Objectives	
5.7	7.1. General Wildlife Objectives	
5.7	7.2. Mule Deer Winter Range	
5.7	7.3. Moose	
5.7	7.4. Mountain Goat	
5.7	7.5. Flammulated Owl	
5.7	7.6. Lewis's Woodpecker	
5.7	7.7. Spotted Bat	
5.8.	Visual Objectives	22
	3.1. Visual Management in the "Headwaters Visual Zone"	
	3.2. Visual Management in "Kamloops Visual Zone"	
5.9.	Cultural Heritage Resources	
5.10.	Archaeological Assessments	
5.11.	Settlement Area Objectives	20
5.11.		
5.12.	Range	
6. Me	easures – Natural Range Barriers and Invasive Plants	
6.1.	Natural Range Barriers	
6.2.	Invasive Plants	
	- dia - Chandanda	22
7. Sto	ocking Standards	
	DIX A – Forest Stewardship Plan Maps	22
APPEND	IIX A - Forest Stewardshin Plan Mans	
	DIX B – Stocking Standards	34
	DIX B – Stocking Standards	34
APPEND B.1.	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance	34
APPEND <i>B.1.</i> B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio	
APPEND <i>B.1.</i> B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees	34 34 34 34 34 34
APPEND <i>B.1.</i> B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees 1.4. Mixed Wood Stocking Standards	34 34 34 34 34 34 34 34
APPEND <i>B.1.</i> B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees 1.4. Mixed Wood Stocking Standards	34 34 34 34 34 34 34 34
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees 1.4. Mixed Wood Stocking Standards 1.5. Broadleaf Stocking Standards	34 34 34 34 34 34 34 34 34
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees 1.4. Mixed Wood Stocking Standards 1.5. Broadleaf Stocking Standards 1.6. Regeneration Delay	34 34 34 34 34 34 34 34 34 35
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees 1.4. Mixed Wood Stocking Standards 1.5. Broadleaf Stocking Standards 1.6. Regeneration Delay 1.7. Maximum Density 1.8. White Pine	34 34 34 34 34 34 34 34 35 35 35 35
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees 1.4. Mixed Wood Stocking Standards 1.5. Broadleaf Stocking Standards 1.6. Regeneration Delay 1.7. Maximum Density 1.8. White Pine	34 34 34 34 34 34 34 34 35 35 35 35
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology.	34 34 34 34 34 34 34 34 35 35 35 35 35
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology Even Aged Stocking Standards	34 34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1. Minimum Inter-Tree Distance 1.2. Crop Tree/Brush Ratio 1.3. Characteristics of Retained Trees 1.4. Mixed Wood Stocking Standards 1.5. Broadleaf Stocking Standards 1.6. Regeneration Delay 1.7. Maximum Density 1.8. White Pine 1.9. Deviation From Potential Stocking Standards and Survey methodology. Even Aged Stocking Standards Uneven Aged Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1 B.1 B.1 B.1	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology Even Aged Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND B.1. B.1 B.1 B.1 B.1 B.1 B.1 B.	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology. Even Aged Stocking Standards Uneven Aged Stocking Standards Mixed Wood and Broadleaf Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND <i>B.1.</i> B.1 B.1 B.1 B.1 B.1 B.1 B.1 B.2. <i>B.3.</i>	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology <i>Even Aged Stocking Standards</i> Mixed Wood and Broadleaf Stocking Standards Footnotes for Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND B.1. B.1 B.1 B.1 B.1 B.1 B.1 B.	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology. Even Aged Stocking Standards Uneven Aged Stocking Standards Mixed Wood and Broadleaf Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND B.1. B.1 B.1 B.1 B.1 B.1 B.1 B.	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology <i>Even Aged Stocking Standards</i> Mixed Wood and Broadleaf Stocking Standards Footnotes for Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND B.1. B.1 B.1 B.1 B.1 B.1 B.1 B.	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology <i>Even Aged Stocking Standards</i> Mixed Wood and Broadleaf Stocking Standards Footnotes for Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 32 32 32 32 33 32 33 32 33 32 33 33 32 33 33
APPEND B.1. B.1 B.1 B.1 B.1 B.1 B.1 B.	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology Even Aged Stocking Standards Mixed Wood and Broadleaf Stocking Standards Mixed Wood and Broadleaf Stocking Standards Potnotes for Stocking Standards Partial Cutting Stocking Standards	34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 35 35 35
APPEND B.1. B.1 B.1 B.1 B.1 B.1 B.1 B.	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology <i>Even Aged Stocking Standards</i> Mixed Wood and Broadleaf Stocking Standards Footnotes for Stocking Standards Partial Cutting Stocking Standards 5.1 Assessment Procedures 5.2 Decision Rules	
APPEND B.1. B.1 B.1 B.1 B.1 B.1 B.1 B.	DIX B – Stocking Standards General Discussion 1.1 Minimum Inter-Tree Distance 1.2 Crop Tree/Brush Ratio 1.3 Characteristics of Retained Trees 1.4 Mixed Wood Stocking Standards 1.5 Broadleaf Stocking Standards 1.6 Regeneration Delay 1.7 Maximum Density 1.8 White Pine 1.9 Deviation From Potential Stocking Standards and Survey methodology Even Aged Stocking Standards Mixed Wood and Broadleaf Stocking Standards Footnotes for Stocking Standards Footnotes for Stocking Standards 5.1 Assessment Procedures 5.2 Decision Rules	34 35 35 35 35 35 36 130 131 132 133 134 136

List of Figures

assessing partial cut stands in Kamloops BCTS – Thompson Rivers District	3
Figure 3: Stocking decision flowchart13	5

List of Tables

2
4
10
11
11
24
25
33
34
36
130
131
132
135
tocking
136
tocking
137
ssessments.
137

List of Acronyms

- AOA Archeological Overview Assessment
- BA Basal Area
- BCTS BC Timber Sales
- BEC Biogeoclimatic Ecosystem Classification
- BG Bunchgrass Biogeoclimatic Zone
- CHR Cultural Heritage Resource
- DBH Diameter at Breast Height
- DFP Deviation From Potential
- **ESSF** Engelmann Spruce Subalpine Fir Biogeoclimatic Zone
- FDU Forest Development Unit
- **FG** Free Growing
- **FPPR** Forest Planning and Practices Regulation
- FRPA Forest and Range Practices Act
- FSP Forest Stewardship Plan
- HLP Higher Level Plan
- IAPP Invasive Alien Plant Program
- ICH Interior Cedar Hemlock Biogeoclimatic Zone
- **IDF** Interior Douglas-fir Biogeoclimatic Zone
- LRMP Land and Resource Management

- LRUP Local Resource Use Plan
- **MS** Montane Spruce Biogeoclimatic Zone
- MSS Minimum Stocking Standard
- NAR Net Area to Reforest
- NDT4 Natural Disturbance Type 4
 - **OGMA** Old Growth Management Area
 - PP Ponderosa Pine Biogeoclimatic Zone
 - QRP Qualified Registered
 Professional
 - RMZ Riparian Management Zone
 - RPF Registered Professional Forester
 - **RRZ** Riparian Reserve Zone
 - **SBPS** Sub-Boreal Pine/Spruce Biogeoclimatic Zone
 - SBS Sub-Boreal
 Spruce Biogeoclimatic
 Zone

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- SR Sufficiently Restocked
- SU Standards Unit
- TSA Timber Supply Area
- TSL Timber Sale License
- TSM Timber Sales Manager

Signatures of Preparing Foresters and Person Required to Prepare Plan

Preparing Forester

Frank Kohlberger, R.P.F BCTS Planning Forester, Kamloops Timber Sales Office Kamloops Business Area "I certify that I have determined that this work was performed to an acceptable standard"

Preparing Forester

Teni Work

Terri Worthen , R.P.F BCTS Planning Forester, Kamloops Timber Sales Office Kamloops Business Area

"I certify that I have determined that this work was performed to an acceptable standard"

Person Required to Prepare Plan

Steve Webb, R.P.F Timber Sales Manager, Kamloops Timber Sales Office Kamloops Business Area

1. Definitions and Interpretation

1.1. Definitions

In this FSP:

BCTS Agreement Holder means the holder of a Timber Sale Licence or Road Permit granted by the **TSM** to which this **FSP** applies;

FDU means the 33 Forest Development Units identified under this FSP;

FPPR means the Forest Planning and Practices Regulation as amended from time to time;

FRPA means the Forest and Range Practices Act, SBC 2002, c. 69, as amended from time to time;

FSP means this Forest Stewardship Plan;

Holder of this FSP means the Timber Sales Manager (TSM) for BCTS, and any other approved holder;

- **Kamloops LRMP** means the Kamloops Land and Resource Management Plan approved by the government in 1995 and as amended from time to time;
- **Qualified Registered Professional (QRP)** means an individual who is a registered member, in good standing, of a professional association whose training, ability and experience make the member professionally competent;

TSM means the Timber Sales Manager for the BC Timber Sales Kamloops Business Area;

1.2. Definitions under Enactments

Unless otherwise expressly indicated, or indicated by context, terms used in this FSP have the definition given them, as of the Submission Date, in Forest and Range Practices Act and associated regulations and the Forest Act and the regulations under them, as amended from time to time

2. FSP Dates and Term

The date of submission of this **FSP** is January 15, 2020.

The Term of this **FSP** is 5 years beginning on the Commencement Date. The Commencement Date for the Term of this **FSP** is April 1, 2020, which represents the date after which the previous **FSP** ended.

3. Applicability of this FSP

Subject to exceptions under FRPA, this FSP applies to each of the following located within an identified FDU:

- (a) timber sale licenses advertised or entered into by the **TSM** on or after the commencement date, and/ or
- (b) road permits granted by the TSM on or after the commencement date, or
- (c) cutting permits and/or road permits approved under Licence A85122 on or after the commencement date.

4. Forest Development Units

4.1. Landscape Units as Forest Development Units

A total of 33 Forest Development Units (**FDU**s) have been identified in this **FSP** that incorporate the majority of the Kamloops Timber Supply Area (TSA) (See Table 1 and Figure 1). The **FDU**s are based on landscape units. KLRMP Battle Bluffs Habitat Resource Management Zone H10 and Dewdrop Rosseau Wildlife Management Area Habitat Resource Management Zone H13 are exluded from the Dewdrop FDU.

Table 1: Forest Development Units for the BCTS Thompson Rivers District Stewardship Plan	n
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FDU #	FDU Name	FDU #	FDU Name
1	HAT CREEK	18	CLEARWATER
2	LOWER BONAPARTE	19	VAVENBY
3	ASHCROFT	20	RAFT
4	DEADMAN	21	MAD
5	5 DEWDROP (excluding KLRMP Battle Bluffs Habitat Resource Management Zone H10 and Dewdrop Rosseau Wildlife Management Area Habitat		MICA
6	UPPER GUICHON	23	CAYENNE
7	TRANQUILLE	24	TUM TUM
8	HEFFLEY	25	AVOLA
9	CAMPBELL	26	THUNDER BLUE
10	LOUIS CREEK	27	MUD
11	BARRIERE	28	ALBREDA
12	ADAMS LAKE	29	UPPER N. THOMPSON
13	LOWER ADAMS	30	SOUTH KAMLOOPS
14	SKULL	31	STUMP LAKE
15	DARFIELD	32	LAC DU BOIS
16	BONAPARTE	33	DUNN
17	NEHALLISTON		

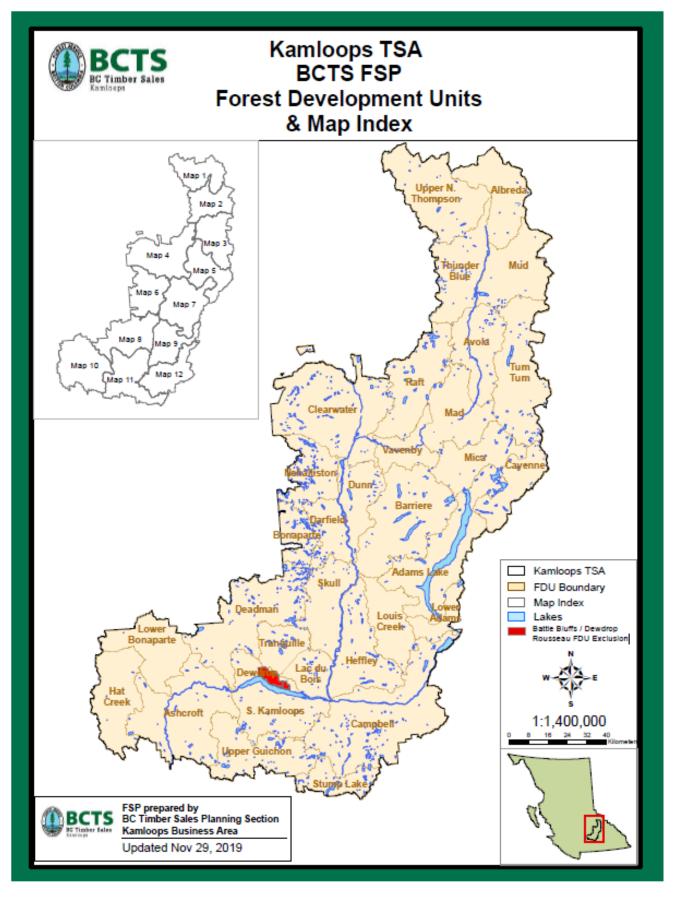


Figure 1 Forest Development Units for the BCTS Thompson Rivers District Stewardship Plan

4.2. FSP Map Layers

The **FSP** Maps (See Appendix A) identify locations of the following items that were in effect on the Submission Date as per section 14(2) and (3) of the **FPPR**:

- 1. Ungulate winter range areas,
- 2. Wildlife habitat areas,
- 3. Scenic areas,
- 4. L1 lakes,
- 5. Community watersheds,
- 6. Old growth management areas, and
- 7. Areas where commercial timber harvesting is prohibited by an enactment.
- 8. Fisheries Sensitive Watersheds
- 9. Lakeshore Management Zones¹

4.3. Additional Items Identified in the FDU (Blocks and Roads)

In addition, the areas within the **FDU** that are subject to a timber sale license, or a road permit granted by the **TSM** are those TSLs and Road Permits that are in effect at the commencement date of this **FSP**. Table 2 outlines the areas being declared within this Forest Stewardship Plan.

Table 2:Declared Areas

TSL	Block
A60951	FA27F, FA880
A92682	RB97Q
A92944	FA97A, FA7PV
A94174	GL9KE, GL9K1, GL9K2, GL9JB
A94893	BA99B
A95206	DU9HQ, DU9UA, DU9UK, DU9UF, DU9UH, DU9UC
A95210	DU97K
A95212	WA9GN, WA9GP, WA9GW, WA9GJ, WA9GK, WA9GL, WA9GT, WA9BF, WA9GS
A95261	HI9JS, HI9JT
A95970	HI9L6, HI9KH, HI9KJ, HI9LB, HI9LC, HI760, HI75U, HI75X, HI6ZY
TA0178	LN9KD, LN9K7, LN98Z, LN9K8
TA0184	PE9QT, PE7YE
TA0186	BA9Q8, BA9Q7, BA9QA
TA0233	LN87Y, LN9K9, LN9KA, LN9RW

¹ Lakeshore Management Zones have not been established under the Government Actions Regulations within the Thompson Rivers District. Although Lakeshore Management Zones are not in effect at the date of submission of this FSP, they have been included in this FSP.

TA 4000	
TA1068	KX9V0, KX9V1, KX9US, KX9UY, KX9UX, KX9UW, KX9UT, KX9UV
TA1069	KX9V9, KX9V8, KX9VA, KX9V5
TA1102	SA9VX, SA9VZ, SA9W1, SA9W3, SA9VT, SA9VV
TA1107	LN9VH
A94177	GL908, GL97H, GL90B, GL97G
A94180	GL903, GL905, GL937
A95244	GL90E, GL90F, GL90H, GL90J
A95245	GL8RB, GL90D, GL926
A95260	HI9F6, HI97N, HI97P, HI9ET, HI9F7, HI9JA, HI9F5, HI9HH
TA0947	NE9AP, NE9AQ
A95209	LS8L3, LS97Y, LS97W, LS97X
A95208	FA9LN, FA97C, FA9U9
A95971	HI9SJ, HI9SQ, HI9SS, HI9SU, HI9LD, HI9SL, HI75V, HI9SN
A95203	NE97L, NE9AN, NE9AP, NE9AQ, NE9AR, NE9FB
TA0198	SB84X, SB95D
TA0645	MU9RP, MU9RR
A69076	GC3YL
TA0132	MU9HD, MU9HE, MU9HF, MU9HG
TA0643	PE9S2
A66451	D02R0, D062D
TA0134	AM7EY
TA0646	MW9MQ
TA1054	MW9MN
TA0201	AL91P, AL91R, CM91S
TA0615	PE9QR
TA0644	NT9RZ, NT9S0
TA0648	WI9QC
TA0945	AL8PT, AL9PS
TA0199	TK7ZR
TA1055	MZ9PQ
TA0614	MZ9Q1, MZ9Q4, MZ9QX, MZ9PM
TA0946	AL9PK
A95236	F07F7, F07KZ, F085U
A95234	FO8WB
TA0030	AM9AG, AM9HM
17,0000	

5. Results or Strategies

The following sections outline objectives that are relevant to this **FSP** as identified directly through the *Forest* and *Range Practices Act*² and associated regulations; the **Kamloops LRMP** Higher Level Plan Order³ and the Kamloops TSA Old Growth Order⁴.

5.1. Soil Management and Conservation Objective

Objective⁵: The objective set by government for soils is, without unduly reducing the supply of timber from British Columbia's forests, to conserve the productivity and the hydrologic function of soils.

Applicable Area: All FDUs.

Strategy: When the Holder of this FSP carries out or authorizes primary forest activities, the activities will conform to Sections 35 and 36 of the FPPR.

5.2. Water Objectives

5.2.1. Community Watersheds

- **Objective**⁶: The objective set by government for water being diverted for human consumption through a licensed waterworks in a community watershed is to, without unduly reducing the supply of timber from British Columbia's forests; prevent the cumulative hydrological effects of primary forest activities within the community watershed from resulting in:
 - a) a material adverse impact on the quantity of water or the timing of the flow of the water from the waterworks, or
 - b) the water from the waterworks having a material adverse impact on human health that cannot be addressed by water treatment required under (i) an enactment, or (ii) the license pertaining to the waterworks
- *Applicable Area:* Within Designated Community Watershed areas including Cornwall, Currie, Tranquille, Leonie, Nelson, Paul Community, Paul Lake Community, Peterson, Rosen, Skowootum, Toops, Jimmies, Avola, Hascheak, McDougall and Russell.

Definitions:

- **Community Watershed Assessment** is an analysis of the cumulative hydrological effects of existing and proposed primary forest activities within a community watershed, conducted at the watershed level, which will consider the potential for the activities to cause:
 - a) a material adverse impact on the quantity of water or the timing of the flow of the water from the waterworks;

² Forest and Range Practices Act. <u>http://www.bclaws.ca/Recon/document/ID/freeside/00_02069_01</u>

³ Kamloops LRMP Higher Level Plan Order Amendment.

https://www.for.gov.bc.ca/tasb/slrp/lrmp/kamloops/kamloops/legal_documents/files/legal_orders/order_kamloops_hlp_jan06.p df 4Land Act Ministerial Order. Old Growth Management Objectives for the Kamloops LRMP Area dated March 5, 2013. https://www.for.gov.bc.ca/ftp/dhw/external/!publish/Old_Growth_Management_Order_KLRMP_Thompson_Rivers_District/KLR MP%20Old%20Growth%20Management%20Objectives%20Legal%20Order%20March%205%202013.pdf

⁵ FRPA Section 149, **FPPR** Section 5.

⁶ FRPA Section 149, **FPPR** Section 8.2

b) and the water from the waterworks having a material adverse impact on human health that cannot be addressed by water treatment required under an enactment, or the license pertaining to the waterworks.

The assessment is to be completed by a **QRP** and will include recommendations to mitigate the identified impacts to water quantity, timing of flow, and water quality.

An existing assessment is considered relevant if the circumstances of the assessment or conditions within the watershed are unchanged from the time of the assessment.

Strategy: Prior to the carrying out or authorizing primary forest activities within Designated Community Watersheds, the **Holder of this FSP** will:

- 1. Conform to Sections 59, 60, 61, 63 and 84 of the FPPR;
- 2. Ensure that a relevant Community Watershed Assessment has been completed by a QRP; and
- 3. Ensure that primary forest activities are planned and conducted in a manner that are consistent with the recommendations found within the relevant **Community Watershed Assessment**.

5.2.2. Water Licensees

Objective⁷: Ensure implementation of a referral process to notify all potentially impacted water licensees when development is proposed.

Applicable Area: All FDUs.

Strategy: Prior to carrying out or authorizing primary forest activities, the Holder of this FSP will:

- 1. Ensure a **QRP** identifies known water licenses that may be potentially impacted by the proposed primary forest activities;
- 2. Where a potential impact to a known water license has been identified, the water Licensee will be contacted to solicit input prior to the finalization of site plans or road permits;
- Where the water licensee(s) identifies specific concerns, work with the potentially impacted water licensee(s) to develop and agree upon a management strategy to address their concerns;
- 4. Where an agreement cannot be reached in (3), ensure that a QRP develops a management strategy to address the concerns of the potential impacted water licensee(s) and communicate these strategies back to the water licensee(s);
- 5. Ensure primary forest activities are conducted in a manner consistent with the management strategy;
- Where the Water License(s) is for consumptive use, conform to Sections 59, 60, and 61of the FPPR

⁷ Kamloops LRMP Section 2.1.2 and HLP Order of January 23, 2006

5.3. Lakeshore Management Objective

5.3.1. Lakeshore Management Zones

Objective⁸: Manage riparian areas, including streams, wetlands and lakes in accordance with the **FPPR** and the Kamloops and Clearwater District Lakeshore Management Guidelines, or other applicable management tools or agency agreements.

Applicable Area: All FDUs.

Definitions:

Lakes LRUP: the Clearwater Forest District Lakes Local Resource Use Plan – Lakeshore Management Guidelines dated August 1, 2001 ⁹and the Kamloops Forest District Lakes Local Resource Use Plan – Lakeshore Management dated December 20, 2001.¹⁰

Classified Lakes: Thompson Rivers District lakes that have been classified within a Lakes LRUP.
 Lakeshore Management Zone: The zone surrounding a Classified Lake that is established upland from the riparian reserve zone, a slope distance of 200 meters. Where no riparian reserve zone exists, the lakeshore management zone is measured upland from the high water mark of the lake or from

the outer edge of contiguous wetland vegetation.

Result: If carrying out or authorizing primary forest activities within the **Lakeshore Management Zone** around **Classified Lakes**, the Holder of this **FSP** will ensure that timber harvesting and road construction are consistent with the intended outcomes of the guidelines found within the applicable **Lakes LRUP**.

5.3.2. Walk-in Lakes

Objective:¹¹ Maintain a mosaic of angling opportunities within the recreational spectrum (i.e. walk-in lakes, drive to lakes, trophy lakes).

Applicable Area: all FDUs

Definitions:

Lakes LRUPs: the Clearwater Forest District Lakes Local Resource Use Plan – Lakeshore Management Guidelines dated August 1, 2001¹² and the Kamloops Forest District Lakes Local Resource Use Plan – Lakeshore Management dated December 20, 2001.¹³

Walk-in Lakes¹⁴: are lakes that have been identified in a **Lakes LRUPs** as requiring access restrictions in order to manage fish stock and quality and/or provide semi-primitive recreation experiences.

⁸ Kamloops LRMP Section 2.1.2.1 and HLP Order of January 23, 2006

⁹ Clearwater LRUP - https://www.for.gov.bc.ca/ftp/DHW/external/!publish/DHW_Lakes_Local_Resource_Use_Plan/

¹⁰ Kamloops LRUP - <u>https://www.for.gov.bc.ca/ftp/DKA/external/!publish/DKA_Lakes_Local_Resource_Use_Plan/</u>

¹¹ Order amending January 1996 Declaration of Kamloops LRMP as a Higher-Level Plan. eff. January 31,2006 - https://www2.gov.bc.ca/assets/gov/farming-naturalresources-and-industry/natural-resource-use/land-water-use/crown-land/land-use-plans-and-objectives/thompsonokanagan-region/kamloopslrmp/kamloops_lrmp_luor.pdf

¹² Clearwater LRUP - <u>https://www.for.gov.bc.ca/ftp/DHW/external/!publish/DHW_Lakes_Local_Resource_Use_Plan/</u>

¹³ Kamloops LRUP - <u>https://www.for.gov.bc.ca/ftp/DKA/external/!publish/DKA_Lakes_Local_Resource_Use_Plan/</u>

¹⁴Kamloops LRUP - https://www.for.gov.bc.ca/ftp/DKA/external/!publish/DKA_Lakes_Local_Resource_Use_Plan/

Section 58¹⁵ **Walk-in Lakes:** Thompson Rivers District lakes and their associated 'Walk-In Zones' that have been ordered through a **FRPA** Section 58 Recreation Order as having motorized vehicle restrictions¹⁶.

Strategy:

- Where motorized access currently does not exist¹⁷ within 200m of a Walk-in Lake, prior to carrying out or authorizing primary forest activities, the Holder of this FSP will ensure that road location and construction is consistent with the intent of the access management guidelines found within the applicable Lakes LRUP; and
- 2. Prior to carrying out or authorizing primary forest activities within or adjacent to a **Section 58 Walkin Lake** polygon, the **Holder of this FSP** will conform to the applicable *FRPA* Section 58 order.

5.4. Riparian Areas Objective

*Objective*¹⁸: The objective set by government for water, fish, wildlife and biodiversity within riparian areas is, without unduly reducing the supply of timber from British Columbia's forests, to conserve, at the landscape level, the water quality, fish habitat, wildlife habitat and biodiversity associated with those riparian areas.

Applicable Area: All FDUs

Definitions:

Large S6 Stream – an S6 stream that is ≥ 1.5m and ≤ 3m in width

Small S6 Stream - an S6 stream that is < 1.5m in width

- **Percent Retention** the percentage of trees (≥12.5 cm dbh) within the Riparian Management Zone that are retained
- Machine Free Zone an area where the tracks or wheels of ground-based machinery are not permitted.
- Lakeshore Management Zone: The zone surrounding a Classified Lake that is established upland from the riparian reserve zone, a slope distance of 200 meters. Where no riparian reserve zone exists, the lakeshore management zone is measured upland from the high water mark of the lake or from the outer edge of contiguous wetland vegetation.
- Classified Lakes: the Thompson Rivers District lakes that have been classified within a Lakes LRUP.
- Lakes LRUP: the Clearwater Forest District Lakes Local Resource Use Plan Lakeshore Management Guidelines dated August 1, 2001 and the Kamloops Forest District Lakes Local Resource Use Plan – Lakeshore Management dated December 20, 2001.

¹⁵ FRPA Section 58 http://www.bclaws.ca/Recon/document/ID/freeside/00_02069_01#section58

¹⁶ Digital spatial data can be found in the BC Data Catalog at https://catalogue.data.gov.bc.ca/dataset/section-58-recreation-orders-polygons

¹⁷ Where BCTS uses an existing access within 200 meters of a Walk-in lake, BCTS will be consistent with the LRUP guidelines ¹⁸ FRPA Section 149, **FPPR** Section 8

5.4.1. Stream Riparian Classes

Strategy: When the Holder of this FSP carries out or authorizes primary forest activities:

1. The activities will conform to the following sections of FPPR:

47 (1), (2), (3)(a), (5), and (6);

2. Subject to **FPPR** sections 47 (5) and (6), for each riparian class of stream the minimum riparian management area (RMA) width, riparian reserve zone (RRZ) and the riparian management zone (RMZ) on each side of the stream, are outlined in Table 3;

Table 3:Stream Riparian Management Table

Riparian Class*			Riparian Management Zone Width (m)	Minimum Percent Retention in the Riparian Management Zone – Streams**		
S1 - A	100	0	100	50		
S1 – B	70	50	20	25		
S2	50	30	20	25		
S3	40	20	20	25		
S4	40	10	30	25		
S5	30	10	20	25		
Large S6	25	10	15	25		
Small S6	20	0	20	>0		

* With the exception of Large S6 + Small S6, refer to the definitions of stream riparian classes found in **FPPR** Section 47. ** Site specific factors may require additional retention to meet the objective of ensuring the viability of the RRZ or where there is no RRZ protect the integrity of the stream edge. Site specific factors include water quality and fish habitat protection, level of shading required, sediment filtering, stream bank integrity, etc.

- 3. The RRZ for a stream begins at the edge of the stream channel bank and extends to the width described in Table 3 or **FPPR** section 47 (6).
- 4. The RMZ for a stream begins at:
 - a) The outer edge of the RRZ, or
 - b) If there is no RRZ, the edge of the stream channel bank,

and extends to the width described in Table 3 or FPPR section 47 (5)

5.4.2. Wetland Riparian Classes

Strategy: When the Holder of this FSP carries out or authorizes primary forest activities:

- 1. The activities will conform to FPPR Section 48 (1), (2), (4), and (5);
- 2. Subject to **FPPR** Section 48 (4) and (5), for each riparian class of wetland, the minimum RMA width, RRZ width and RMZ width for the wetland are as outlined in Table 4.

Table 4 Wetland Riparian Management Table

Riparian Class*	Riparian Management Area Width (m)	Riparian Reserve Zone Width (m)	Riparian Management Zone Width (m)	Minimum Percent Retention in the Riparian Management Zone – Wetlands**		
W1	50	10	40	25		
W2	30	10	20	25		
W3	30	10	20	25		
W4	30	0	30	25		
W5	50	10	40	25		

* Refer to the definitions of wetland classifications found in **FPPR** Section 48. **Site specific factors may require additional retention to meet the objective of ensuring the viability of the RRZ. Site specific factors include water quality and fish habitat protection, level of shading required, sediment filtering, bank integrity, etc.

- 3. The RRZ for a wetland begins at the edge of the wetland and extends to the width described in Table 4 or **FPPR** section 48 (5);
- 4. The RMZ for a wetland begins at:
 - a) The outer edge of the RRZ, or
 - b) If there is no RRZ, the edge of the wetland,

And extends to the width described in Table 4 or FPPR section 48 (5)

5.4.3. Lake Riparian Classes

Strategy: When the Holder of this FSP carries out or authorizes primary forest activities:

- 1. The activities will conform to **FPPR** Section 49 (1), and (3).
- 2. Subject to **FPPR** section 49 (3), for each riparian class of lake, the minimum RMA width, RRZ width and RMZ width are as outlined in Table 5.

Table 5: Lakes Riparian Management Table

Lake Class *	Riparian Management Area Width (m)	Riparian Reserve Zone Width (m)	Riparian Management Zone Width (m)	Minimum Percent Retention in the Riparian Management Zone – Lakes**			
L1-A	L1-A 0 0		0	n/a			
L1-B	10	10	0	n/a			
L2	30	10	20	25			
L3	30	10	20	25			
L4	30	10	20	25			
*Refer to defin	*Refer to definition of lakes classifications found in the FPPR Sec 49.						
**Site specific factors may require additional retention to meet the objective of ensuring the viability of the RRZ. Site specific factors include water quality and fish habitat protection, level of shading required, sediment filtering, bank integrity, etc.							

- 3. The RRZ for a lake begins at the edge of the lake and extends to the width described in Table 5 or **FPPR** section 49 (3).
- 4. The RMZ for a lake begins at
 - a) The outer edge of the RRZ, or
 - b) If there is no RRZ, the edge of the lake,

And extends to the width described in Table 5 or FPPR section 49 (3).

5. Within the Lakeshore Management Zone for Classified Lakes, the timber harvesting and road construction will conform to the intended outcomes of the guidelines found within the applicable Lakes LRUPs.

5.4.4. Restrictions in a Riparian Management Area

Strategy: When the **Holder of this FSP** carries out or authorizes primary forest activities, the activities will conform to **FPPR** Section 50.

5.4.5. Restrictions in a Riparian Reserve Zone

Strategy: When the **Holder of this FSP** carries out or authorizes primary forest activities, the activities will conform to **FPPR** Section 51.

5.4.6. Restrictions in a Riparian Management Zone

Strategy: The Holder of this FSP:

- Will ensure that harvesting a cutblock; to which this FSP applies, that includes a RMZ will not cause the Percent Retention, at the completion of that harvesting, to be less than outlined in Table 3, 4 or 5;
- 2. Will conform to FPPR sec 52 (1) (b);
- 3. Who cuts, modifies or removes trees in a RMZ for a Small S6 stream that has trees that contribute significantly to the maintenance of stream bank or channel stability must retain enough trees adjacent to the stream to maintain the stream bank or channel stability, if the stream is a direct tributary to an S1, S2 or S3 streams
- 4. This strategy does not apply to the extent it is not practicable to do so where the harvesting is for a purpose described in section 5.4.5

5.4.7. Restricted Operation of Machinery

Strategy: When the **Holder of this FSP** carries out or authorizes primary forest activities within a cutblock; to which this **FSP** applies, that includes a RMA, will retain a **Machine Free Zone (MFZ)** for the purpose of retaining brush species, advanced regeneration and non-merchantable/commercial stems. The **MFZ** begins at the outer edge of the RRZ, the edge of the stream channel bank of a small S6 Stream or at the edge of a L1-A lake and extends to a width of 5 meters.

5.4.8. Operational Exceptions to Restricted Operation of Machinery

Paragraph 5.4.7 does not apply:

- 1. at stream crossings;
- 2. for the purpose of removing trees to address a safety concern;
- 3. where operating the machinery more than 5 meters from the stream bank will create a higher risk or sediment delivery; or
- 4. where the harvesting or treatment is conducted in a manner that protects stream banks and minimizes damage to natural vegetation.

5.5. Biodiversity Objectives

5.5.1. General Biodiversity

Objective¹⁹: To conserve the diversity and abundance of native species and their habitats throughout the

Kamloops LRMP.

Applicable Area: All FDUs.

Strategy: The strategies in the following sections of this FSP are the strategies for this objective:

- 1. Section 5.3 Lakeshore Management Objective
- 2. <u>Section 5.4</u> Riparian Areas Objective
- 3. Section 5.5.2 Landscape Level Biodiversity
- 4. <u>Section 5.5.3</u> Old Growth Management Areas
- 5. Section 5.5.4 Stand Level Biodiversity
- 6. <u>Section 5.7</u> Wildlife Objectives
- 7. <u>Section 5.8</u> Visual Objective
- 8. <u>Section 5.9</u> Cultural Heritage Resources
- 9. <u>Section 5.10</u> Archaeological Assessments
- 10. <u>Section 5.12</u> Range
- 11. Section 6 Measures-Natural Range Barriers and Invasive Plants
- 12. Section 7 Stocking Standards

¹⁹ Kamloops LRMP Section 2.1.3.1 and HLP Order of January 23, 2006

5.5.2. Landscape Level Biodiversity

Objective²⁰: The objective set by government for wildlife and biodiversity at the landscape level is, without unduly reducing the supply of timber from British Columbia's forests and to the extent practicable, to design areas on which timber harvesting is to be carried out that resemble, both spatially and temporally, the patterns of natural disturbance that occur within the landscape.

Applicable Area: All FDUs.

Strategy: When the **Holder of this FSP** carries out or authorizes primary forest activities, the **Holder of this FSP** will ensure that the activities conform to **FPPR** sections 64^{21} and 65

5.5.3. Old Growth Management Areas

Objectives²²:

- Conserve biodiversity by retaining old forest values and attributes, or rare features within OGMAs²³ across the landscape units over time.
- 2. Maintain all timber within OGMAs except as required to accommodate the following purposes:
 - a) to prevent the spread of insect infestation or disease that pose a significant threat to forested areas external to the OGMA;
 - b) to address safety hazards associated with primary forest activities;
 - c) to provide for guyline clearance and tailhold anchors;
 - d) to address fuel management concerns and related safety hazards;
 - e) to provide road access where no alternative practicable option for road location exists; or
 - f) to facilitate timber harvesting that will result in operationally practicable cutblock boundaries.
- 3. Primary forest activities conducted for the purposes under Objective #2 must:
 - a) be conducted to the minimum extent necessary to accommodate the purpose; and
 - b) not exceed the lesser of two hectares or 10% of an individual OGMA polygon per 20 year timeframe.

Applicable Area: All FDUs.

Result: The Holder of this FSP will carry out or authorize primary forest activities in a manner that is consistent with the March 5, 2013 Land Act Ministerial Order establishing old growth management objectives for the Kamloops Land and Resource Management Plan Area.

²⁰ FRPA Section 149, **FPPR** Section 9

²¹ Where **FPPR** section 64 (2) applies; if the openings are going to be larger than the prescribed size, the planning of these large openings will be guided by (but not limited to) the following Chief Forester Guidance documents: Guidance on Landscape- and Stand-level Structural Retention in Large-Scale Mountain Pine Beetle Salvage Operations, December 2005; Post-Natural Disturbance Forest Retention Guidance – 2017 Wildfires ²² Land Act Ministerial order. Old Growth Management Objectives for the Kamloops LRMP Area dated March 5, 2013

²³ As identified in the 2013 Land Act Ministerial Order and as modified from time to time by OGMA incursions/replacements in accordance with the Order.

5.5.4. Stand Level Biodiversity

*Objective*²⁴: The objective set by government for wildlife and biodiversity at the stand level is, without unduly reducing the supply of timber from British Columbia's forests, to retain wildlife trees.

Applicable Area: All FDUs.

Strategy:

- 1. When the **Holder of this FSP** carries out or authorizes timber harvesting in one or more cutblocks; to which this **FSP** applies, during any 12 month period beginning on April 1 of any year, the **Holder of this FSP** will ensure that:
 - a) at the end of the 12 month period beginning on April 1 of any calendar year, the total area covered by Wildlife Tree Retention Areas (WTRAs) that relate to the cutblocks on which harvesting was completed during the period, is a minimum of 7% of the total area of the cutblocks.
 - b) At the completion of harvesting, the total amount of WTRAs that relates to any cutblock greater than 5 ha in size is a minimum of 3.5% of the cutblock.
- 2. For the purposes of paragraph 1, a WTRA may relate to more than one cutblock if all of the cutblocks that relate to the WTRA collectively meet the requirements of paragraph 1.
- 3. The **Holder of this FSP** will not carry out or authorize timber harvesting within a WTRA, except where:
 - a) the trees on the Net Area to be Reforested (NAR) of the cutblock to which the WTRA relates have developed attributes that are consistent with a mature seral condition; or
 - b) a **QRP** has determined that
 - (i) the WTRA causes a concern for public safety;
 - (ii) the WTRA is or will imminently be rendered ineffective by a forest health related factor;
 - (iii) harvesting is required to provide for guyline clearance and tailhold anchors;
 - (iv) harvesting is required to provide road access where no alternative practicable option for road location exists; or
 - (v) harvesting is required to ensure operationally practicable cutblock boundaries
- 4. Where the **Holder of this FSP** carries out or authorizes timber harvesting within an existing WTRA, then the harvested WTRA will be replaced with an equivalent or other suitable WTRA
- 5. The strategies in the following sections of this **FSP** are also strategies for this objective:
 - a) Section 5.3 Lakeshore Management Objectives
 - b) Section 5.4 Riparian Areas Objectives
 - c) Section 5.5.2 Landscape Level Biodiversity
 - d) Section 5.5.3 Old Growth Management Areas
 - e) Section 5.7 Wildlife Objectives
 - f) Section 5.8 Visual Objectives
 - g) Section 5.9 Cultural Heritage Resources
 - h) Section 5.10 Archaeological assessments

²⁴ FRPA Section 149, **FPPR** Section 9.1

- i) Section 5.12 Range
- i) Section 6.1 Natural Range Barriers

Recreation Objectives 5.6.

5.6.1. Recreation Sites and Trails

Objective:²⁵ Manage known recreation sites and trails in accordance with established objectives.

Applicable Area: All FDUs.²⁶

Result: Prior to carrying out or authorizing primary forest activities, the Holder of this FSP will ensure that primary forest activities are carried out in a manner that is consistent with the established objectives of designated recreation sites and trails.

5.6.2. **Recreation and Tourism Zones**

- **Objective:**²⁷ Road and trail construction, maintenance and deactivation and other surface disturbances and construction will be undertaken in a manner that meets the management objectives of each Recreation and Tourism Zone, in accordance with direction from an approved plan, local process or enhanced referral.
- **Objective**²⁸: Extractive uses are permitted providing they are consistent with the objectives of the Resource Management Zone.
- Applicable Area: Special Resource Management All Recreation and Tourism Zones within the FDU including Alan Creek, Bischoff, Blustery, Bone, Clemina, Lac Le Jeune, North Thompson Glacier, Smoke, Taweel, Thompson Rivers, Tod Mountain and Tod Mountain (controlled area).
- Strategy: When carrying out or authorizing timber harvesting or road construction in a Recreation and Tourism Zone, the Holder of this FSP will ensure that:
 - the activity is designed and carried out in a manner that meets the management objectives of the applicable Recreation and Tourism Zone and is in accordance with direction from an approved plan, local process or enhanced referral and,
 - 2. the activity will be consistent with the objectives of the Resource Management Zone.

²⁵ Grandparented designations, FRPA Section 180.

²⁶ Although Recreation Sites and Trails have been legally established in the former Kamloops Forest District, no formal objectives were established (as required by FRPA Sec 181) and therefore no Result or Strategy is required in this FSP. Established objectives are in place for a series of recreations sites and trails in the former Headwaters Forest District portion of the Thompson Rivers District. A list of these sites can be found in Appendix II of the FSP Background Document. BCTS recognizes and acknowledges that a FRR section 16 authorization is required when primary forest activities are being proposed within and/or on recreation sites and trails. ²⁷ Kamloops LRMP Section 2.6.1 and HLP Order of January 23, 2006. ²⁸ Kamloops LRMP Section 2.6.1.4 and HLP Order of January 23, 2006.

5.7. Wildlife Objectives

5.7.1. General Wildlife Objectives

Objectives²⁹: The overall objective of special resource management zones for habitat and wildlife management areas is to: maintain or enhance identified wildlife habitat areas.

Applicable Area: Special Resource Management Habitat/Wildlife Management Areas as identified in the Kamloops HLP Ministerial Order

Strategy: The strategies in the following sections of this FSP are strategies for this objective

- a) 5.7.2 Mule Deer Winter Range
- b) 5.7.3 Moose

5.7.2. Mule Deer Winter Range

Objectives:³⁰

- 1. Maintain or enhance forage production and habitat requirements in critical deer winter range.
- 2. Disperse the timber harvest throughout the winter range and spread it out evenly over the rotation.
- 3. Maintain at least 25% of forested area in the thermal cover. Link thermal cover units together with suitable travel corridors, especially mature Douglas fir vets on ridges.
- 4. Maintain or enhance forage production and habitat requirements in critical deer winter range (Skull Wildlife Habitat).

Applicable Area: Critical Deer Winter Range, as identified in the Kamloops HLP Ministerial Order January 8, 2009 and the Skull Wildlife Habitat Management Area.

Definitions:

Critical Deer Winter Range: an area of Crown land and either identified as Critical Deer Winter Range in Kamloops HLP Ministerial order dated January 8, 2009 or is within the Skull Wildlife Habitat Management Area.

Suitable Snow Interception Cover³¹:

- 1. A forested area that is greater than 0.25 hectares in size, conifer leading (with preference given to Douglas-fir (*Pseudotsuga menziesii*) leading stands) and has a crown closure class of:
 - a) 2 or greater in the PP biogeoclimatic zones;
 - b) 5 or greater in the ICH biogeoclimatic zones;
 - c) 4 or greater in all other biogeoclimatic zones; or
- 2. A forest area harvested under a single-tree or group selection system that has achieved the crown class requirements of paragraph 1.

²⁹ Kamloops LRMP HLP Order dated January 8, 2009. Kamloops LRMP section 2.5.1

³⁰ Kamloops LRMP HLP Order dated January 8, 2009. Kamloops LRMP sections 2.1.12.1, 2.5.1 and 2.5.2.

³¹ Snow interception cover is equated with and assumed to provide security cover and thermal cover

- Planning Cell: A contiguous area of crown forested land within Critical Deer Winter Range that is up to 800 ha in size. Planning cells are not less than 1 km wide unless the Critical Deer Winter Range or the portion of the Critical Deer Winter Range within the Holder of this FSP's operating area is already less than 1 km wide.
- Suitable Travel Corridors: Areas identified through an assessment carried out by a QRP that are suitable for mule deer travel during winter. Specific attention is given to Douglas-fir (*Pseudotsuga menziesii*) veterans (e.g. 65cm or greater) on ridges.
- *Strategy:* When carrying out or authorizing primary forest activities in an area within **Critical Deer Winter** Range, the Holder of this FSP will:
 - 1. Ensure **Planning Cells** are located such that timber harvesting will be dispersed throughout the winter range and spread it out evenly over the rotation;
 - 2. Maintain or enhance forage production and habitat requirements in critical deer winter range;
 - 3. Not cause less than 25% of the forested area in each **Planning Cell** to be retained as **Suitable Snow Interception Cover**.
 - 4. To the extent practicable, areas of **Suitable Snow Interception Cover** will be linked together with suitable travel corridors, focusing on mature Douglas fir vets on ridges.

5.7.3. Moose

Objectives:³²

- 1. Maintain thermal and visual cover for moose and enhance browse production.
- 2. Maintain suitable forest cover attributes with respect to thermal cover and forage production.
- 3. Maintain or enhance forage production and habitat requirements in critical moose winter range (Skwilatin Wildlife Habitat).

Applicable Area: Critical Moose Winter Range as identified in the Kamloops HLP Ministerial Order January 8, 2009 and the Skwilatin Habitat Resource Management Zone.

Definitions:

Extended Use Roads: roads that are planned for more than 2 years of use for primary forest activities;

- **Moose Forage:** palatable species of plants that are a food source for Moose. These plants include Salix spp., red-osier dogwood and Betula spp.;
- Habitat elements: Lakes, classified wetlands and deciduous leading stands >3ha in size found within the Critical Moose Winter Range
- **Critical Moose Winter Range:** an area of Crown land identified as either **Critical Moose Winter Range** in Kamloops HLP Ministerial order dated January 8, 2009 or is within the Skwilatin Habitat Resource Management Zone.
- **Moose Management Unit:** an area that includes a **habitat element** and a 200 meter zone that begins at the outer edge of the **Habitat element**

³² Kamloops LRMP HLP Order dated January 8, 2009. Kamloops LRMP sections 2.1.12.2, 2.5.1 and 2.5.2.

Security Cover: areas of vegetation, > 5 meters in height and at least 100m wide.

Snow Interception Cover: forested stands >15 meters in height with canopy closure >40%

Thermal Cover: conifer leading stands that are \geq 15 meters in height and \geq 5 ha in size

Visual Cover: vegetation and/or topography providing visual obstruction that makes it difficult to see into adjacent areas from the roadbed.

Strategy: When carrying out or authorizing primary forest activities in an area within Critical Moose Winter Range, the Holder of this FSP will:

- 1. Implement the following strategies from this **FSP** to contribute to thermal cover and habitat requirements for Moose
 - a) Section 5.3 Lakeshore Management Objectives
 - b) Section 5.4 Riparian Areas Objectives
 - c) Section 5.5.3 Old Growth Management Areas
 - d) Section 5.5.4 Stand Level Biodiversity
- 2. Where practicable, design and implement primary forest activities such that:
 - a) they will provide connectivity between moose habitat elements and security cover;
 - b) new cutblocks; to which this **FSP** applies, are not harvested until adjacent cutblocks have reached a green up height of 5m; and
 - c) within cutblocks; to which this **FSP** applies, ensure that no point will be more than 400m from thermal cover or security cover.
- 3. Within each Moose Management Unit, retain at least 67% of Snow Interception Cover
- 4. Where Extended Use Roads are within 100m of a Moose Management Unit retain Visual Cover; where present and to the extent practicable
- 5. Implement approved stocking standards with similar species distribution as the pre- harvested stands (including deciduous)³³
- 6. Retain Moose Forage during silviculture activities (including brushing, weeding and stand tending) unless retaining **Moose Forage** impedes the ability of a stand to reach free growing status.

5.7.4. Mountain Goat

Objective³⁴

- 1. The objective set by government for wildlife is, without unduly reducing the supply of timber from British Columbia's forests, to conserve sufficient wildlife habitat in terms of amount of area, distribution of areas and attributes of those areas, for
 - the survival of species at risk, 0
 - the survival of regionally important wildlife, and 0
 - the winter survival of specified ungulate species. 0

³³ Strategy taken from <u>Section LRMP 2.1.12.2 of the Kamloops LRMP</u> accessed Aug 9, 2018

- 2. A person required to prepare a forest stewardship plan must specify a result or strategy in respect of the objective stated under subsection (1) only if the Minister responsible for the Wildlife Act gives notice to the person of the applicable:
 - o species referred to in subsection (1), and
 - indicators of the amount, distribution and attributes of wildlife habitat described in subsection (1).

Applicable Area: Mountain Goat Winter Range: areas identified in the Kamloops Timber Supply Area by Ministry of Environment and provided as spatial data to support the Ungulate Winter Range Notice

Definitions:

Early Seral: forested stands less than 40 years of age;

Escape Terrain: rock outcrops or cliffs with slopes >30° and <60°;

- Mountain Goat Winter Range: areas identified in the Kamloops Timber Supply Area by Ministry of Environment and provided as spatial data to support the Ungulate Winter Range Notice;
- **Snow Interception Cover:** mature coniferous forest with preference given to Douglas- fir (*Pseudotsuga menziesii*) leading stands equal to or greater than 12m in height with a crown closure class equal to or greater than 7. Snow interception cover is assumed to also provide adequate security cover and thermal cover;
- **Ungulate Winter Range Notice:** the notice for the Kamloops Timber Supply Area dated December 30, 2004.

Strategy:

- When carrying out or authorizing primary forest activities within an area that is ≤ 200m from Escape Terrain within Mountain Goat Winter Range, the Holder of this FSP will:
 - a) Ensure no more than 33 percent of the forested area is in Early Seral condition and
 - b) Retain equal to or greater than 50 percent basal area of **Snow Interception Cover.**
- In areas currently occupied by Mountain Goats for winter use within Mountain Goat Winter Range, the Holder of this FSP will comply with the Ungulate Winter Range Notice and refer to other pertinent information for guidance during the development of strategies to conserve sufficient habitat for this species.

5.7.5. Flammulated Owl

Objective.³⁵ Ensure habitat needs of all naturally occurring wildlife species are provided for.

Special attention will be paid to those red- and blue- listed species, as defined by BC Environment, and species designated as regionally important (e.g. Mule Deer).

Applicable Area: All FDUs

Strategy: The strategy for Old Growth Management Areas (Section 5.5.3) is the strategy for ensuring habitat

³⁵ Kamloops LRMP Section 2.1.12 and HLP Order of January 23, 2006

needs for Flammulated Owl.

5.7.6. Lewis's Woodpecker

Objective:³⁶ Ensure habitat needs of all naturally occurring wildlife species are provided for. Special attention will be paid to those red- and blue- listed species, as defined by BC Environment, and species designated as regionally important (e.g. Mule Deer).

Applicable Area: All FDUs.

Definitions

Occurrence Site: an area where Lewis's Woodpecker has been identified in

- (i) in the Applicable SAR Notice 37
- (ii) by the BC Conservation Data Centre³⁸

Management Area: area that incorporates the **Occurrence Site** and extends 100 meters (slope distance) beyond the Occurrence Site.

Strategy

- 1. When carrying out or authorizing primary forest activities within a cutblock; to which this FSP applies, where an **Occurrence Site** has been identified, the **Holder of this FSP** will; where practicable:
 - a) Retain live ponderosa pine and black cottonwood within the Management Area,
 - b) Retain single tree or group wildlife tree reserves on site, focusing reserves on nonhazardous dead standing trees, retaining 6 dead standing >45cm DBH trees where they exist and it is practicable within the **Management Area**, and
 - c) Not employ the use of pesticides within the **Management Area**.

5.7.7. Spotted Bat

Objective³⁹: Ensure habitat needs of all naturally occurring wildlife species are provided for.

Special attention will be paid to those red- and blue- listed species, as defined by BC Environment, and species designated as regionally important (e.g. Mule Deer).

Applicable Area: All FDUs.

Definitions

Occurrence Site: an area where Spotted Bat has been identified in the Applicable SAR Notice⁴⁰; or by the BC Conservation Data Centre⁴¹;

Core Area: an area not less than 5 hectares, incorporating an Occurrence Site and any cliff feature or

³⁶ Kamloops LRMP Section 2.1.12 and HLP Order of January 23, 2006

³⁷ Material supporting the Notice for Species at Risk – Kamloops Forest District as found at

http://cmnmaps.ca/Metadata/Documents/NTSWA/Wildlife/Supporting_info_KamloopsFD_SAR.pdf

³⁸ CDC website http://www2.gov.bc.ca/gov/content/environment/plants-animals-ecosystems/data-reporting/conservation-data-centre ³⁹ Kamloops LRMP Section 2.1.12 and HLP Order of January 23, 2006

⁴⁰ Material supporting the Notice for Species at Risk – Kamloops Forest District as found at

http://cmnmaps.ca/Metadata/Documents/NTSWA/Wildlife/Supporting_info_KamloopsFD_SAR.pdf

⁴¹ http://www2.gov.bc.ca/gov/content/environment/plants-animals-ecosystems/conservation-data-centre

talus slope within 150 meters (slope distance) of the Occurrence Site.

Management Area: an area located 100 meters (slope distance) beyond the edge of a **Core Area** Strategy:

- 1. The Holder of this FSP will not carry out or authorize primary forest activities within a Core Area and,
- 2. When carrying out or authorizing primary forest activities within a Management Area, the Holder of this FSP will:
 - a) Employ a partial cut harvest method, retaining at least 50% of the pre-harvest basal area at the completion of harvest,
 - b) Not construct a road, unless there are no practicable alternative road locations,
 - c) Retain single tree or group reserves on site (vets are preferred)
 - d) Not remove rock or talus,
 - e) Not employ the use of pesticides.
 - f) Not carry out or authorize primary forest activities between March and October.

5.8. Visual Objectives⁴²

Definitions:

- **Headwaters Visual Zone:** means the old Headwaters Forest District boundary lines within the Thompson Rivers District, and including area based tenures therein.
- **Kamloops Visual Zone:** means the old Kamloops Forest District boundary lines within the Thompson Rivers District, and including area based tenures therein.
- **Visually Sensitive Areas**⁴³: means areas that have been classified during a Visual Landscape Inventory and "are viewsheds or viewscapes visible from communities, public use areas and travel corridors (including roadways and waterways), or viewpoints identified through a variety of referral or planning processes, where the maintenance of the visual quality is important". They are spatially defined in Figure 5 of the *Kamloops Land and Resource Management Plan*, July 1995.

5.8.1. Visual Management in the "Headwaters Visual Zone"

Objective⁴⁴:

1. In this section:

"scenic area" means an area of land established as a scenic area under the Forest Practices Code of British Columbia Act on or before October 24, 2002 and continued as a scenic area under section 180 (c) of the Act; ⁴⁵

⁴² In this section "scenic area", "visual sensitivity class" and "altered forest landscape" have the meanings as defined in section 9.2 of the FPPR

 ⁴³ Definition of 'Visually Sensitive Areas' taken from the Kamloops LRMP; July 28, 1995.section 2.1.14
 <u>https://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/natural-resource-use/land-water-use/crown-land/land-use-plans-and-objectives/thompsonokanagan-region/kamloops-lrmp/kamloops_lrmp.pdf accessed Aug 10, 2018</u>
 ⁴⁴ FPPR Section 9.2

⁴⁵ Under the Operational and Site Planning Regulation, 'scenic areas' were defined as "any visually sensitive area or scenic landscape identified through a visual landscape inventory or planning process carried out or approved by the district manager"

⁽http://www.bclaws.ca/civix/document/id/loo60/loo60/107_98). In 1999, the District Manager of the old Clearwater Forest District; through a visual landscape inventory, identified **'scenic areas'** but <u>did not</u> establish Visual Quality Objectives (VQO). These **scenic areas** were then given different **visual sensitivity classes.** Therefore, in the old Clearwater Forest District, **FPPR** 9.2 applies *in addition to* the Kamloops LRMP Objectives. See Table

"visual sensitivity class" means a visual sensitivity class established on or before October 24, 2002, particulars of which are publicly available in the Land and Resource Data Warehouse maintained by the minister responsible for the Land Act.

- 2. The objective set by government in relation to visual quality for a scenic area, that
 - a) was established on or before October 24, 2002, and
 - b) for which there is no visual quality objective is to ensure that the altered forest landscape for the scenic area
 - c) in visual sensitivity class 1 is in either the preservation or retention category,
 - d) in visual sensitivity class 2 is in either the retention or partial retention category,
 - e) in visual sensitivity class 3 is in either the partial retention or modification category,
 - f) in visual sensitivity class 4 is in either the partial retention or modification category, and
 - g) in visual sensitivity class 5 is in either the modification or maximum modification category.

*Objective*⁴⁶: The primary objective of management in **Visually Sensitive Areas** is to ensure that the levels of visual quality expected by society are achieved on Crown land in keeping with the concepts and principles of integrated resource management.

- **Objective** ⁴⁷: Maintain viewscapes in recreation and tourism areas to a standard that does not detract from the recreational enjoyment of users.
- *Objective*⁴⁸: Areas outside the identified **Visually Sensitive Areas** in the **Kamloops LRMP**, are managed for landscape objectives as follows: alterations may dominate the characteristic landscape but must borrow from natural line and form to such an extent and on such a scale that they are comparable to natural occurrences.

Applicable Area: the Headwaters Visual Zone.

Strategy:

- 1. Within Visual Polygon 1143⁴⁹ the the Timber Sales Manager will:
 - a) Ensure the visual management of this polygon will be designed and implemented to achieve the currently established VQO of Retention (R) or Partial Retention (PR) within twenty years of harvest completion. Rehabilitation will be based on more natural-appearing shapes created through additional harvesting combined with new stand regeneration.
 - b) Monitor progress towards achievement of the objective, and report on this progress to the District Manager of the Thompson Rivers Forest District every 5 years from harvest through to full achievement. Such reporting will include area harvested, area regenerated, rates of growth of regeneration and efforts to ensure that the VQO will be achieved within the twenty year time frame.

⁶ for explanation on how to apply the four different objectives.

 ⁴⁶ Kamloops LRMP Section 2.1.14 and HLP Order of January 23, 2006 as defined by Figure 5
 ⁴⁷ Kamloops LRMP Section 2.6.1 and HLP Order of January 23, 2006

⁴⁸ Kamloops LRMP Section 2.1.14 and HLP Order of January 23, 2006 as defined by Figure 5

⁴⁹ As identified in the Visual landscape Inventory dated Nov 30, 2015.

- c) Ensure that primary forest activities supporting visual rehabilitation will follow as closely as practicable the July 28, 2015 version of the Dora Creek Visual Impact Assessment (VIA), but may vary as necessary to fully achieve the established VQO within the twenty year time frame. This strategy will continue until the established VQO is achieved.
- 2. For Visually Sensitive Areas and Scenic Areas within the Applicable Area and outside of Visual Polygon 1143, where the Holder of this FSP authorizes the harvesting of a cutblock to which this FSP applies, constructs a road, or authorizes the construction of a road, the resulting visual alteration will be consistent with Table 6
- 3. For areas outside of Visually Sensitive Areas and Scenic Areas that are within the Applicable Area, where the Holder of this FSP authorizes the harvesting of a cutblock to which this FSP applies, constructs a road, or authorizes the construction of a road, the Holder of this FSP will ensure that these areas are managed for landscape objectives as follows: at a maximum, alterations when assessed from a significant public viewpoint: are very easy to see, and large in scale and natural in appearance, or small to medium in scale but with some angular characteristics.

	For Scenic A	For Scenic Areas within the Headwaters Visual Zone (ie scenic areas with no established VQOs)					
	VSC1	VSC2	VSC3	VSC4	VSC5	NVS or UA	
Within Kamloops LRMP VSA	P or R	R or PR	PR or M	PR or M	M or MM	М	
Outside of a Kamloops	P or R	R or PR	PR or M	PR or M	М	М	

Table 6: Objectives to meet both the Kamloops LRMP and FPPR 9.2 Scenic Areas

P = Preservation Altered Forest Landscape Category/Management Categories

R = Retention Altered Forest Landscape Category/Management Categories

PR = Partial Retention Altered Forest Landscape Category/Management Categories

M = Modification Altered Forest Landscape Category/Management Categories

MM = Maximum Modification Altered Forest Landscape Category/Management Categories

5.8.2. Visual Management in "Kamloops Visual Zone"

Objective ⁵⁰: The primary objective of management in Visually Sensitive Areas is to ensure that the levels of visual quality expected by society are achieved on Crown land in keeping with the concepts and principles of integrated resource management.

Objective⁵¹: Maintain viewscapes in recreation and tourism areas to a standard that does not detract from the recreational enjoyment of users.

⁵⁰ Kamloops LRMP Section 2.1.14.2 and HLP Order of January 23, 2006

⁵¹ Kamloops LRMP Section 2.6.1 and HLP Order of January 23, 2006

*Objective*⁵²: Areas outside the identified **Visually Sensitive Areas** in the **Kamloops LRMP** are managed for landscape objectives as follows: alterations may dominate the characteristic landscape but must borrow from natural line and form to such an extent and on such a scale that they are comparable to natural occurrences.

Applicable Area: within the Kamloops Visual Zone.

- For Visually Sensitive Areas and Scenic Areas⁵⁵ within the Applicable Area, where the Holder of this FSP authorizes the harvesting of a cutblock to which this FSP applies, constructs a road or authorizes the construction of a road, the resulting visual alteration will be consistent with Table 7.
- 2. For areas outside of Visually Sensitive Areas and Scenic Areas that are within the Applicable Area, where the holder of this FSP authorizes the harvesting of a cutblock to which this FSP applies, constructs a road, or authorizes the construction of a road, the holder of this FSP will ensure that these areas are managed for landscape objectives as follows: at a maximum, alterations when assessed from a significant public viewpoint: are very easy to see, and large in scale and natural in appearance, or small to medium in scale but with some angular characteristics.

Table 7: Objectives to meet both the Kamloops LRMP and Established VQOs

	For Scenic Areas within the Kamloops Visual Zone (ie Scenic Areas with VQOs established by the District Manager)					
	Р	R	PR	М	ММ	NVS or UA
Within Kamloops LRMP VSA	Р	R	PR	Μ	ММ	М
Outside of a Kamloops LRMP VSA	Ρ	R	PR	М	М	м

⁵² Kamloops LRMP Section 2.1.14 and HLP Order of January 23, 2006 as defined by Figure 5

⁵⁵ Scenic Areas within the Kamloops Visual Zone had VQOs established in 2003 by the District Manager of the old Kamloops Forest District. Therefore **FPPR** 9.2 does not apply. See Table 7 for explanation on how to apply the three different objectives.

5.9. Cultural Heritage Resources

*Objective*⁵⁶: The objective set by government for cultural heritage resources is to conserve, or, if necessary, protect cultural heritage resources that are the focus of a traditional use by an aboriginal people that is of continuing importance to that people, and not regulated under *the Heritage Conservation Act*

Applicable Area: All FDUs

Definitions:

- **Potentially Affected First Nations:** those First Nations who have identified areas of interest (as defined by the Consultative Areas Database⁵⁷) within the Thompson Rivers District.
- Affected Cultural Heritage Resource: a cultural heritage resource (CHR), geographically associated with the planned forest harvesting, road building or site prep activities, to which the objective set by government in Section 10 of the FPPR pertains;

CHR Evaluation: an office and/or field based process conducted by a person authorized by the Potentially Affected First Nation to assess the existence and significance of an Affected CHR; Strategy: The Holder of this FSP will

1. Follow any specific or general protocols that are developed and agreed to with First Nations.

- 2. In the absence of specific or general protocols, and prior to carrying out or authorizing primary forest activities,
 - Annually refer areas identified for proposed forest harvesting, road construction or site preparation to **Potentially Affected First Nations**, when these proposed activities fall within their identified area of interest, requesting specific information regarding CHR values;
 - b) Complete a CHR Evaluation where requested by the Potentially Affected First Nation.
 - c) If a CHR Evaluation identifies an Affected CHR in or adjacent to a proposed cutblock or road, work with Potentially Affected First Nations to develop strategies to mitigate the direct impact of the proposed forest harvesting, site preparation or road construction on the affected CHR, based on:
 - (i) The relative value or importance of the **affected CHR** to a traditional use by a First Nation;
 - (ii) The relative abundance or scarcity of the affected CHR;
 - (iii) The historical extent of the traditional use of the affected CHR and
 - (iv) Options for mitigating the impact of the proposed primary forest activities on the affected CHR;
 - (v) The impact that conserving or protecting the affected CHR has on the Holder of this FSP's ability to implement the proposed primary forest activities⁵⁸.

⁵⁶ FPPR Section 10

⁵⁷ http://maps.gov.bc.ca/ess/sv/cadb/

⁵⁸ FPPR Schedule 1 Factor 4 accessed Aug 9, 2018

- d) In the event that an agreement cannot be reached regarding the **Affected CHR**, the holder of this **FSP** will:
 - (i) Seek the advice from MFLNRORD District Staff on how best to proceed;
 - (ii) Consider FPPR Schedule 1 Section 4 Factors and the advice from MFLNRORD District Staff, to develop and implement mitigation strategies that will ensure that the Affected CHR is conserved or if necessary, protected; and
 - (iii) Share the management strategies with the **Potentially Affected First Nation.**
- e) If a specific previously unidentified **Affected CHR** is identified during forest harvesting, road construction or site preparation activities, modify or stop work to the extent necessary to protect the **Affected CHR**, notify MFLNRORD District Staff and then complete 2, c or d.

5.10. Archaeological Assessments

*Objective*⁵⁹: Undertake archaeological assessments in all High and Medium Potential areas identified in the Archaeological Overview Assessment.

Applicable Area: All FDUs.

Definitions:

- **Archaeological Overview Assessment:** the process as defined in the 'Guidelines for Archaeological Overview Assessment (AOA) Process for Forest Development Planning in the Kamloops TSA⁶⁰, as updated from time to time.
- **AOA Model**: a risk assessment tool designed to assess the probability of finding archaeological evidence and is used to suggest sites that may require more detailed field assessments.
- **Archaeological Evaluation:** Assessments as determined by the current 'Guidelines for the Archaeological Overview Assessment (AOA) Process for Forest Development Planning in the Kamloops TSA⁶¹
- Affected Archaeological Resources⁶²: the physical remains of past human activity as defined by the *Heritage Conservation Act* that are susceptible to damage caused by primary forest activities;
- **Participating First Nations:** All First Nations communities as listed in the current 'Guidelines for the Archaeological Overview Assessment (AOA) Process for Forest Development Planning in the Kamloops TSA', as updated from time to time.
- **Potentially Affected First Nations:** those First Nations who have identified areas of interest (as defined by the Consultative Areas Database⁶³).

⁵⁹ Kamloops LRMP Section 2.1.16 and HLP Order of January 23, 2006

⁶⁰ Guidelines for the Archaeological Overview Assessment (AOA) Process for Forest Development Planning in Kamloops TSA; https://www.for.gov.bc.ca/dka/DistrictPoliciesProcedures/Archaeology/Docs/Implementation%20Guidelines%20Sept%202013_V2.0 .pdf accessed Aug 8, 2018

⁶¹ Guidelines for the Archaeological Overview Assessment (AOA) Process for Forest Development Planning in Kamloops TSA; https://www.for.gov.bc.ca/dka/DistrictPoliciesProcedures/Archaeology/Docs/Implementation%20Guidelines%20Sept%202013 V2.0 .pdf accessed Aug 8, 2018

 ⁶² Source: British Columbia Archaeological Resource Management Handbook; accessed June 1, 2017
 <u>https://www.for.gov.bc.ca/Archaeology/docs/resource_management_handbook/index.htm#arch</u>
 ⁶³ http://maps.gov.bc.ca/ess/sv/cadb/

Strategy: Before carrying out or authorizing primary forest activities, the Holder of this FSP will:

- Annually refer areas of proposed forest harvesting, road construction or site preparation to Potentially Affected First Nations to request specific information regarding archaeological values.
- 2. Where the **Potentially Affected First Nations** is a **Participating First Nations**, the **Holder of this FSP** will ensure that an **Archaeological Evaluation** is carried out for areas that overlap medium and high potential areas shown in the **AOA Model**.
- 3. If the **Potentially Affected First Nations** is not a **Participating First Nations**, before carrying out or authorizing primary forest activities, the **Holder of this FSP** will work with the First Nations community to carry out an archaeological assessment that complies with the *Heritage Conservation Act*.
- 4. For all Potentially Affected First Nations if the presence of an Affected Archaeological Resource is found through an Archaeological Evaluation or archaeological assessment that complies with the *Heritage Conservation Act*, the Holder of this FSP will:
 - a) Work with the Potentially Affected First Nations to develop and implement strategies to mitigate the direct impact of the primary forest activities on the Affected Archaeological Resource.
 - b) In the event that agreement cannot be reached regarding the Affected Archaeological Resource, the Holder of this FSP will:
 - (i) Seek the advice from MFLNRORD District Staff on how best to proceed;
 - (ii) Consider the advice from MFLNRORD District Staff, to develop and implement mitigation strategies that will ensure that the Affected Archaeological Resource is conserved or if necessary, protected in compliance with the *Heritage Conservation Act*, and
 - (iii) Share the management strategies with the **Potentially Affected First Nation**.
 - c) If a previously unidentified **Affected Archaeological Resource** is identified during forest harvesting, road construction or site preparation activities, modify or stop work to the extent necessary to protect the **Affected Archaeological Resources**, then complete 4 a or b.

5.11. Settlement Area Objectives

*Objective*⁶⁴: Manage land within community growth boundaries to meet the objectives set out in approved community land use plans.

Applicable Area: Settlement Resource Management Zones (See Appendix A).

Strategy: Before carrying out or authorizing primary forest activities in the Settlement Resource Management Zones, the **Holder of this FSP** will ensure compliance with any approved community land use plans.

⁶⁴ Kamloops LRMP Section 2.2 and HLP Order of January 23, 2006

5.12. Range

Objective⁶⁵: Minimize tree/grass/cattle conflicts through integrated management practices.

Applicable Area: All FDUs.

Definitions:

Range Agreement Holder: the holder of a grazing tenure that is issued under the Range Act or Land Act

Strategy: Before carrying out or authorizing primary forest activities, the Holder of this FSP will:

- Prior to the finalization of site plans and/or road permits, notify potentially impacted range agreement holder(s), as determined by a QRP, of primary forest activities within or adjacent to their range agreement to solicit their input.
- 2. Where a range agreement holder indicates that conflict between timber and range management may arise, work with the potentially affected range agreement holder(s) to develop strategies to minimize or mitigate the potential impact of the proposed activities on the range agreement through integrated management practices.
- 3. In the event that an agreement cannot be reached in (2), the Holder of this FSP will:
 - a) Seek advice from MFLNRORD District staff;
 - b) Consider the advice from MFLNRORD District staff to develop strategies to minimize or mitigate the potential impact of the proposed activities on the range agreement through integrated management practices.
 - c) Communicate back to the range agreement holder and MFLNRORD District staff what management strategies, will be undertaken to minimize or mitigate the potential impact of the proposed activities on the range tenure through integrated management practices.
- 4. Where there is a vacant or an unallocated range agreement, the Holder of this FSP will;
 - a) Seek advice from MFLNRORD District staff;
 - b) Consider the advice from MFLNRORD District staff to develop strategies to minimize or mitigate the potential impact of the proposed activities on the range tenure through integrated management practices; and
 - c) Communicate back to MFLNRORD District staff what management strategies, will be undertaken to minimize or mitigate the potential impact of the proposed activities on the range tenure through integrated management practices.
- 5. Ensure that primary forest activities are conducted in a manner consistent with the management strategy.

⁶⁵ Kamloops LRMP Section 2.1.10 and HLP Order of January 23, 2006

6. Measures – Natural Range Barriers and Invasive Plants

6.1. Natural Range Barriers

Requirement: A person who prepares a forest stewardship plan must specify measures to mitigate the effect of removing or rendering ineffective natural range barriers⁶⁶. The following measures will be undertaken by the **Holder of this FSP** in all **FDU** areas that contain or are adjacent to range tenures.

Applicable Area: All FDUs.

Definitions

Natural Range Barrier: a river, a rock face, dense timber or other naturally occurring feature that stops or significantly impedes livestock movement to and from an adjacent area⁶⁷.

Range Agreement Holder: the holder of a grazing tenure that is issued under the Range Act or Land Act

Measures: In relation to the objectives set by government to mitigate the effect of removing or rendering ineffective **Natural Range Barriers**, the holder of this **FSP** will, prior to carrying out or authorizing primary forest activities:

- Prior to the finalization of site plans and/or road permits, notify potentially impacted range agreement holder(s), as determined by a QRP, of primary forest activities within or adjacent to their range agreement to solicit their input.;
- Where a range agreement holder indicates that primary forest activities may remove or render ineffective a Natural Range Barrier, work with the potentially affected range agreement holder(s) to develop strategies to minimize or mitigate the potential impact of the proposed activities on the Natural Range Barrier.
- 3. In the event that an agreement cannot be reached in (2),
 - a) Seek advice from MFLNRORD District staff;
 - b) Consider the advice from MFLNRORD District staff to develop management strategies that mitigate the effect of removing or rendering the ineffective natural range barrier
 - c) Communicate back to the range tenure holder and MFLNRORD District staff what management strategies, will be undertaken
- 4. Where there is a vacant or an unallocated range agreement, the Holder of this FSP will;
 - a) Seek advice from MFLNRORD District staff;
 - b) Consider the advice from MFLNRORD District staff to develop strategies to minimize or mitigate the potential impact of the proposed activities on the range tenure through integrated management practices; and
 - c) Communicate back to MFLNRORD District staff what management strategies, will be undertaken to minimize or mitigate the potential impact of the proposed activities on the range tenure through integrated management practices.

⁶⁶ FRPA Section 48, **FPPR** Section 18

⁶⁷ Ministry of Forests and Range Definitions of Forestry Terms as referenced in FRPA General Bulletin #21. February 2009.

d) Ensure that primary forest activities are conducted in a manner consistent with the management strategy.

6.2. Invasive Plants

Requirement: A person who prepares a forest stewardship plan must specify measures in the plan to prevent the introduction or spread of species of plants that are invasive plants under the Invasive Plants Regulation, if the introduction is likely to be a result of the person's forest practices⁶⁸.

Applicable Area: All FDUs.

Definitions

Invasive Plant Species: those plants defined in the Invasive Plants Regulation (January 31, 2004) as amended from time to time.

Infested Sites: means a site occupied by an Invasive Plant Species

Personnel: means persons working on behalf of the **Holder of this FSP** conducting activities such as road and cutblock development, site plan data collection, road and logging supervision, and silviculture surveys.

Measures: The Holder of this FSP will:

- Provide annual training to **Personnel** on reporting and identification of **Invasive Plant** Species;
- 2. Prior to carrying out or authorizing primary forest activities within an FDU:
 - a) consult the Invasive Alien Plant Program (IAPP) Application⁶⁹ database to locate known Infested Sites, and integrate these sites into site-level plans for development;
 - b) Report any previously unidentified Invasive Plant Species, as identified by Personnel, to the 'Report-A-Weed' app (<u>https://www.for.gov.bc.ca/hra/Plants/raw.htm</u>) within 30 days of the Holder of this FSP becoming aware of the new infestation;
 - c) Where practicable, design cutblock and road locations to avoid **Infested sites** when determining staging, parking and log sorting areas;
 - d) Where practicable and where there is an Infested Site located within a cutblock; to which this FSP applies, notify contractors and licensees to carry out primary forest activities in non-Infested Sites before moving to Infested sites;
- Prior to Personnel carrying out primary forest activities or the Holder of this FSP authorizing primary forest activities that will result in creating contiguous areas of disturbed soil ≥ 0.01ha, the Holder of this FSP will ensure that:
 - a) within one year of the completion of the activities, the portions of the area occupied by ditch-lines, cut-or-fill slopes, and deactivated roads (which are not reforested and not including active road running surfaces) will be seeded using:
 - A seed or forage mixture that meets or exceeds Canada Common Number 1
 Forage Mixture as defined by the *Canada Seeds Act* and Regulation, or

⁶⁸ FRPA Section 47, **FPPR** Section 17

⁶⁹ Invasive Alien Plant Program (IAPP) website <u>https://www.for.gov.bc.ca/hra/Plants/application.htm</u>

(ii) native forbs or shrubs.

 b) Where areas have been seeded, inspect the areas within 12 months of seeding to ensure successful establishment (i.e. >90% cover), and repeat one additional seeding if there is <90% cover.

7. Stocking Standards

All stocking requirements are applicable across the entire FSP area (all FDUs).

Legal Reference:	Section 29 (2) of the Act and Section 16 and 44(1) of the FPPR
Scale of Measurement.	Cutblock
Map Reference:	N/A

Where required under **FRPA** to establish a free growing stand with respect to timber harvesting governed by this **FSP**, the **Holder of this FSP** will do so in accordance with the coniferous (even- aged), coniferous (uneven-aged), and deciduous stocking standards in Appendix B. These stocking standards, as previously approved, will remain in effect until changes are required to implement the updated Biogeoclimatic Ecosystem Classification (BEC) and associated Land Management Handbooks.

When required, an amendment will be made to incorporate the stocking standards and variations, as developed by the Thompson Okanagan Stocking Standards Working Group.

For areas where the Holder of this FSP authorizes commercial thinning or other similar type of intermediate cutting, stocking standards for the residual stand will be applied as per Table 9 and/or Section B.4.

APPENDIX A – Forest Stewardship Plan Maps Table 8: Landscape Unit Based FDU Maps for the BCTS Thompson Rivers District FSP.

Forest Development Units	Map #
Upper N. Thompson/Albreda	1
Thunder Blue/Mud	2
Tum Tum/Avola	3
Raft/Clearwater/Vavenby	4
Mad/Mica/Cayenne	5
Nehalliston/Dunn/Darfield/Bonaparte	6
Adams Lake/Barriere	7
Deadman/Tranquille/Skull	8
Heffley/Louis Creek/Lower Adams	9
Lower Bonaparte/Hat Creek/Ashcroft	10
Lac du Bois/Dewdrop/S. Kamloops/Upper Guichon/Stump Lake	11
Campbell	12

Maps provided under separate cover.

APPENDIX B – Stocking Standards

B.1. General Discussion B.1.1. Minimum Inter-Tree Distance

The minimum inter-tree distance may be reduced to 1.5 meters from the 2 meters stated in the stocking standards if the Site Plan has identified any of the following criteria:

- hygric or wetter sites
- mechanical site preparation (including mounding, patch scarification and disc trenching)
- group planting (eg. Grizzly habitat, Caribou Management Guidelines)
- very rocky soils
- areas with a high potential for cattle congregation
- sites with a significant number of wildlife trees
- riparian management zones with a high residual component
- sites that will be stumped to manage root rot
- partial cut areas with an abundance of residual regeneration.
- very harsh sites where protected microsites are critical (e.g. Shade, snow creep)

B.1.2. Crop Tree/Brush Ratio

Table 9: Percent height above brush by BEC Zone

Percent Height above Brush	Biogeoclimatic Zone
125	ESSF, IDF, MS, PP, BG
150	ICH, SBPS,SBS

B.1.3. Characteristics of Retained Trees

In the situation or circumstances where trees are retained to form either an even-aged or an uneven aged stand following timber harvesting the minimum characteristics of trees to be retained will be consistent with the tree characteristics as specified in the Silviculture Survey Reference cards (FS 660-1 HFP 01/05).

B.1.4. Mixed Wood Stocking Standards

Broadleaf species will be used as preferred or acceptable well-spaced trees in conjunction with suitable conifers where a predominantly broadleaf stand is being harvested for commercial use and there is a reasonable expectation of returning that site to a commercially valuable broadleaf stand. Consistent with the **Kamloops LRMP**, the option is available to use mixed wood stocking standards in areas with predominantly deciduous to create a stand similar to the pre-harvest stand.

B.1.5. Broadleaf Stocking Standards

- Broadleaf Stocking Standards will be used on sites of pure deciduous or at least greater than 80% deciduous component by net cruise volume.
- Free growing height will be equal to the tallest conifer height for the site series/stocking standard ID.

B.1.6. Regeneration Delay

• Regeneration delay will be 4 years unless the site plan identifies natural regeneration for the block or SU then regeneration delay will be set up to a maximum of 7 years.

B.1.7. Maximum Density

- Maximum density for Lodgepole pine leading stands is 25,000 countable stems per hectare.
- Lodgepole pine leading stands are stands where pine component is ≥80 percent of the inventory label.
- For all other species and mixed pine stands where pine component is less than 80 percent by inventory, maximum density will be 10,000 countable stems per hectare.

B.1.8. White Pine

- Where white pine is an acceptable species in the attached stocking standards, planted rust resistant stock will be considered preferred, to a maximum of 50% of total preferred and acceptable well-spaced stems.
- Natural regenerated or non-rust resistant planted white pine to be pruned to 1.3 meter height to reduce white pine blister rust. White pine to be pruned only if accounting for more than 5% of the required stems per hectare to meet minimum free growing numbers. If less than 5% then accept unpruned white pine as free growing.

B.1.9. Deviation From Potential Stocking Standards and Survey methodology

Partial Cutting stocking standards may be used to define and assess stocking success in partial cut standards units (SUs) applied to even-aged Silviculture systems that have retained a minimum of 5m²/ha of residual basal area. Details of the methodology and process are contained in the background materials. Intent is to use these standards primarily where an Intermediate Cut No Regeneration Objectives Silviculture System is being used to meet necessary site objectives including but not limited to: Visuals, Wildlife, Adjacency, Range Management, Beetle Managemenet in areas oflower Beetle attach and susceptible host rees. (See Partial Cutting Stocking Standards – Appendix B)

B.2. Even Aged Stocking Standards

Table 10: Even Aged Stocking Standards

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural					Ministry of Forests			Page:	1 of 93
District:	Resource District null				FDP a	FSP Stocking Standards Rep	port		Date Printed:	2018-07-31 08:46:32
Client Num	ber: All								User ID:	idir_mtsoi
Status Code	e:								Database:	DBP01
BGC Zone:		BGC SubZone:							Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id								File:	
Comments:	:	District Default Ind:								
	MOF		Species	Stocking (w/s)		Offsets		Max Density Post Spacing		
<u>ID</u>	Default Std Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	Min Mi Targ Stck Pre	n Min Regen f Horz Obl.	Erl No Lt No RG RG RG	Erl Lt Ht Rel to	Max Conf Min Max	- Resid Effective Expiry BA Date Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest	FSP ID: 66		Amendment: 0			Status: Approv	ved		
Org Unit: 1	Development Plan Thompson Rivers Natural Resource District									
Client:	TIMBER SALES MANAGER KAMLOOPS,									
1005273	N BCTS Kamloops and BG xh 2 03 Clea FSP	arwater I PY(.6)		400 200 20	0 2.0 Y	4	20 125%		2007-01-01 00:00:	RESULTS_ IDIR\CDUR CONV NIN
							(PY27) : PY-p	Ac artial canopy cover required for suc	Iditional Standards Notes ccessful establishment: (ALL520) : ALL SI	PECIES - site series not recommended for
							logging MITD may be	reduced to 1.5m if the site plan has	s identified site specific criteria as listed in nen it can be set up to a max. of 7 years.	
							Regime Statu Geographic: S	s: APP Stocking standards cover BCTS FSI	P in DKA and DHW	
1005274	N BCTS Kamloops and BG xh 2 04	I PY(.6)	FDI(.6)	400 200 20	0 2.0 Y	4	20 125%		2007-01-01	RESULTS_ IDIR\CDUR
	Clearwater FSP								00:00:	CONV NIN
							establishment MITD may be	artial canopy cover required for suc ;; (ALL520) ; ALL SPECIES - site se reduced to 1.5m if the site plan has	Iditional Standards Notes ccessful establishment; (FDI27) ; FDI-parti aries not recommended for logging is identified site specific criteria as listed in nen it can be set up to a max. of 7 years.	
							Regime Statu Geographic: S	s: APP Stocking standards cover BCTS FSI	P in DKA and DHW	
1005275	N BCTS Kamloops and BG xh 2 07	I FDI(.6) PY(.6)	SX(.6)	400 200 20	0 2.0 Y	4	20 125%		2007-01-01	RESULTS_IDIR\CDUR
	Clearwater FSP								00:00:	CONV NIN
								Ac	ditional Standards Notes	

Additional Standards Notes (FDI1) ; FDI-elevated microsites are preferred; (PY1) ; PY-elevated microsites are preferred; (SX1) ; SX-elevated microsites are preferred; (ALL520) ; ALL SPECIES - site series not recommended for logging MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page:	2 of 93
District:	Resource District null		FDP	& FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32
Client Numbe	er: All					User ID:	idir_mtsoi
Status Code:						Database:	DBP01
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	Dist	rict Default Ind:					
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing		
	Default td Ind <u>Name BEC Layer</u>	Pref SPP/HtAcc Spp/H	Min Min Min Regen t Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rel to RG RG RG FG FG Comp	Max Conf Min Max	Resid Effective Expiry BA Date Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66	Amendment: 0	Status: App	proved		
Org Unit:	Thompson Rivers Natural Resource Dist	rict					
Client:	TIMBER SALES MANAGER KAMLOOP	S,					
				Regime Sta Geographic	tus: APP : Stocking standards cover BCTS FSP i	n DKA and DHW	
1005276	N BCTS Kamloops and BG xw 1 03	I PY(.6) FDI(.6)	400 200 200 2.0 Y	4 20 125%		2007-01-01	RESULTS_ IDIR\CDUR
	Clearwater FSP					00:00:	CONV NIN
				èstablishme MITD may b	-partial canopy cover required for succe nt; (ALL520) ; ALL SPECIES - site serie	dentified site specific criteria as listed in th	
				Regime Sta Geographic	tus: APP : Stocking standards cover BCTS FSP i	n DKA and DHW	
1005277	N BCTS Kamloops and BG xw 1 05	I PY(.6) FDI(.6)	400 200 200 2.0 Y	4 20 125%		2007-01-01	RESULTS_IDIR\CDUR
	Clearwater FSP					00:00:	CONV NIN
				Regime Sta Geographic		n DKA and DHW	
1005070							
1005278	N BCTS Kamloops and BG xw 1 08 Clearwater FSP	l FDI(.6)	1200 700 600 2.0 Y	4 20 125%		2007-01-01 00:00:	RESULTS_IDIR\CDUR CONV NIN
					dbA	itional Standards Notes	
				(EDI32) : EE	I-limited by growing-season frosts		

(FDI32); FDI-limited by growing-season frosts MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null								Ministry of Fore				Page: Date Printed:	3 of 2018-07-31 08:46:3	
Client Number								FDP d	FSP Stocking Stan	dards Report			User ID:	idir_mtsoi	52
Status Code:													Database:	DBP01	
BGC Zone:		BGC SubZone:											Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id												File:		
Comments:	Dist	rict Default Ind:													
	MOF		Species	:	Stocking	(w/s)			Offset	5	_	Max Density Post Spacing			
	Default d Ind Name <u>BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Sto	Min k	Min Pref	Min Re Horz Obl.	egen	Erl No RG RG		t Ht Rel to Comp	Max Resid Effective Conf Min Max BA Date	Expiry Date		Approved 3y
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Dist	FSP ID : 66			Amend	lment: ()			State	us: Appro	oved			
Client:	TIMBER SALES MANAGER KAMLOOP	S,													
											Regime Status Geographic: St	:: APP tocking standards cover BCTS FSP in DKA and DHW			
1005279	N BCTS Kamloops and ESSF dc 1 01 Clearwater FSP	I PLI(1.6) SE(.8)	BL(.8)	1200	700	600	2.0	Y	4	2	0 125%		7-01-01 0:00:		IDIR\CDUR NIN
												Additional Standards reduced to 1.5m if the site plan has identified site specif n identifies natural regeneration when it can be set up to	ic criteria as listed in th	ne FSP. Regen delay will	be 4 years
											Regime Status Geographic: St	:: APP tocking standards cover BCTS FSP in DKA and DHW			
1005280	N BCTS Kamloops and ESSF dc 1 02 Clearwater FSP	I PLI(1.2)	BL(.6) SE(.6)	1000	500	400	2.0	Y	4	2	0 125%		7-01-01 0:00:	RESULTS_ IDIR CONV	\CDUR NIN
											MITD may be r	Additional Standards stricted to upper elevations of biogeoclimatic unit reduced to 1.5m if the site plan has identified site specif n identifies natural regeneration when it can be set up to	ic criteria as listed in th	ne FSP. Regen delay will	be 4 years
											Regime Status Geographic: St	:: APP tocking standards cover BCTS FSP in DKA and DHW			
1005281	N BCTS Kamloops and ESSF dc 1 03 Clearwater FSP	I PLI(1.2)	BL(.6) SE(.6)	1000	500	400	2.0	Y	4	2	0 125%		7-01-01 0:00:	RESULTS_ IDIR CONV	\CDUR NIN
												Additional Standards	Notes		
											Regime Status Geographic: St	: APP tocking standards cover BCTS FSP in DKA and DHW			
1005282	N BCTS Kamloops and ESSF dc 1 04 Clearwater FSP	I PLI(1.6) SE(.8)	BL(.8)	1200	700	600	2.0	Y	4	20	125%		7-01-01 0:00:	RESULTS_ IDIR CONV	\CDUR NIN

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null						EDP &	Ministry of For						Page: Date Printed:	4 2018-07-31 08:4	of 93
Client Number:							i bi a	Tor blocking bla						User ID:	idir mtsoi	0.52
Status Code:	, , , ,													Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Di	strict Default Ind:														
r	MOF Default	S	pecies	Stoc	king (w/s)			Offse	ts			Max Density Post Spacing				
	Ind	er Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Min Pref	Min R Horz Obl		Erl No RG RG		Erl LtH FG FG	It Rel to Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Am	endment	0				Status	s: Approved	ł				
Org Unit:	Thompson Rivers Natural Resource Di	strict														
Client:	TIMBER SALES MANAGER KAMLOO	PS.														
		- ,														
											MITD may be reduc	Add ed to 1.5m if the site plan has in	litional Standards No		ESP Pagan dalay	will be 4 years
												ntifies natural regeneration whe			e For. Regen delay	will be 4 years
											Regime Status: API Geographic: Stocki	P ng standards cover BCTS FSP	in DKA and DHW			
1005283	N BCTS Kamloops and ESSF dc 1 05 Clearwater FSP	I PLI(1.2) SE(.6)	BL(.6)	1000 5	400	2.0	Y	4		20	125%		2007- 00:0	-01-01 00:	RESULTS_ CONV	IDIR\CDUR NIN
													litional Standards No			
											MITD may be reduc	ed to northerly aspects; (BL13) ed to 1.5m if the site plan has in ntifies natural regeneration whe	dentified site specific c	riteria as listed in the		will be 4 years
											Regime Status: API Geographic: Stocki	P ng standards cover BCTS FSP	in DKA and DHW			
1005284	N BCTS Kamloops and ESSF dc 1 06	I PLI(1.2) SE(.6)	BL(.6)	1000 5	400	2.0	Y	4		20	125%		2007-0	1-01	RESULTS_II	DIR\CDUR
	Clearwater FSP												00:00	0:	CONV	NIN
													litional Standards No			
												d microsites are preferred; (SE ving-season frosts; (BL1) ; BL-e				g-season
												ed to 1.5m if the site plan has in ntifies natural regeneration whe			e FSP. Regen delay	will be 4 years
											Regime Status: API					
1005285	N BCTS Kamloops and ESSF dc 2 01	I PLI(1.6) SE(.8)	BL(.8)	1200 7	00 600	2.0	Y	4		20	125%		2007-0		RESULTS_II	
	Clearwater FSP												00:00	0:	CONV	NIN

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null			Ministry of Forests FDP & FSP Stocking Standards Report												5 2018-07-31 08:	of 93 46:32
Client Number	r: All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:	Dis	strict Default Ind:															
	MOF		Species	Sto	cking (w/s)			Offsets				Density Post	t				
	Default d Ind <u>BEC Laye</u>	r Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Min Pre	n Min F f Horz Ob	Regen I.	Erl No RG RG	LtNo Erl Lt RG FG FG	Ht Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Ar	nendmen	1:0			Statu	s: Appro	oved						
Org Unit:	Thompson Rivers Natural Resource Dis	strict															
Client:	TIMBER SALES MANAGER KAMLOOF	PS,															
Client:	TIMBER SALES MANAGER KAMLOOF	PS,												tional Standards No			
Client:	TIMBER SALES MANAGER KAMLOOF	PS,											plan has id		criteria as listed in	the FSP. Regen delay	will be 4 years
Client:	TIMBER SALES MANAGER KAMLOOF	PS,								unless site plan Regime Status:	n identifies na : APP	tural regener	plan has id ation when	entified site specific of	criteria as listed in	the FSP. Regen delay	will be 4 years
Client:	N BCTS Kamloops and ESSF dc 2 02 Clearwater FSP	PS, I PLI(1.2)	BL(.6) SE(.6)	600	400 40	0 2.0	Y	4	20	unless site plan Regime Status: Geographic: Sto	n identifies na : APP	tural regener	plan has id ation when	entified site specific of it can be set up to a n DKA and DHW	riteria as listed in max. of 7 years. -01-01	the FSP. Regen delay RESULTS_ CONV	iDIR\CDUR NIN
	N BCTS Kamloops and ESSF dc 2 02		BL(.6) SE(.6)	600	400 40	0 2.0	Y	4	20	unless site plan Regime Status: Geographic: Sto 125% (PLI52) ; PLI-re: (ALL520) ; ALL MITD may be re	a identifies na : APP ocking standa estricted to sh . SPECIES - s educed to 1.5	tural regener ards cover BC eltered micro site series no im if the site	plan has id ation when CTS FSP ir Addii sites with o t recomme plan has id	entified site specific c it can be set up to a DKA and DHW 2007 00: t ional Standards No deep soil; (BL13) ; BL nded for logging	criteria as listed in max. of 7 years. -01-01 00: -restricted to uppe criteria as listed in	RESULTS_	IDIR\CDUR NIN climatic unit;
	N BCTS Kamloops and ESSF dc 2 02		BL(.6) SE(.6)	600	400 40	0 2.0	Y	4	20	unless site plan Regime Status: Geographic: Sto 125% (PLI52) ; PLI-re: (ALL520) ; ALL MITD may be re unless site plan Regime Status:	n identifies na : APP ocking standa stricted to sh . SPECIES - s educed to 1.5 n identifies na : APP	tural regener ards cover BC eltered micro site series no m if the site tural regener	plan has id ation when CTS FSP ir Sites with o t recomme plan has id ation when	entified site specific c it can be set up to a DKA and DHW 2007 00: tional Standards No deep soil; (BL13); BL nded for logging entified site specific c	criteria as listed in max. of 7 years. -01-01 00: -restricted to uppe criteria as listed in	RESULTS_ CONV	IDIR\CDUR NIN climatic unit;
	N BCTS Kamloops and ESSF dc 2 02		BL(.6) SE(.6) BL(.6) SE(.6)		400 40 500 40		Y	4	20	unless site plan Regime Status: Geographic: Sto 125% (PLI52) ; PLI-re: (ALL520) ; ALL MITD may be re unless site plan Regime Status: Geographic: Sto	n identifies na : APP ocking standa stricted to sh . SPECIES - s educed to 1.5 n identifies na : APP	tural regener ards cover BC eltered micro site series no m if the site tural regener	plan has id ation when CTS FSP ir Sites with o t recomme plan has id ation when	entified site specific c it can be set up to a DKA and DHW 2007 00: tional Standards No deep soil; (BL13) ; BL nded for logging entified site specific c it can be set up to a	criteria as listed in max. of 7 years. -01-01 00: -restricted to uppe criteria as listed in max. of 7 years.	RESULTS_ CONV er elevations of biogeo the FSP. Regen delay RESULTS_ I	IDIR\CDUR NIN climatic unit; will be 4 years
1005286	N BCTS Kamloops and ESSF dc 2 02 Clearwater FSP N BCTS Kamloops and ESSF dc 2 03	I PLI(1.2)						4		unless sife plan Regime Status: Geographic: Sto 125% (PLI52) ; PLI-re: (ALL520) ; ALL MITD may be re unless site plan Regime Status: Geographic: Sto 125% (BL13) ; BL-rest MITD may be re	n identifies na : APP ocking standa estricted to sh . SPECIES - s educed to 1.5 n identifies na : APP ocking standa tricted to upp educed to 1.5	tural regener ards cover BC eltered micro site series no im if the site tural regener ards cover BC er elevations im if the site	plan has id ation when CTS FSP ir CTS FSP ir Disites with o t recomme plan has id ation when CTS FSP ir Addii o of biogeoc plan has id	entified site specific c it can be set up to a DKA and DHW 2007 00: tional Standards No deep soil; (BL13) ; BL nded for logging entified site specific c it can be set up to a DKA and DHW 2007-0 00:0 tional Standards No limatic unit	criteria as listed in max. of 7 years. -01-01 00: btes -restricted to upper criteria as listed in max. of 7 years. 	RESULTS_ CONV er elevations of biogeo the FSP. Regen delay	IDIR\CDUR NIN climatic unit; will be 4 years DIR\CDUR NIN
1005286	N BCTS Kamloops and ESSF dc 2 02 Clearwater FSP N BCTS Kamloops and ESSF dc 2 03	I PLI(1.2)						4		unless sife plan Regime Status: Geographic: Sto 125% (PLI52) ; PLI-re: (ALL520) ; ALL MITD may be re unless site plan Regime Status: Geographic: Sto 125% (BL13) ; BL-rest MITD may be re unless site plan Regime Status:	n identifies na : APP ocking standa estricted to sh SPECIES - s educed to 1.5 n identifies na : APP ocking standa etricted to upp educed to 1.5 n identifies na : APP	eltered micro site series no m if the site tural regener ards cover BC	plan has id attion when CTS FSP ir Sites with d t recomme plan has id atton when CTS FSP ir Addii s of biogeoc plan has id attion when	entified site specific c it can be set up to a DKA and DHW 2007 00: tional Standards No feep soil; (BL13) ; BL nded for logging entified site specific c it can be set up to a DKA and DHW 2007-0 00:0 tional Standards No climatic unit entified site specific c	criteria as listed in max. of 7 years. -01-01 00: btes -restricted to upper criteria as listed in max. of 7 years. 	RESULTS_ CONV er elevations of biogeo the FSP. Regen delay RESULTS_ I CONV	IDIR\CDUR NIN climatic unit; will be 4 years DIR\CDUR NIN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Minis	stry of Fores	ts					Page:	6	of 93
District:	Resource District null					FDP	& FSP Sto	cking Stand	ards Report					Date Printed:	2018-07-31 08:4	16:32
Client Number	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:		District Default Ind:														
	MOF Default		Species	Stocki	ing (w/s)			Offsets			Ма	x Density Post Spacing				
	d Ind	ayer Pref SPP/Ht	Acc Spp/Ht	N Targ Stck	lin Min Pref	Min Regen Horz Obl.	RG	Erl No RG	Lt No Erl RG FG F	Lt Ht Rel to G Comp	Max Conf	Min Ma	Resid Effective	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Ame	endment:	0			:	Status: A	pproved					
Org Unit:	•	District														
Client:	TIMBER SALES MANAGER KAMLC	OOPS,														
													Additional Standards No	Ntos.		
														Jies		
										Re	egime Status: AP		andards cover BCTS FSF	in DKA and DHW		
1005289	N BCTS Kamloops and ESSF dc 2 05	I PLI(1.2) SE(.6)	BL(.6)	1000 50	0 400	2.0 Y	4			20 125%		ographic. Otocking a		7-01-01		
	Clearwater FSP		()										00	:00:	RESULTS_ CONV	IDIR\CDUR NIN
													Additional Standards No			
										MITD ma	y be reduced to '	1.5m if the site plan I	 13) ; BL-restricted to upper as identified site specific when it can be set up to a 	criteria as listed in the	oclimatic unit e FSP. Regen delay	will be 4 years
										Regime S	Status: APP	0	SP in DKA and DHW	,		
1005290	N BCTS Kamloops and ESSF dc 2 06	I PLI(1.6) SE(.8)	BL(.8)	1200 70	600	2.0 Y	4			20 125%			2007-0	01-01	RESULTS_II	DIR\CDUR
	Clearwater FSP												00:0	00:	CONV	NIN
													Additional Standards No	otes		
													has identified site specific when it can be set up to a		e FSP. Regen delay	will be 4 years
											Status: APP nic: Stocking star	ndards cover BCTS I	SP in DKA and DHW			
1005291	N BCTS Kamloops and ESSF dc 2 07	I PLI(1.6) SE(.8)	BL(.8)	1200 70	0 600	2.0 Y	4			20 125%	-		2007-0)1-01	RESULTS_II	DIR\CDUR
	Clearwater FSP												00:0		CONV	NIN
													Additional Standards No	otes		
												wing-season frosts 1.5m if the site plan I	as identified site specific	criteria as listed in the	e FSP. Regen delay	will be 4 years

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page: 7 of 93
District:	Resource District null		FDP	& FSP Stocking Standards Report		Date Printed: 2018-07-31 08:46:32
Client Number	r: All					User ID: idir_mtsoi
Status Code:						Database: DBP01
BGC Zone:		BGC SubZone:				Report ID: RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:
Comments:	Distri	ict Default Ind:				
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing	
	Default d Ind <u>Name BEC Laver</u> _	Pref SPP/Ht Acc Spp/I	Min Min Min Regen t Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rel to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Submitted Approved Date By By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Distri	FSP ID: 66	Amendment: 0	Status: Appro	oved	
Client:	TIMBER SALES MANAGER KAMLOOPS	5,				
				can be set up	to a max. of 7 years.	
				Regime	e Status: APP Geographic: Stocking standards cover BCTS FSP	in DKA and DHW
1005292	N BCTS Kamloops and ESSF dc 2 08 Clearwater FSP	I PLI(1.2) SE(.6) BL(.6)	1000 500 400 2.0 Y	4 20 125%	2007-00:6	-01-01 RESULTS_ IDIR\CDUR 00: CONV NIN
				; SE-limited by frosts MITD may be unless site pla Regime Status	Additional Standards No evated microsites are preferred; (SE1); SE-elevated micros y growing-season frosts; (BL1); BL-elevated microsites are reduced to 1.5m if the site plan has identified site specific c in identifies natural regeneration when it can be set up to a s: APP tocking standards cover BCTS FSP in DKA and DHW	sites are preferred; (SE32) preferred; (BL32) ; BL- limited by growing-season priteria as listed in the FSP. Regen delay will be 4 years
1005293	N BCTS Kamloops and ESSF mm 1 01 Clearwater FSP	I BL(.8) SE(.8) PLI(1.6)	1200 700 600 2.0 Y	4 20 125%	2007-0 00:00	0: CONV NIN
				unless site pla Regime Status	Additional Standards Nor reduced to 1.5m if the site plan has identified site specific c in identifies natural regeneration when it can be set up to a s: APP tocking standards cover BCTS FSP in DKA and DHW	criteria as listed in the FSP. Regen delay will be 4 years
1005294	N BCTS Kamloops and ESSF mm 1 02 Clearwater FSP	I BL(.6) PLI(1.2) SE(.6)	1000 500 400 2.0 Y	MITD may be	2007-0 00:01 Additional Standards No nited by moisture deficit; (SE28) ; SE-limited by moisture de reduced to 1.5m if the site plan has identified site specific c n identifies natural regeneration when it	0: CONV NIN tes ficit

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Ministry of F	orests					Page:	8	of 93
District:	Resource District null							FDP &	FSP Stocking S	tandards Repor	rt				Date Printed:	2018-07-31 08:4	6:32
Client Number:	All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:	Distri	ict Default Ind:															
	MOF Default		Species		Stockina (v	w/s)			Off	sets			Max Density Post Spacing				
	Ind	Pref SPP/Ht	Acc Spp/Ht	Targ Sto	Min k	Min Pref H	Min Re Iorz Obl.	egen	Erl N RG		Erl Lt FG FG	Ht Rel to Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest	FSP ID: 66			Amendr	ment: 0					Statu	s: Approv	ed				
Org Unit:	Development Plan Thompson Rivers Natural Resource Distr	ict															
Client:	TIMBER SALES MANAGER KAMLOOPS	S,															
												can be set up to a	a max of 7 years				
													·				
												Regime S	tatus: APP Geographic: Stocking stand	dards cover BCTS FSP	in DKA and DHW		
1005295	N BCTS Kamloops and ESSF mm 1 03	I PLI(1.2)	BL(.6)	1000	500	400	2.0	Y	4		20	125%		2007	-01-01	RESULTS_	IDIR\CDUR
	Clearwater FSP													00:	00:	CONV	NIN
												MITD may be rec	Add d by moisture deficit luced to 1.5m if the site plan has dentifies natural regeneration who		criteria as listed in the	e FSP. Regen delay	will be 4 years
												Regime Status: A Geographic: Stoc	NPP king standards cover BCTS FSP	in DKA and DHW			
1005296	N BCTS Kamloops and ESSF mm 1 04	I BL(.8) SE(.8)	PLI(1.6)	1200	700	600	2.0	Y	4		20	125%		2007-0	1-01	RESULTS_I	DIR\CDUR
	Clearwater FSP													00:0	0:	CONV	NIN
													Ad luced to 1.5m if the site plan has dentifies natural regeneration who		criteria as listed in the	e FSP. Regen delay	will be 4 years
												Regime Status: A	•		max of r yourd.		
1005297	N BCTS Kamloops and ESSF mm 1 05	I BL(.8) SE(.8)	PLI(1.6)	1200	700	600	2.0	Y	4		20	125%	-	2007-0	1-01	RESULTS_ID	DIR\CDUR
	Clearwater FSP			.200			2.0		·		20	.2070		00:0		CONV	NIN
													Add	ditional Standards No	tes		

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Minis	try of Fores	ts							Page:	9	of 93
District:	Resource District null						FDF	& FSP Stoo	cking Stand	ards Report							Date Printed:	2018-07-31 08:	46:32
Client Number	r: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:	I	BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:	Distric	t Default Ind:																	
	MOF		Species	Ste	ocking (w/s	s)			Offsets				Ma	ax Density F Spacing	ost				
	Default d Ind					Min	Min Regen		Erl No	Lt No Erl		Rel to	Max			Resid Effective	Expiry	Submitted	Approved
<u>ID</u>	<u>Name</u> <u>BEC</u> Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	F	Pref H	orz Obl.	RG	RG	RG FG FG)	Comp	Conf	Min	Max	BA Date	Date	By	Ву
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Ar	nendment:	: 0				St	atus:	Approv	red						
Org Unit: Tho	mpson Rivers Natural Resource District																		
Client:	TIMBER SALES MANAGER KAMLOOPS,																		
1005298	N BCTS Kamloops and ESSF mm 1 06 Clearwater	I BL(.8) SE(.8)	PLI(1.6)	1200	700	600	2.0 Y	4			20	125%				2007-01		RESULTS_	IDIR\CDUR
	FSP															00:00		CONV	NIN
											_				Ad	ditional Standards Not	es		
												Regime Status		ndordo oovo		in DKA and DHW			
											e	eographic. St	locking sta	indarus cove	I DUI 3 F 3F				
1005299		I BL(.6) SE(.6)	PLI(1.2)	400	200	200	2.0 Y	4			20	125%				2007-01	-01		
1003233	N BCTS Kamloops and ESSF mm 1 07 Clearwater FSP	102(.0) 02(.0)	1 LI(1.2)	400	200	200	2.0 1	-			20	12370				00:00		RESULTS_1	DIR\CDUR CONV NIN
															Ad	ditional Standards Not	es (· · · ·
											p	referred; (SE3	32) ; SE-lin	nited by grow	ing-season	2) ; BL-limited by growir frosts; (PLI1) ; PLI- elev			
											N		reduced to	1.5m if the s	ite plan has	identified site specific cr en it can be set up to a r		e FSP. Regen delay	will be 4 years
												Regime Status		naturai rege	neration who	en it can be set up to a r	lax. of 7 years.		
											G	Geographic: St	tocking sta	indards cove	r BCTS FSP	in DKA and DHW			
1005300	N BCTS Kamloops and ESSF vc 01 Clearwater FSP	I BL(.8) SE(.8)	HM(.8)	1200	700	600	2.0 Y	4			20	125%				2007-01 00:00		RESULTS_I CONV	DIR\CDUR NIN
	Clearwaler FSF														۸d	ditional Standards Not		CONV	INIIN
															ite plan has	identified site specific cr en it can be set up to a r	teria as listed in the	e FSP. Regen delay	will be 4 years
											R	Regime Status	: APP			in DKA and DHW	ian of ryears.		
1005301	N BCTS Kamloops and ESSF vc 02	I SE(.6)	BL(.6) HM(.6)	1000	500	400	2.0 Y	4			20	125%	5			2007-01	-01	RESULTS I	DIR\CDUR
	Clearwater FSP		()													00:00		CONV	NIN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Ministr	ry of Fores	s						Page:	10	of 93
District:	Resource District null							FDP &	FSP Stoc	king Stand	ards Report						Date Printed:	2018-07-31 08:4	46:32
Client Numbe	er: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:		BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:	C	istrict Default Ind:																	
	MOF Default		Species	:	Stocking (v	w/s)				Offsets			_	Max S	Density Post Spacing				
	itd Ind	er Pref SPP/Ht	Acc Spp/Ht	Targ Stc	Min k	Min Pref H	Min Re lorz Obl.	egen	RG	Erl No RG	Lt No Erl RG FG FG		t Rel to Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66			Amendr	nent: 0					S	Status	: Approv	ved					
Org Unit:	•	istrict																	
Client:	TIMBER SALES MANAGER KAMLOO	DPS,																	
															۱.۸	ditional Standards No	too.		
												-			Au	unional Standards No	nes		
													Regime S	Status: APP Geog		dards cover BCTS FSP	in DKA and DHW		
1005302	N BCTS Kamloops and ESSF vc 03	I BL(.6) SE(.6)	HM(.6)	1000	500	400	2.0	Y	4			20	125%			2007	-01-01		
	Clearwater FSP															00:	00:	RESULTS_ CONV	IDIR\CDUR NIN
												-			Ad	ditional Standards No	otes		
													Regime Status: Geographic: Sto		dards cover BCTS FSF	in DKA and DHW			
1005303	N BCTS Kamloops and ESSF vc 04	I BL(.8) SE(.8)	HM(.8)	1200	700	600	2.0	Y	4			20	125%	•		2007-0	1-01	RESULTS_I	DIR\CDUR
	Clearwater FSP															00:0	00:	CONV	NIN
												-			Ad	ditional Standards No	otes		
													Regime Status: Geographic: Sto		dards cover BCTS FSF	in DKA and DHW			
1005304	N BCTS Kamloops and ESSF vc 05	I BL(.6) SE(.6)	HM(.6)	1000	500	400	2.0	Y	4			20	125%			2007-0	1-01	RESULTS_I	DIR\CDUR
	Clearwater FSP															00:0	0:	CONV	NIN
												7	BI 1) · BI - RI -	ted microsit	Ad	ditional Standards No 32) ; BL-limited by grow	otes	E1) · SE-elevated m	icrosites are
												F	preferred; (SE32	2); SE-limite	ed by growing-season	frosts; (HM1) ; HM- ele	vated microsites are	preferred	

preterred; (SE32); SE-limited by growing-season frosts; (HW1); HW- elevated microsites are preterred MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						м	nistry of For	ests					Page:	11	of 93
District:	Resource District null						FDP & FSP	Stocking Star	ndards Report					Date Printed:	2018-07-31 08:4	46:32
Client Numbe	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:		District Default Ind:														
	MOF		Species	Stocki	ng (w/s)			Offse	ts			ensity Post acing				
	Default d Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	M Targ Stck		Min Reg Horz Obl.		Erl No G RG		t Rel to Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Fore Development Plan Thompson Rivers Natural Resou	est FSP ID: 66		Ame	ndment	: 0			Status	: Approv	ved					
Client:	TIMBER SALES MANAGER KA	MLOOPS,														
										Regime Status: Geographic: Sto		rds cover BCTS FSP	in DKA and DHW			
1005305	N BCTS Kamloops and ESSF vv 01	I BL(.8) SE(.8)	HM(.8)	1200 700	600	2.0	Y	4	20	125%			2007-07	1-01	RESULTS_	IDIR\CDUR
	Clearwater FSP												00:00		CONV	NIN
									, N L	; HM-restricted t MITD may be re unless site plan Regime Status:	to southern po educed to 1.5n identifies natu APP	g-season frosts; (SE3 ortion of biogeoclimat n if the site plan has	identified site specific c en it can be set up to a i	ing-season frosts; (l riteria as listed in the	,	will be 4 years
1005306	N BCTS Kamloops and ESSF vv 02	I BL(.6) SE(.6)	HM(.6) PLI(1.2)	600 400	400	2.0	Y	4	20	125%			2007-01	1-01	RESULTS_I	DIR\CDUR
	Clearwater FSP												00:00	D:	CONV	NIN
									, N L	; HM-restricted t MITD may be re unless site plan Regime Status:	to southern po educed to 1.5n identifies natu APP	g-season frosts; (SE3 ortion of biogeoclimat n if the site plan has	ditional Standards Not 32); SE-limited by grow ic unit in region; (PLI34 identified site specific c en it can be set up to a in DKA and DHW	ing-season frosts; (I) ; PLI-risk of snow o riteria as listed in the	damage	will be 4 years
1005307	N BCTS Kamloops and ESSF vv 03 Clearwater FSP	I BL(.6) SE(.6)	HM(.6)	1000 500	400	2.0	Y	4	ī			g-season frosts; (SE:	2007-0 00:00 ditional Standards Not 32) ; SE-limited by grow): t es	RESULTS_ I CONV HM16)	DIR\CDUR NIN
									÷	; HM-restricted t MITD may be re	to southern po educed to 1.5n	ortion of biogeoclimat n if the site plan has	ic unit in region identified site specific c	riteria as listed in		

Region:	RTO-Thompson-Okanagan Natural							Minis	try of Fores	sts							Page:	12	of 93
District:	DKA-Thompson Rivers Natural Resource District null						FDP a	& FSP Sto	cking Stand	lards Repo	ort						Date Printed:	2018-07-31 08:	46:32
Client Numbe	er: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:		BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:	Distric	t Default Ind:																	
	MOF		Species	Sto	ocking (w/s)			Offsets	i			Ма	x Density Po Spacing	ost				
s	Default td Ind						lin Regen		Erl No	Lt No		Lt Ht Rel to	Max			Resid Effective	Expiry	Submitted	Approved
<u>ID</u>	<u>Name</u> <u>BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	F	ref Horz	Obl.	RG	RG	RG	FG FG	Comp	Conf	Min	Max	BA Date	Date	Ву	Ву
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		An	nendment:	0					Statu	us: Approv	/ed						
Org Unit: Th	ompson Rivers Natural Resource District																		
Client:	TIMBER SALES MANAGER KAMLOOPS,																		
												the FSP. Rege	en delay will	be 4 years u	nless site p	lan identifies natural reg	eneration when it c	an be set up to a m	ax. of 7 years.
												Regime Status Geographic: S		idards cover	BCTS FSP	in DKA and DHW			
1005308	N BCTS Kamloops and ESSF vv 04 Clearwater FSP	I BL(.6) SE(.6)	HM(.6)	600	400	400 2	2.0 Y	4			:	20 125%				2007-01-0		RESULTS_	
																00:00:		CONV	NIN
															Ado	litional Standards Note	es		
												Regime Status Geographic: S		idards cover	BCTS FSP	in DKA and DHW			
1005309	N BCTS Kamloops and ESSF wc 2 01	I BL(.8) SE(.8)	PLI(1.6)	1200	700	500 2	2.0 Y	4			:	20 125%				2007-01	-01	RESULTS_	DIR\CDUR
	Clearwater FSP															00:00		CONV	NIN
												MITD may be i	reduced to 1	I.5m if the sit	on of bioged e plan has i	ditional Standards Note polimatic unit in region; (identified site specific cri en it can be set up to a n	(PLI34) ; PLI-risk of iteria as listed in the		will be 4 years
												Regime Status	s: APP	· ·		in DKA and DHW			
1005310	N BCTS Kamloops and ESSF wc 2 02	I PLI(1.2) SE(.6)	BL(.6)	1000	500	400 2	2.0 Y	4			:	20 125%				2007-01	-01	RESULTS_	DIR\CDUR
	Clearwater FSP															00:00		CONV	NIN
															on of bioged	litional Standards Note oclimatic unit in region identified site specific cri		FSP. Regen delay	will be 4 years

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null					FDP		stry of Fores	sts Iards Report						Page: Date Printed:	13 2018-07-31 08:	of 93 16:32
Client Number								oning onand							User ID:	idir_mtsoi	10.02
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:		District Default Ind:															
	MOF Default		Species	Stockin	ng (w/s)			Offsets	i		м	ax Density Po Spacing	ost				
	d Ind	ayer Pref SPP/Ht	Acc Spp/Ht	Mi Targ Stck		Min Regen Horz Obl.	RG	Erl No RG	Lt No Er RG FG		l to Max omp Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Amer	ndment:	0				Status:	Approved						
Org Unit:	•	District															
Client:	TIMBER SALES MANAGER KAMLC	OOPS,															
											me Status: APP graphic: Stocking sta	indards cover	BCTS FSP	in DKA and DHW			
1005311	N BCTS Kamloops and ESSF wc 2 03 Clearwater FSP	I SE(.6) PLI(1.2)	BL(.6)	1000 500	400	2.0 Y	4			20 12	25%			2007-01 00:00		RESULTS_ CONV	IDIR\CDUR NIN
										MITE	may be reduced to	1.5m if the sit	on of bioge e plan has	ditional Standards Not occlimatic unit in region; identified site specific c en it can be set up to a	(PLI34) ; PLI-risk of riteria as listed in the		will be 4 years
											me Status: APP graphic: Stocking sta	indards cover	BCTS FSP	in DKA and DHW			
1005312	N BCTS Kamloops and ESSF wc 2 04 Clearwater FSP	I BL(.8) SE(.8)	PLI(1.6)	1200 700	600	2.0 Y	4			20 12	25%			2007-01 00:00		RESULTS_I CONV	DIR\CDUR NIN
													Ad	ditional Standards Not	tes		
											me Status: APP graphic: Stocking sta	indards cover	BCTS FSP	in DKA and DHW			
1005313	N BCTS Kamloops and ESSF wc 2 05 Clearwater FSP	I BL(.8) SE(.8)	PLI(1.6)	1200 700	600	2.0 Y	4			20 12	25%			2007-0 ⁻ 00:00		RESULTS_I CONV	DIR\CDUR NIN
										MITE unles Regi	23) ; PLI-restricted to 0 may be reduced to s site plan identifies me Status: APP graphic: Stocking sta	1.5m if the sit natural regen	l34) ; PLI-ri e plan has eration wh	identified site specific cl en it can be set up to a i	riteria as listed in the	e FSP. Regen delay	will be 4 years

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural					Ministry of Fore	sts		Р	age:	14	of 93
District:	Resource District null				FC	OP & FSP Stocking Stan	dards Report		D	Date Printed:	2018-07-31 08:4	16:32
Client Numb	er: All								U	Iser ID:	idir_mtsoi	
Status Code:	:								D	Database:	DBP01	
BGC Zone:		BGC SubZone:							R	Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id								F	ile:		
Comments:	Dist	rict Default Ind:										
	MOF		Species	Stocking (w/s)	Offsets	3	Max Density Post Spacing				
s ID	Default Std Ind <u>Name BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	Min Min Regen Pref Horz Obl.	Erl No RG RG	Lt No Erl Lt Ht Rel to RG FG FG Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Amendme	ent: 0		Status: Appro	vved				
Org Unit: <u>Tr</u>	hompson Rivers Natural Resource District											
Client:	TIMBER SALES MANAGER KAMLOOPS,											
1005314	N BCTS Kamloops and ESSF wc 2 06 Clearwater FSP	I BL(.8) SE(.8)	PLI(1.6)	1200 700	600 2.0 Y	4	20 125%		2007-01-01 00:00:		RESULTS_ CONV	IDIR\CDUR NIN
							; PLI-restricte MITD may be	Ad mited by growing-season frosts; (SE d to trial use; (PLI34); PLI-risk of sn e reduced to 1.5m if the site plan has an identifies natural regeneration wh	ow damage identified site specific criteri	ia as listed in the	,	will be 4 years
							Regime Statu Geographic: S	is: APP Stocking standards cover BCTS FSF	P in DKA and DHW			
1005315	N BCTS Kamloops and ESSF wc 2 07	I BL(.8) SE(.8)	PLI(1.6)	1200 700	600 2.0 Y	4	20 125%		2007-01-01		RESULTS_II	
	Clearwater FSP								00:00:		CONV	NIN
							MITD may be	Ad restricted to trial use; (PLI34) ; PLI-r reduced to 1.5m if the site plan has an identifies natural regeneration wh	identified site specific criteri	ia as listed in the	FSP. Regen delay	will be 4 years
							Regime Statu Geographic: S	is: APP Stocking standards cover BCTS FSF	^o in DKA and DHW			
1005316	N BCTS Kamloops and ESSF wc 2 08 Clearwater FSP	I BL(.6) SE(.6)	PLI(1.2)	1000 500	400 2.0 Y	4	20 125%		2007-01-01 00:00:		RESULTS_II CONV	DIR\CDUR NIN
								Ad	ditional Standards Notes			

Additional Standards Notes (BL1); BL-elevated microsites are preferred; (BL32); BL-limited by growing-season frosts; (SE1); SE-elevated microsites are preferred; (SE32); SE-limited by growing-season frosts; (PLI23); PLI- restricted to trial use; (PLI34); PLI-risk of snow damage MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Minist	ry of Fores	s					Page:	15	of 93
District:	Resource District null					FDP 6	& FSP Stoc	king Stand	ards Report					Date Printed:	2018-07-31 08:4	46:32
Client Numbe	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Dis	trict Default Ind:														
	MOF Default		Species	Stockin	g (w/s)			Offsets			Max	Density Post				
	d Ind	Pref SPP/Ht	Acc Spp/Ht	Mi Targ Stck		Min Regen Horz Obl.	RG	Erl No RG	Lt No Erl RG FG I	Lt Ht Rel to FG Comp	Max Conf	Min N	Resid Effective ax BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Amer	ndment: 0)				Status: A	pproved					
Org Unit:	•	trict														
Client:	TIMBER SALES MANAGER KAMLOOF	PS,														
											tatus: APP ic: Stocking stand	dards cover BCTS	FSP in DKA and DHW			
1005317	N BCTS Kamloops and ESSF wc 2 09	I PLI(1.2) SE(.6)	BL(.6)	400 200	200	2.0 Y	4			20 125%			200	7-01-01	RESULTS_	IDIR\CDUR
	Clearwater FSP												C	0:00:	CONV	NIN
										; SE-limite frosts; (AL MITD may	ed by growing-sea L520) ; ALL SPE / be reduced to 1.	ason frosts; (BL1) CIES - site series .5m if the site plan	Additional Standards ; (SE1) ; SE-elevated mi BL-elevated microsites not recommended for lo has identified site speci when it can be set up t	crosites are preferred; are preferred; (BL32) ; gging ic criteria as listed in th	BL- limited by growin	-
											tatus: APP ic: Stocking stand	dards cover BCTS	FSP in DKA and DHW			
1005318	N BCTS Kamloops and ESSF xc 01	I PLI(1.6) SE(.8)	BL(.8)	1200 700	600	2.0 Y	4			20 125%				7-01-01	RESULTS_I	
	Clearwater FSP													0:00:	CONV	NIN
										of biogeod MITD may	climatic unit	.5m if the site plan	Additional Standards (BL10); BL-restricted to has identified site specie when it can be set up to	northerly aspects; (B	, .	
											tatus: APP iic: Stocking stand	dards cover BCTS	FSP in DKA and DHW			
1005319	N BCTS Kamloops and ESSF xc 02 Clearwater FSP	I PLI(1.2)	BL(.6) SE(.6)	600 400	400	2.0 Y	4			20 125%				7-01-01 0:00:	RESULTS_ I CONV	DIR∖CDUR NIN
													Additional Standards			

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Min	istry of For	ests							Page:	16	of 93
District:	Resource District null						FDP & FSP St	ocking Star	ndards Repo	ort						Date Printed:	2018-07-31 08:	46:32
Client Numb	ber: All															User ID:	idir_mtsoi	
Status Code	a:															Database:	DBP01	
BGC Zone:		BGC SubZone:														Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id															File:		
Comments:	Distric	ct Default Ind:																
	MOF	S	pecies	Stock	ing (w/s)			Offse	ts		_	Max I Sr	Density Pos pacing	st				
	Default Std Ind Name BEC Laver	Pref SPP/Ht	Acc Spp/Ht	N Targ Stck	/lin Mi Pre		en RG	Erl No RG	Lt No RG		t Ht Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted Bv	Approved
			Acc opp/nt	-			KG	KU	KG		-		WITT	WIdX	BA Date	Date	By	Бу
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Amer	ndment: ()				Statu	s: Approv	red						
Org Unit: <u>T</u>	hompson Rivers Natural Resource District																	
Client:	TIMBER SALES MANAGER KAMLOOPS,																	
1005320	N BCTS Kamloops and ESSF xc 05 Clearwater FSP	I PLI(1.2)	BL(.6) SE(.6)	1000 50	00 40	0 2.0	Y 4	1		2	Regime Status	: APP	·		lan identifies natural reg in DKA and DHW 2007-01-0 00:00:	01	an be set up to a m RESULTS_ CONV	
														Add	ditional Standards Not	es		<u>.</u>
											Regime Status Geographic: St		ards cover B	SCTS FSP	in DKA and DHW			
1005321	N BCTS Kamloops and ESSF xc 06 Clearwater FSP	I PLI(1.6) SE(.8)	BL(.8)	1200 70	00 60	0 2.0	Y 4	1		2	20 125%				2007-01 00:00		RESULTS_ CONV	DIR\CDUR NIN
														Add	ditional Standards Not	tes		
											Regime Status Geographic: St		ards cover B	SCTS FSP	in DKA and DHW			
1005322	N BCTS Kamloops and ESSF xc 07	I PLI(1.6) SE(.8)	BL(.8)	1200 70	00 60	0 2.0	Y 4	1		2	20 125%				2007-01		RESULTS_	
	Clearwater FSP														00:00		CONV	NIN
											MITD may be r	reduced to 1.5	5m if the site	rosts; (BL3 plan has i	ditional Standards Not 32); BL-limited by growi identified site specific cr en it can be set up to a r	ing-season frosts riteria as listed in the	e FSP. Regen delay	will be 4 years

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Minis	stry of Fores	its						Page:	17	of 93
District:	Resource District null					FD	P & FSP Sto	cking Stand	lards Report						Date Printed:	2018-07-31 08:	46:32
Client Number:	All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:	Distri	ict Default Ind:															
	MOF		Species	Sto	ckina (w/s)			Offsets				Max Density Pos Spacing	st				
Std I ID	nd	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Min Pre	n Min Regen f Horz Obl.	RG	Erl No RG	Lt No Erl RG FG FG		Rel to Comp	Max Conf Min	Мах	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		An	nendment: 0				Sta	atus:	Approved	i					
Org Unit: Thom	pson Rivers Natural Resource District																
Client:	TIMBER SALES MANAGER KAMLOOPS,																
1005323	N BCTS Kamloops and ESSF xc 08 Clearwater FSP	I PLI(1.2) SE(.6)	BL(.6)	1000	500 40	0 2.0 Y	4			20	125%		Add	2007-01 00:00	:	RESULTS_ CONV	IDIR\CDUR NIN
										;	PLI1) ; PLI-eleva SE-limited by g	ated microsites are prefe rowing-season frosts; (B	erred; (SE	1) ; SE-elevated microsi	ites are preferred; (SE32) BL- limited by growir	ng-season
										N	ITD may be red	duced to 1.5m if the site dentifies natural regene				FSP. Regen delay	will be 4 years
											Regime Status: A Geographic: Sto	APP cking standards cover B	CTS FSP	in DKA and DHW			
1005324	N BCTS Kamloops and IDF dk 1 01	I FDI(.8) PLI(1.0)	PY(.6) SX(.6)	1000	500 40	0 2.0 Y	4			20	125%			2007-01		RESULTS_I	
	Clearwater FSP													00:00 Iitional Standards Note		CONV	NIN
										o N	f biogeoclimatic IITD may be red	ited by growing-season unit; (SX10) ; SX-restric duced to 1.5m if the site dentifies natural regene	frosts; (P) cted to nor plan has i	(9); PY-restricted to so therly aspects; (SX13); dentified site specific cr	utherly aspects; (P) SX-restricted to up iteria as listed in the	per elevations of bi	ogeoclimatic unit
											Regime Status: / Geographic: Sto	APP cking standards cover B	CTS FSP	in DKA and DHW			
1005325	N BCTS Kamloops and IDF dk 1 02	I FDI(.8) PY(.6)		600	400 40	0 2.0 Y	4			20	125%			2007-01		RESULTS_I	
	Clearwater FSP													00:00	:	CONV	NIN
										(1	FDI27) ; FDI-pa	rtial canopy cover requir	Add red for suc	litional Standards Note cessful establishment; (es PY9) ; PY-restricted	to southerly aspect	ts; (PY14) ; PY-

(FDI27); FDI-partial canopy cover required for successful establishment; (PY9); PY-restricted to southerly aspects; (PY14); PY-restricted to lower elevations of biogeoclimatic unit MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Minist	ry of Fores	s						Page:	18	of 93
District:	Resource District null							FDP &	FSP Stoc	king Stand	ards Report						Date Printed:	2018-07-31 08:	46:32
Client Number	r: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:		BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:	Dist	rict Default Ind:																	
	MOF Default	s	pecies		Stocking (w/s)				Offsets			_		C Density Post Spacing				
	d Ind Name <u>BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stc	Min k	Min Pref H	Min Re lorz Obl.	egen	RG	Erl No RG		Erl L G FG	t Ht Rel to Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest	FSP ID: 66			Amend	ment: 0						Stat	us: Appro	oved					
Org Unit:	Development Plan Thompson Rivers Natural Resource Dis	trict																	
Client:	TIMBER SALES MANAGER KAMLOOP	'S.																	
		- ,																	
													can be set up t	to a max. of 7	7 years.				
													Regime	Status: APP Geo		ndards cover BCTS FSF	in DKA and DHW		
1005326	N BCTS Kamloops and IDF dk 1 03	I FDI(.8) PLI(1.0)	PY(.6)	600	400	400	2.0	Y	4			20	125%			2007	7-01-01	RESULTS_	IDIR\CDUR
	Clearwater FSP															00	:00:	CONV	NIN
													(PY9) · PY-res	tricted to sou	therly aspects: (PV1	dditional Standards No 4) ; PY-restricted to lowe	otes	oclimatic unit: (PV23	3) · PY-restricted to
													trial use MITD may be i	reduced to 1.	.5m if the site plan ha	s identified site specific	criteria as listed in the		, .
													Regime Status	: APP	-	hen it can be set up to a	max. of 7 years.		
													Geographic: S	tocking stand	dards cover BCTS FS	SP in DKA and DHW			
1005327	N BCTS Kamloops and IDF dk 1 04	I FDI(.8) PLI(1.0)	PY(.6) SX(.6)	1000	500	400	2.0	Y	4			2	0 125%			2007-0		RESULTS_I	
	Clearwater FSP															00:0		CONV	NIN
													northerly aspending MITD may be in	cts; (SX13) ; reduced to 1.	utherly aspects; (PY1 SX-restricted to upp .5m if the site plan ha	dditional Standards No 4) ; PY-restricted to lowe er elevations of biogeocli is identified site specific of then it can be set up to a	r elevations of bioged matic unit criteria as listed in the		
													Regime Status Geographic: S		dards cover BCTS FS	P in DKA and DHW			
1005328	N BCTS Kamloops and IDF dk 1 05	I FDI(.8) SX(.6)	BL(.6) PLI(1.0)	1000	500	400	2.0	Y	4			20	125%			2007-0	01-01	RESULTS_I	DIR\CDUR
	Clearwater FSP		,													00:0	00:	CONV	NIN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Minis	try of Fores	s							Page:	19	of 93
District:	Resource District null							FDP &	FSP Sto	cking Stand	ards Report							Date Printed:	2018-07-31 08	:46:32
Client Numbe	r: All																	User ID:	idir_mtsoi	
Status Code:																		Database:	DBP01	
BGC Zone:		BGC SubZone:																Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																	File:		
Comments:	Di	strict Default Ind:																		
	MOF	Spe	cies	S	tocking (v	w/s)				Offsets					C Density Po Spacing	ost				
	Default d Ind <u>BEC Laye</u>	er Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref H	Min Re lorz Obl.	egen	RG	Erl No RG	Lt No E RG FG	Erl 3 FG	Lt Ht Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: Client:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Di TIMBER SALES MANAGER KAMLOO			A	Amendr	nent: 0						Sta	atus: App	proved						
L													by growing- MITD may b unless site p Regime Sta	season frosts; (be reduced to 1 blan identifies n tus: APP	(BL10) [°] ; BL-ı .5m if the sit atural regen	ects; (FDI14 restricted to e plan has id eration whe	litional Standards No); FDI-restricted to lov northerly aspects; (BL dentified site specific c n it can be set up to a in DKA and DHW	ver elevations of bio 13) ; BL-restricted t criteria as listed in th	to upper elevations of	of biogeoclimatic unit
1005329	N BCTS Kamloops and IDF dk 1 06 Clearwater FSP	I PLI(1.0) SX(.6) FDI(.8)	BL(.6)	1000	500	400	2.0	Y	4			2	preferred; (F MITD may b unless site p Regime Sta	DI32) ; FDI-lim be reduced to 1 blan identifies n tus: APP	ited by grow .5m if the sit atural regen	eferred; (SX1 ring-season e plan has io eration whe	2007 00: 1) ; SX-elevated micro frosts; (BL1) ; BL- ele dentified site specific c n it can be set up to a in DKA and DHW	tes sites are preferred; vated microsites are criteria as listed in th	e preferred	
1005330	N BCTS Kamloops and IDF dk 1 a 94 Clearwater FSP	l FDI(1.0)	PLI(1.4)	1200	700	600	2.0	Y	4				MITD may b	olan identifies n	.5m if the sit	n frosts e plan has ie	2007-0 00:0 litional Standards No dentified site specific o n it can be set up to a	0: tes criteria as listed in th	RESULTS_ CONV	NIN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Mini	stry of Fore	sts								Page:	20	of 93
District:	Resource District null						FD	P & FSP Sto	ocking Stan	dards Repo	rt							Date Printed:	2018-07-31 08:4	16:32
Client Number	: All																	User ID:	idir_mtsoi	
Status Code:																		Database:	DBP01	
BGC Zone:		BGC SubZone:																Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																	File:		
Comments:	Distri	ict Default Ind:																		
	MOF		Species	s	Stocking (V	w/s)			Offsets	3					x Density Spacing					
	Default I Ind				Min	Min	Min Regen		Erl No	Lt No	Erl	Lt Ht Rel t		Max			Resid Effective	Expiry	Submitted	Approved
<u>ID</u>	<u>Name</u> <u>BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	(Pref	Horz Obl.	RG	RG	RG	FG FC	G Cor	mp	Conf	Min	Max	BA Date	Date	By	Ву
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		ļ	Amendme	ent: 0					St	itatus:	Approved							
Org Unit: Tho	mpson Rivers Natural Resource District																			
Client:	TIMBER SALES MANAGER KAMLOOPS,																			
1005331	N BCTS Kamloops and IDF dk 2 01 Clearwater FSP	I FDI(.8) PLI(1.0)	PY(.6) SX(.6)	1000	500	400	2.0 Y	4				20 125	5%				2007-0 00:0		RESULTS_ CONV	IDIR\CDUR NIN
																Ac	Iditional Standards No	otes		
												of biog MITD r	geoclimatic may be red	unit; (SX luced to 1	(10) ; SX-r 1.5m if the	estricted to ne site plan has	PY9) ; PY-restricted to s ortherly aspects; (SX13 dentified site specific on then it can be set up to a); SX-restricted to up criteria as listed in the	oper elevations of bio	geoclimatic unit
													ne Status: A				· · · · · · · · · · · · · · · · · · ·			
												0	•	king star	ndards cov	er BCTS FSI	P in DKA and DHW			
1005332	N BCTS Kamloops and IDF dk 2 02 Clearwater FSP	I FDI(.8) PY(.6)		600	400	400	2.0 Y	4				20 125	5%				2007-0 00:0		RESULTS_I	DIR\CDUR NIN
																	Iditional Standards No			
												unit				•	ccessful establishment			•
																	s identified site specific on then it can be set up to a		e FSP. Regen delay	will be 4 years
													ne Status: A raphic: Stoc		ndards cov	ver BCTS FSI	P in DKA and DHW			
1005333	N BCTS Kamloops and IDF dk 2 03	I FDI(.8) PLI(1.0)	PY(.6)	1000	500	400	2.0 Y	4				20 125	5%				2007-0		RESULTS_I	
	Clearwater FSP																00:0		CONV	NIN
																Ac	Iditional Standards No	otes		

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page:	21 of 93
District:	Resource District null			FDP & FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32
Client Numbe	er: All					User ID:	idir_mtsoi
Status Code:	:					Database:	DBP01
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	Dist	rict Default Ind:					
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing		
s ID	Default Std Ind <u>Name BEC Layer</u>	Pref SPP/Ht Acc Spp	Min Min Min Re /Ht Targ Stck Pref Horz Obl.			Expiry Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest Develooment Plan	FSP ID: 66	Amendment: 0	Status:	Approved		
Org Unit: <u>Th</u>	hompson Rivers Natural Resource District						
Client:	TIMBER SALES MANAGER KAMLOOPS,						
1005334	N BCTS Kamloops and IDF dk 2 04 Clearwater FSP	I FDI(1.0) PLI(1.4) SX(.8) PY(.8)	1200 700 600 2.0	Y 4 20	125% 2007- 00: Additional Standards N	00:	RESULTS_ IDIR\CDUR CONV NIN
				ele bio Mi unl Re	DI32) ; FDI-limited by growing-season frosts; (SX10) ; SX-restricted to evations of biogeoclimatic unit; (PY9) ; PY-restricted to southerly aspe ogeoclimatic unit ITD may be reduced to 1.5m if the site plan has identified site specific eless site plan identifies natural regeneration when it can be set up to a egime Status: APP eographic: Stocking standards cover BCTS FSP in DKA and DHW	northerly aspects; (S cts; (PY14) ; PY-restr criteria as listed in the	icted to lower elevations of
1005335	N BCTS Kamloops and IDF dk 2 05 Clearwater FSP	I FDI(1.0) SX(.8) CW(.8) PLI(1.4)	1200 700 600 2.0	Y 4 20	125% 2007- 00:		RESULTS_ IDIR\CDUR CONV NIN
	Clearwaler i Gr	r LI(1.4)			Additional Standards N		
				site rec Re	DI32) ; FDI-limited by growing-season frosts; (CW32) ; CW-limited by e plan has identified site specific criteria as listed in the FSP. Regen c generation when it can be set up to a max. of 7 years. egime Status: APP eographic: Stocking standards cover BCTS FSP in DKA and DHW	growing-season frost	
1005336	N BCTS Kamloops and IDF dk 2 06	I PLI(1.0) SX(.6)	1000 500 400 2.0	Y 4 20	125% 2007-		RESULTS_ IDIR\CDUR
	Clearwater FSP	FDI(.8)			00:		CONV NIN
					Additional Standards N L11); PLI-elevated microsites are preferred; (SX1); SX-elevated m clarged; (EDI22); EDI limited by growing eccept for the	otes icrosites are preferre	d; (FDI1) ; FDI-elevated microsites are

e pre 1; (FDI1) ;

(PLI1); PLI-elevated microsites are preferred; (SX1); SX-elevated microsites are preferred; (FDI1); PLI-elevated microsites preferred; (FDI32); FDI-limited by growing-season frosts MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural					Ministry of Forests				Page:		of 93
District:	Resource District null				F	P & FSP Stocking Standards Report	t			Date Printed:	2018-07-31 08:4	46:32
Client Number	r: All									User ID:	idir_mtsoi	
Status Code:										Database:	DBP01	
BGC Zone:		BGC SubZone:								Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id									File:		
Comments:	Dis	trict Default Ind:										
	MOF		Species	Stocking	1 (w/s)	Offsets		Max Density Post Spacing				
	Default d Ind <u>Name BEC Laye</u>	Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	Min Min Regen Pref Horz Obl.	Erl No Lt No RG RG RG	Erl Lt Ht Rel to FG FG Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Amen	dment: 0		Status: Approv	ed				
Org Unit:	Thompson Rivers Natural Resource Dis	strict										
Client:	TIMBER SALES MANAGER KAMLOOP	PS,										
							Regime Status: A Geographic: Stoc	PP king standards cover BCTS FSP	in DKA and DHW			
1005337	N BCTS Kamloops and IDF dk 2 07 Clearwater FSP	I PLI(1.0) SX(.6)	CW(.6)	1000 500	400 2.0 Y	4	20 125%		2007-01 00:00		RESULTS_ CONV	IDIR\CDUR NIN
							; CW-limited by g MITD may be red unless site plan id Regime Status: A	ted microsites are preferred; (SX rowing-season frosts uced to 1.5m if the site plan has tentifies natural regeneration whe	identified site specific cl en it can be set up to a i	sites are preferred; (riteria as listed in th	, ,	will be 4 years
1005338	N BCTS Kamloops and IDF dk 3 01	I FDI(1.0) PLI(1.4)	SX(.8)	1200 700	600 2.0 Y	4	20 125%		2007-01	1-01	RESULTS I	DIR\CDUR
	Clearwater FSP	(- / (/	- (-)						00:00		CONV	NIN
							SX-restricted to u MITD may be red unless site plan id Regime Status: A	tial canopy cover required for suc pper elevations of biogeoclimatic uced to 1.5m if the site plan has tentifies natural regeneration whe	c unit; (SX28) ; SX-limite identified site specific cl en it can be set up to a r	(FDI32) ; FDI-limite ed by moisture defic riteria as listed in th	it	
1005339	N BCTS Kamloops and IDF dk 3 02 Clearwater FSP	I FDI(.8) PLI(1.0)		1000 500	400 2.0 Y	4	20 125%		2007-01 00:00):	RESULTS_ I	DIR\CDUR NIN
							- site series not re	Add tial canopy cover required for suc- commended for logging uced to 1.5m if the site plan has	,	(ALL520) ; ALL SPI	ECIES	

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page: 23 of 93
District:	Resource District null		FDP 6	& FSP Stocking Standards Report		Date Printed: 2018-07-31 08:46:32
Client Number:	All					User ID: idir_mtsoi
Status Code:						Database: DBP01
BGC Zone:		BGC SubZone:				Report ID: RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:
Comments:	Distric	ct Default Ind:				
	/IOF ault	Species	Stocking (w/s)	Offsets	Max Density Post Spacing	
Std In	d	Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rei to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Submitted Approved Date By By
FSP: F	SP Name: Kamloops TSA Forest	FSP ID : 66	Amendment: 0	Status: Appro	oved	
Org Unit: Thomp	Development Plan son Rivers Natural Resource District					
Client:	IMBER SALES MANAGER KAMLOOPS,					
				Regime Stat Geographic:	Stocking standards cover BCTS FSP in DKA and DHW	
1005340	N BCTS Kamloops and IDF dk 3 03 Clearwater FSP	I FDI(.8) PLI(1.0)	600 400 400 2.0 Y	4 20 125%	2007-01-0 00:00:	
					Additional Standards Note	es
				Regime Stat Geographic:	us: APP Stocking standards cover BCTS FSP in DKA and DHW	
1005341	N BCTS Kamloops and IDF dk 3 04 Clearwater FSP	I FDI(1.0) PLI(1.4)	1200 700 600 2.0 Y	4 20 125%	2007-01 00:00	—
				MITD may be	Additional Standards Note -partial canopy cover required for successful establishment a reduced to 1.5m if the site plan has identified site specific cri an identifies natural regeneration when it can be set up to a n	iteria as listed in the FSP. Regen delay will be 4 years
				Regime Stat Geographic:	us: APP Stocking standards cover BCTS FSP in DKA and DHW	
1005342	N BCTS Kamloops and IDF dk 3 05 Clearwater FSP	I FDI(1.0) PLI(1.4)	1200 700 600 2.0 Y	4 20 125%	2007-01 00:00	—
	Clearwater FSP				00:00 Additional Standards Note	

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page: 24 of 93
District:	Resource District null		FI	OP & FSP Stocking Standards Report		Date Printed: 2018-07-31 08:46:32
Client Number:	All					User ID: idir_mtsoi
Status Code:						Database: DBP01
BGC Zone:		BGC SubZone:				Report ID: RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:
Comments:	Distri	ct Default Ind:				
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing	
	Default I Ind Name BEC Layer	Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	EriNo LtNo Eri LtHtReito RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Submitted Approved Date By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan mpson Rivers Natural Resource District	FSP ID: 66	Amendment: 0	Status: Appro		
Client:	TIMBER SALES MANAGER KAMLOOPS,					
1005343	N BCTS Kamloops and IDF dk 3 06 Clearwater FSP	I FDI(1.0) PLI(1.4)	1200 700 600 2.0 Y	4 20 125%	2007-0 00:00 Additional Standards Nor	0: CONV NIN
					Stocking standards cover BCTS FSP in DKA and DHW	
1005344	N BCTS Kamloops and IDF dk 3 07 Clearwater FSP	I FDI(.8) PLI(1.0) SX(.6)	1000 500 400 2.0 Y	4 20 125%	2007-0 00:00	
				MITD may be unless site pla Regime Statu	Additional Standards Nor -limited by growing-season frosts a reduced to 1.5m if the site plan has identified site specific c an identifies natural regeneration when it can be set up to a us: APP Stocking standards cover BCTS FSP in DKA and DHW	riteria as listed in the FSP. Regen delay will be 4 years
1005345	N BCTS Kamloops and IDF dk 3 08 Clearwater FSP	I FDI(.8) PLI(1.0) SX(.6)	1000 500 400 2.0 Y	4 20 125%	2007-0 00:01	_
		- (-)			Additional Standards No	
				Regime Statu Geographic: S	is: APP Stocking standards cover BCTS FSP in DKA and DHW	
1005346	N BCTS Kamloops and IDF dk 3 09 Clearwater FSP	I SX(.6) PLI(1.0)	1000 500 400 2.0 Y	4 20 125%	2007-0 [.] 00:01	
	Glearwalter FSF			(SX1); SX-e preferred	Additional Standards No	

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural		Ministry of Forests										
District:	Resource District null		FDP	& FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32						
Client Number	r: All					User ID:	idir_mtsoi						
Status Code:						Database:	DBP01						
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07						
Group By:	FSP, Org Unit, Client, Standards Id					File:							
Comments:	D	District Default Ind:											
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing								
	Default d Ind <u>BEC Lay</u>	ver Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Eri No Lt No Eri Lt Ht Rei to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Date	Submitted Approved By By						
FSP: Org Unit: Client:	FSP Name: Kamloops TSA Forest Development Plan <u>Thompson Rivers Natural Resource D</u> TIMBER SALES MANAGER KAMLOO		Amendment: 0	Status: App	proved								
					e reduced to 1.5m if the site plan has identified site specific will be 4 years unless site plan identifies natural regenerat								
				Regime Stat Geographic:	us: APP Stocking standards cover BCTS FSP in DKA and DHW								
1005347	N BCTS Kamloops and IDF mw 2 01 Clearwater FSP	l FDI(1.0) PLI(1.6) CW(.8) SX(.8) BL(.8) LW(1.6) PY(.8)	1200 700 600 2.0 Y	4 20 125%		07-01-01 0:00:	RESULTS_ IDIR\SYAN CONV DERS						
				restricted to aspects; (BL LW restricte the FSP. Re Regime Stat	Additional Standards N V-restricted to northerly aspects; (CW13); CW-restricted to northerly aspects; (SX13); SX-restricted to upper elevation (13); BL-restricted to upper elevations of biogeoclimatic un d to a max. 25% of TSSpa. MITD may be reduced to 1.5m gen delay will be 4 years unless site plan identifies natural us: APP Stocking standards cover BCTS FSP in DKA and DHW	upper elevations of b ns of biogeoclimatic ur it if the site plan has ide	nit; (BL10) ; BL-restricted to northerly ntified site specific criteria as listed in						
1005348	N BCTS Kamloops and IDF mw 2 01 Clearwater FSP	I FDI(1.0) PLI(1.6) BL(.8) CW(.8) SX(.8) LW(1.6)	1200 700 600 2.0 Y	4 20 125%		-01-01 :00:	RESULTS_IDIR\SYAN CONV DERS						
				to northerly ; (SX13) ; SX Site Series (Additional Standards N restricted to northerly aspects; (BL13); BL-restricted to upp aspects; (CW13); CW-restricted to upper elevations of biog restricted to upper elevations of biogeoclimatic unit 1-YC. LW restricted to a max. 25% of TSSpa. MITD may b ted in the FSP. Regen delay will be 4 years unless site plan	per elevations of bioge geoclimatic unit; (SX10 pe reduced to 1.5m if th); SX-restricted to northerly aspects; he site plan has identified site specific 						

criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Ministry of I	orests						Page:		of 93
District:	Resource District null					FD	P & FSP Stocking S	Standards Re	port					Date Printed:	2018-07-31 08:4	6:32
Client Number:	All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Dis	trict Default Ind:														
	MOF		Species	Stoc	king (w/s)		Of	fsets		_		Density Post pacing				
	Default Ind <u>Name BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Min Pref	Min Regen Horz Obl.	Erl I RG		Erl Lt GFGFG	t Ht Rel to Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Dis	FSP ID: 66		An	nendment	0			Statu	us: Appro	oved					
Client:	TIMBER SALES MANAGER KAMLOOF	PS,														
										Regime Status Geographic: Si		ards cover BCTS F	SP in DKA and DHW			
1005349	N BCTS Kamloops and IDF mw 2 01 Clearwater FSP	I FDI(1.0) PLI(1.6)	SX(.8) BL(.8) CW(.8) LW(1.6)	1200	700 600	2.0 Y	4		2	0 125%			2007-0 00:0		RESULTS_ CONV	IDIR\SYAN DERS
										northerly aspect (CW13) ; CW- Site Series 01-	cts; (BL13) ; E restricted to u -YS. LW restri ed in the FSP.	therly aspects; (SX BL-restricted to upper upper elevations of l cted to a max. 25%	Additional Standards No 13) ; SX-restricted to upper er elevations of biogeoclim oiogeoclimatic unit of TSSpa. MITD may be 4 years unless site plan i	er elevations of bioge natic unit; (CW10) ; C reduced to 1.5m if th	CW-restricted to north	herly aspects; ified site specific
										Regime Status Geographic: Si		ards cover BCTS F	SP in DKA and DHW			
1005350	N BCTS Kamloops and IDF mw 2 02	I FDI(.8) PLI(1.2)	PY(.6)	600	400 400	2.0 Y	4		2	0 125%			2007-0	1-01	RESULTS_I	DIR\SYAN
	Clearwater FSP												00:0 Additional Standards No	tes	CONV	DERS
										restricted to lov (PY23) ; PY-re	wer elevations estricted to tria	s of biogeoclimatic u I use MITD may be	successful establishment; init; (PY16) ; PY- restricte reduced to 1.5m if the site an identifies natural regen	d to southern portion plan has identified	of biogeoclimatic un site specific criteria	nit in region; as listed in the
										Regime Status Geographic: St		ards cover BCTS F	SP in DKA and DHW			
1005351	N BCTS Kamloops and IDF mw 2 03 Clearwater FSP	I FDI(1.0) PLI(1.6)	PY(.8) CW(.8) SX(.8)	1000	500 400	2.0 Y	4		20	125%			2007-0 00:0		RESULTS_ II CONV	DIR\SYAN DERS

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural					Ministry of Forest	s					Page:	27	of 93
District:	Resource District null				FDP &	FSP Stocking Standa	ards Report					Date Printed:	2018-07-31 08:4	6:32
Client Number:	r: All											User ID:	idir_mtsoi	
Status Code:												Database:	DBP01	
BGC Zone:		BGC SubZone:										Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id											File:		
Comments:		District Default Ind:												
_	MOF		Species	Stocking (w/s)		Offsets		_	Max Dens Spacii					
	Default d Ind <u>Name BEC La</u>	ayer Pref SPP/Ht	Acc Spp/Ht	Min Min Targ Stck Pref	Min Regen Horz Obl.	Erl No RG RG	Lt No Erl L RG FG FG	t Ht Rel to Comp	Max Conf N	/in Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest	FSP ID: 66		Amendment:	0		Stat	us: Appro	oved					
Org Unit:	Development Plan Thompson Rivers Natural Resource	<u>District</u>												
0														
Client:	TIMBER SALES MANAGER KAMLC	JOP5,												
											ditional Standards No			
											geoclimatic unit; (PY9);			A) · D)/ ·············
								restricted to nor aspects; (SX13 MITD may be re	rtherly aspects; (C); SX-restricted to educed to 1.5m if	CW13) ; CW-resti o upper elevation the site plan has	i preference to souther ricted to upper elevation so of biogeoclimatic unit identified site specific c leen it can be set up to a	s of biogeoclimatic		n; (CW10) ; CW- ricted to northerly
								restricted to nor aspects; (SX13) MITD may be re unless site plan Regime Status:	rtherly aspects; (C); SX-restricted to educed to 1.5m if i identifies natural	CW13) ; CW-restri o upper elevation the site plan has regeneration wh	ricted to upper elevation as of biogeoclimatic unit identified site specific c	s of biogeoclimatic	unit; (SX10) ; SX-rest	n; (CW10) ; CW- ricted to northerly
1005352	N BCTS Kamloops and IDF mw 2 04 Clearwater FSP	I FDI(1.0) SX(.8) PLI(1.6)	CW(.8) LW(1.6)	1200 700 600	2.0 Y	4	20	restricted to nor aspects; (SX13) MITD may be re unless site plan Regime Status: Geographic: Str	rtherly aspects; (C); SX-restricted to educed to 1.5m if i identifies natural	CW13) ; CW-restri o upper elevation the site plan has regeneration wh	ricted to upper elevation is of biogeoclimatic unit identified site specific c len it can be set up to a on DKA and DHW	s of biogeoclimatic riteria as listed in th max. of 7 years. -01-01	unit; (SX10) ; SX-rest	n; (CW10) ; CW- ricted to northerly
1005352			CW(.8) LW(1.6)	1200 700 600	2.0 Y	4	20	restricted to non aspects; (SX13 MITD may be re unless site plan Regime Status: Geographic: Str) 125% (FDI32) ; FDI-lir LW restricted to	rtherly aspects; (C); SX-restricted tt educed to 1.5m if i identifies natural APP ocking standards mited by growing- o a max. 25% of T	W13) ; CW-restri o upper elevation the site plan has regeneration wh cover BCTS FSF <u>Add</u> season frosts; (C SSpa. MITD mar	ricted to upper elevation is of biogeoclimatic unit identified site specific c een it can be set up to a P in DKA and DHW 2007	s of biogeoclimatic i riteria as listed in th max. of 7 years. -01-01 -00: tes rowing-season frost he site plan has ide	unit; (SX10) ; SX-rest e FSP. Regen delay RESULTS_ CONV is; (CW37) ; CW-risk ntified site specific cr	r; (CW10) ; CW- ricted to northerly will be 4 years IDIR\SYAN DERS of heart rots teria as listed in
1005352			CW(.8) LW(1.6)	1200 700 600	2.0 Y	4	20	restricted to nor aspects; (SX13 MITD may be re unless site plan Regime Status: Geographic: Str) 125% (FDI32) ; FDI-lin LW restricted to the FSP. Reger Regime Status:	rtherly aspects; (C); SX-restricted tr educed to 1.5m if i identifies natural : APP ocking standards mited by growing- o a max. 25% of T n delay will be 4 yr : APP	W13) ; CW-restri o upper elevation the site plan has regeneration wh cover BCTS FSF <u>Ad</u> season frosts; (C SSpa. MITD may ears unless site p	ricted to upper elevation is of biogeoclimatic unit identified site specific c ien it can be set up to a P in DKA and DHW 2007 00: ditional Standards No W32) ; CW-limited by g y be reduced to 1.5m if 1	s of biogeoclimatic i riteria as listed in th max. of 7 years. -01-01 -00: tes rowing-season frost he site plan has ide	unit; (SX10) ; SX-rest e FSP. Regen delay RESULTS_ CONV is; (CW37) ; CW-risk ntified site specific cr	r; (CW10) ; CW- ricted to northerly will be 4 years IDIR\SYAN DERS of heart rots teria as listed in
1005352 1005353			CW(.8) LW(1.6) CW(.6)	1200 700 600 400 200 200	2.0 Y 2.0 Y	4		restricted to nor aspects; (SX13 MITD may be re unless site plan Regime Status: Geographic: Str) 125% (FDI32) ; FDI-lin LW restricted to the FSP. Reger Regime Status:	rtherly aspects; (C); SX-restricted tr educed to 1.5m if i identifies natural : APP ocking standards mited by growing- o a max. 25% of T n delay will be 4 yr : APP	W13) ; CW-restri o upper elevation the site plan has regeneration wh cover BCTS FSF <u>Ad</u> season frosts; (C SSpa. MITD may ears unless site j	icted to upper elevation is of biogeoclimatic unit i dentified site specific c ien it can be set up to a 2 in DKA and DHW 2007- 00: Iditional Standards No W32) ; CW-limited by g y be reduced to 1.5m if 1 plan identifies natural re 2 in DKA and DHW 2007-0	s of biogeoclimatic i riteria as listed in th max. of 7 years. -01-01 D0: tes rowing-season frost generation when it o 1-01	unit; (SX10) ; SX-rest e FSP. Regen delay RESULTS_ CONV is; (CW37) ; CW-risk ntified site specific cr can be set up to a ma RESULTS_ IC	r; (CW10) ; CW- ricted to northerly will be 4 years IDIR\SYAN DERS of heart rots iteria as listed in x. of
	Clearwater FSP	PLI(1.6)						restricted to non aspects; (SX13 MITD may be re unless site plan Regime Status: Geographic: Str) 125% (FDI32) ; FDI-lin LW restricted to the FSP. Reger Regime Status: Geographic: Str	rtherly aspects; (C); SX-restricted tr educed to 1.5m if i identifies natural : APP ocking standards mited by growing- o a max. 25% of T n delay will be 4 yr : APP	2W13) ; CW-restri o upper elevatior the site plan has regeneration wh cover BCTS FSF <u>Ad</u> season frosts; (C 'SSpa. MITD ma ears unless site j cover BCTS FSF	icted to upper elevation is of biogeoclimatic unit i dentified site specific c en it can be set up to a 2 in DKA and DHW 2007 00:1 ditional Standards No 2W32) ; CW-limited by g y be reduced to 1.5m if t plan identifies natural re 2 in DKA and DHW	s of biogeoclimatic i riteria as listed in th max. of 7 years. -01-01 00: tes rowing-season frost he site plan has ide generation when it o 1-01 0:	unit; (SX10) ; SX-rest e FSP. Regen delay RESULTS_ CONV s; (CW37) ; CW-risk ntified site specific cr can be set up to a ma	r; (CW10) ; CW- ricted to northerly will be 4 years IDIR\SYAN DERS of heart rots iteria as listed in x. of

(SX1); SX-elevated microsites are preferred; (PLI1); PLI-elevated microsites are preferred; (CW1); CW-elevated microsites are preferred; (CW32); CW-limited by growing-season frosts; (ALL520); ALL SPECIES - site series not recommended for logging MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural				Ministry of Forests				Page:	28 of 93	
District:	Resource District null			FDP &	FSP Stocking Standards Report				Date Printed:	2018-07-31 08:46:32	
Client Number	r: All								User ID:	idir_mtsoi	
Status Code:									Database:	DBP01	
BGC Zone:		BGC SubZone:							Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id								File:		
Comments:		District Default Ind:									
	MOF	Species	Sto	ocking (w/s)	Offsets	_	Max Density Post Spacing				
	Default d Ind <u>Name BEC La</u>	ver Pref SPP/Ht	Acc Spp/Ht Targ Stck	Min Min Min Regen Pref Horz Obl.	Erl No Lt No Erl Lt RG RG RG FG FG	Ht Rel to Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted Approved By By	
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66	A	nendment: 0	Statu	is: Appro	ved				
Org Unit:	Thompson Rivers Natural Resource I	<u>District</u>									
Client:	TIMBER SALES MANAGER KAMLO	OPS,									
						can be set up to	a max. of 7 years.				
						Regime	Status: APP Geographic: Stocking stand	dards cover BCTS ESP i	n DKA and DHW		
1005354	N BCTS Kamloops and IDF xh 1 01	I FDI(.6) PY(.6) LV	V(.6) 1000	500 400 2.0 Y	4 20	125%		2007-0		RESULTS_ IDIR\BOLS	-
	Clearwater FSP							00:00	0:	CONV EN	,
1005355	N BCTS Kamloops and IDF xh 1 02 Clearwater FSP	l PY(.6) FDI(.6)	400	200 200 2.0 Y	4 20	LW-restricted to growing-season MITD may be re unless site plan Regime Status: Geographic: Sto) 125% (PY27); PY-par establishment; (MITD may be re	artial canopy cover required for suc northerly aspects; (LW13) ; LW-re frosts duced to 1.5m if the site plan has identifies natural regeneration wh APP boking standards cover BCTS FSP <u>Ad</u> tial canopy cover required for succ ALL520) ; ALL SPECIES - site se	estricted to upper elevati identified site specific cri en it can be set up to a n o in DKA and DHW 2007-01 00:00 ditional Standards Note cessful establishment; (F ries not recommended fo identified site specific cri	LW1) ; LW-elevatec ons of biogeoclimati teria as listed in the nax. of 7 years. -01 : 35 DI27) ; FDI-partial of r logging teria as listed in the	I microsites are preferred; (LW10) ; c unit; (LW32) ; LW-limited by FSP. Regen delay will be 4 years RESULTS_IDIR\BOLS CONV EN anopy cover required for successfu	ul
1005356	N BCTS Kamloops and IDF xh 1 03 Clearwater FSP	I PY(.6) FDI(.6)	600	400 400 2.0 Y	4 20	•	APP cking standards cover BCTS FSP	P in DKA and DHW 2007-01 00:00		RESULTS_IDIR\BOLS CONV EN	
	Cical water i Oi							00.00			

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page:	29 of 93
District:	Resource District null		FDP	& FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32
Client Number	r: All					User ID:	idir_mtsoi
Status Code:						Database:	DBP01
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	Dis	strict Default Ind:					
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing		
	Default d Ind <u>Name BEC Lave</u>	r Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rel to RG RG RG FG FG Com	Мах	Resid Effective Expiry BA Date Date	Submitted Approved By By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Dis	FSP ID: 66	Amendment: 0	Status:	Approved		
Client:	TIMBER SALES MANAGER KAMLOOI				a da l	itional Standards Notes	
				MITD m	; FDI-partial canopy cover required for succ ay be reduced to 1.5m if the site plan has in ite plan identifies natural regeneration when	cessful establishment dentified site specific criteria as listed in tl	he FSP. Regen delay will be 4 years
					Status: APP bhic: Stocking standards cover BCTS FSP i	in DKA and DHW	
1005357	N BCTS Kamloops and IDF xh 1 04 Clearwater FSP	I PY(.6) FDI(.6)	600 400 400 2.0 Y	4 20 125%	, D	2007-01-01 00:00:	RESULTS_ IDIR\BOLS CONV EN
					Add	itional Standards Notes	
					Status: APP bhic: Stocking standards cover BCTS FSP i	in DKA and DHW	
1005358	N BCTS Kamloops and IDF xh 1 05 Clearwater FSP	I PY(.6) FDI(.6)	600 400 400 2.0 Y	4 20 1259	, 0	2007-01-01 00:00:	RESULTS_IDIR\BOLS CONV EN
					Add	itional Standards Notes	
					Status: APP hic: Stocking standards cover BCTS FSP i	in DKA and DHW	
1005359	N BCTS Kamloops and IDF xh 1 06 Clearwater FSP	I FDI(.6) PY(.6) LW(.6)	1000 500 400 2.0 Y	4 20 1259	, 0	2007-01-01 00:00:	RESULTS_IDIR\BOLS CONV EN
					Add	itional Standards Notes	
				LW-rest growing	; FDI-partial canopy cover required for succ ricted to northerly aspects; (LW13) ; LW-res -season frosts	cessful establishment; (LW1) ; LW-elevat stricted to upper elevations of biogeoclim	ed microsites are preferred; (LW10) ; atic unit; (LW32) ; LW-limited by

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of Fores	ts			Page:	30	of 93
District:	Resource District null						FDP 8	& FSP Stocking Stand	lards Report			Date Printed:	2018-07-31 08:4	46:32
Client Number	r: All											User ID:	idir_mtsoi	
Status Code:												Database:	DBP01	
BGC Zone:		BGC SubZone:										Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id											File:		
Comments:	Distric	ct Default Ind:												
	MOF		Species	Sto	cking (w/s)			Offsets		Max Density Post Spacing				
	Default d Ind <u>Name BEC Layer</u> _	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Mi Pre	n Min R ef Horz Obl.		Erl No RG RG	Lt No Erl Lt Ht Rel t RG FG FG Cor		Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: <u>The</u>	FSP Name: Kamloops TSA Forest Development Plan ompson Rivers Natural Resource District TIMBER SALES MANAGER KAMLOOPS,	FSP ID: 66		Arr	endment: ()			Status:	Approved				
1005360	N BCTS Kamloops and IDF xh 1 07 Clearwater FSP	l FDI(.6) PY(.6)	LW(.6) CW(.6)	1000	500 40	10 2.0	Y	4	Regim	SP. Regen delay will be 4 years unless site p ne Status: APP raphic: Stocking standards cover BCTS FSP 5%	in DKA and DHW 2007-01-	01	RESULTS_ I	DIR\BOLS
										Ada ; LW-elevated microsites are preferred; (LW ions of biogeoclimatic unit; (LW32) ; LW-lmi		ites northerly aspects; (L\		EN to upper
									MITD i unless Regim	may be reduced to 1.5m if the site plan has a site plan identifies natural regeneration whe be Status: APP raphic: Stocking standards cover BCTS FSP	identified site specific c en it can be set up to a	criteria as listed in the		will be 4 years
1005361	N BCTS Kamloops and IDF xh 1 08 Clearwater FSP	l FDI(.8) PLI(1.0) SX(.8)	CW(.8)	1200	700 60	0 2.0	Y	4	20 125		2007-0 00:0 ditional Standards No	0:	RESULTS_ II CONV	DIR\BOLS EN
									preferr MITD	Add ; FDI-elevated microsites are preferred; (FD red; (CW37) ; CW-risk of heart rots may be reduced to 1.5m if the site plan has s site plan identifies natural regeneration who	0132) ; FDI-limited by gr identified site specific c	rowing-season frosts criteria as listed in the		
										ne Status: APP raphic: Stocking standards cover BCTS FSP	in DKA and DHW			
1005362	N BCTS Kamloops and IDF xh 1 a 98 Clearwater FSP	I FDI(.8) PY(.6)		1200	700 60	0 2.0	Y	4	20 125	5%	2007-0 00:0		RESULTS_ II CONV	DIR\BOLS EN

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null			Ministry of Forests FDP & FSP Stocking Standards Report											Page: Date Printed:	31 2018-07-31 08:4	of 93
Client Number							FDF	a for 310	cking Stand	arus Report					User ID:	idir_mtsoi	10.32
Status Code:	. All														Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
DOO Zone.		BGG Gubzone.													Report ID.	ROLIOGICON	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:	E	District Default Ind:															
	MOF	Spe	cies	Stocki	ng (w/s)				Offsets				Density Post				
	Default J Ind <u>Name BEC Lay</u>	ver Pref SPP/Ht	Acc Spp/Ht	M Targ Stck	lin Mi Pre	in Mir ef Horz C	n Regen Ibl.	RG	Erl No RG	Lt No Erl RG FG FG	Lt Ht Rel to Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Ame	ndmen	it: 0				Sta	tus: Appro	oved					
Org Unit:	Thompson Rivers Natural Resource D	<u>District</u>															
Client:	TIMBER SALES MANAGER KAMLOO	OPS,															
											MITD may be re	educed to 1.	wing-season frosts; 5m if the site plan ha	dditional Standards No PY32) ; PY-limited by gr s identified site specific then it can be set up to a	owing-season frosts criteria as listed in the		will be 4 years
											Regime	Status: APP Geod		ndards cover BCTS FSF	in DKA and DHW		
1005363	N BCTS Kamloops and IDF xh 2 01 Clearwater FSP	I FDI(.6) PY(.6)		1000 50	0 40	00 2.	0 Y	4		2	20 125%				-01-01	RESULTS_ CONV	IDIR\BOLS EN
											MITD may be re	educed to 1.	y cover required for s 5m if the site plan ha	dditional Standards No uccessful establishment s identified site specific hen it can be set up to a	criteria as listed in the	e FSP. Regen delay	will be 4 years
											Regime Status: Geographic: Sto		lards cover BCTS FS	P in DKA and DHW			
1005364	N BCTS Kamloops and IDF xh 2 02 Clearwater FSP	I PY(.6) FDI(.6)		400 20	0 20	00 2.	0 Y	4			20 125%			2007-0 00:0		RESULTS_ I CONV	DIR\BOLS EN
											establishment MITD may be re unless site plan Regime Status:	educed to 1.8 identifies na	cover required for su 5m if the site plan ha	dditional Standards No ccessful establishment; is identified site specific ihen it can be set up to a SP in DKA and DHW	(FDI27) ; FDI-partial criteria as listed in the	.,	
1005365	N BCTS Kamloops and IDF xh 2 03 Clearwater FSP	I PY(.6) FDI(.6)		400 20	0 20	00 2.	0 Y	4		2	20 125%	~		2007-0 00:0		RESULTS_I CONV	DIR\BOLS EN

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null			Ministry of Forests		Page: 32 of 93 Date Printed: 2019.07.31.09:46:32
Client Number			FDP	& FSP Stocking Standards Report		2010-07-31 00.40.32
	r: All					
Status Code:						Database: DBP01
BGC Zone:		BGC SubZone:				Report ID: RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:
Comments:	Dis	strict Default Ind:				
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing	
	Default td Ind	er Pref SPP/Ht Acc Spp/I	Min Min Min Regen Ht Targ Stck Pref Horz Obl.	Eri No Lt No Eri Lt Ht Rei to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Submitted Approved Date By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66	Amendment: 0	Status: Ap	proved	
Org Unit:	•	strict				
Client:	TIMBER SALES MANAGER KAMLOO	PS,				
					Additional Standards N	lotes
				Reg	ime Status: APP Geographic: Stocking standards cover BCTS FSI	P in DKA and DHW
1005366	N BCTS Kamloops and IDF xh 2 04	I PY(.6) FDI(.6)	600 400 400 2.0 Y	4 20 125%		07-01-01
	Clearwater FSP				00	0:00: RESULTS_ IDIR\BOLS CONV EN
					Additional Standards N	
				MITD may	DI-partial canopy cover required for successful establishment be reduced to 1.5m if the site plan has identified site specific plan identifies natural regeneration when it can be set up to a	criteria as listed in the FSP. Regen delay will be 4 years
				Regime Sta Geographic	atus: APP :: Stocking standards cover BCTS FSP in DKA and DHW	
1005367	N BCTS Kamloops and IDF xh 2 05	I FDI(.6) PY(.6)	1000 500 400 2.0 Y	4 20 125%	2007-	-01-01 RESULTS_IDIR\BOLS
	Clearwater FSP				00:	:00: CONV EN
					Additional Standards N	otes
				Regime Str Geographic	atus: APP :: Stocking standards cover BCTS FSP in DKA and DHW	
1005368	N BCTS Kamloops and IDF xh 2 06	I FDI(.6) PY(.6)	1200 700 600 2.0 Y	4 20 125%	2007-	-01-01 RESULTS_IDIR\BOLS
	Clearwater FSP				00:	—
					Additional Standards N be reduced to 1.5m if the site plan has identified site specific plan identifies natural regeneration when it can be set up to a	criteria as listed in the FSP. Regen delay will be 4 years

unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of F	prests					Page:	33	of 93
District:	Resource District null						FDP 8	FSP Stocking S	andards Report	İ				Date Printed:	2018-07-31 08:4	46:32
Client Number:	All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	D	istrict Default Ind:														
	MOF		Species	s	tocking (w/s)			Off	sets			Max Density Post Spacing				
Std ID		er Pref SPP/Ht	Acc Spp/Ht	Targ Stck		lin Min ref Horz O	Regen bl.	Erl N RG		Erl Lt Ht FG FG		Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		ļ	mendme	nt: 0				Status:	Approved					
Org Unit:	Thompson Rivers Natural Resource D	istrict														
Client:	TIMBER SALES MANAGER KAMLOC)PS.														
											Regime Status: APF Geographic: Stockin	g standards cover BCTS FSP	in DKA and DHW			
1005369	N BCTS Kamloops and IDF xh 2 07 Clearwater FSP	I FDI(.6) SX(.6)	PY(.6) CW(.6)	1200	700 6	00 2.0) Y	4		20	125%		2007-0 00:0		RESULTS_ CONV	IDIR\BOLS EN
										_			ditional Standards No			
											FDI32) ; FDI-limited eason frosts	l by growing-season frosts; (P	Y32) ; PY-limited by gro	owing-season frosts	; (CW32) ; CW-limite	ed by growing-
										Ň	/ITD may be reduce	ed to 1.5m if the site plan has tifies natural regeneration who			e FSP. Regen delay	will be 4 years
											Regime Status: APF Geographic: Stockin	g standards cover BCTS FSP	in DKA and DHW			
1005370	N BCTS Kamloops and IDF xh 2 08	I SX(.6) FDI(.6)	PLI(.8)	1000	500 4	00 2.0) Y	4		20	125%		2007-0		RESULTS_I	
	Clearwater FSP												00:0		CONV	EN
										s N	eason frosts; (PLI1 /ITD may be reduce	Ad microsites are preferred; (FDI); PLI-elevated microsites are ed to 1.5m if the site plan has tifies natural regeneration whe	preferred; (PLI23) ; PL identified site specific o	sites are preferred; I-restricted to trial u criteria as listed in th	ise	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
											Regime Status: APF Geographic: Stockin	g standards cover BCTS FSP	in DKA and DHW	·		
													III DIVA and DI W			
1005371	N BCTS Kamloops and IDF xh 2 a 95	I FDI(.8) PY(.8)		1200	700 6	00 2.0) Y	4		20	125%		2007-0	1-01	RESULTS_I	DIR\BOLS
1005371	N BCTS Kamloops and IDF xh 2 a 95 Clearwater FSP	l FDI(.8) PY(.8)		1200	700 6	00 2.0) Y	4			0				RESULTS_ I	DIR\BOLS EN

if the site plan has identified site specific criteria as listed in

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page: 34 of 93
District:	Resource District null		FDP 8	FSP Stocking Standards Report		Date Printed: 2018-07-31 08:46:32
Client Nur	nber: All					User ID: idir_mtsoi
Status Co	de:					Database: DBP01
BGC Zone	e:	BGC SubZone:				Report ID: RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:
Comments	s: Dist	rict Default Ind:				
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing	
<u>ID</u>	Default Std Ind <u>Name BEC Laver</u>	Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rel to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Submitted Approved Date By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66	Amendment: 0	Status: Approv	red	
Org Unit:	Thompson Rivers Natural Resource District					
Client:	TIMBER SALES MANAGER KAMLOOPS,					
1005372	N BCTS Kamloops and ICH mk 1 01 Clearwater FS	P I FDI(1.4) LW(2.0) BL(1.0) CW(1.0) PLI(2.0) SX(1.0)	1200 700 600 2.0 Y	Regime Status	en delay will be 4 years unless site plan identifies natural re s: APP tocking standards cover BCTS FSP in DKA and DHW 2007-01- 00:00	1-01 RESULTS_ IDIR\BOLS
				by growing-sez unit; (LW32) ; letvations of b biogeoclimatic (CW32) ; CW-1 MITD may be unless site pla Regime Status	ason frosts; (LW9); LW-restricted to southerly aspects; (LV LW-limited by growing-season frosts; (SX10); SX-restricte iogeoclimatic unit; (BL10); BL-restricted to northerly aspect unit; (CW10); CW-restricted to northerly aspects; (CW13) limited by growing- season frosts reduced to 1.5m if the site plan has identified site specific of n identifies natural regeneration when it can be set up to a	ower elevations of biogeoclimatic unit; (FDI32) ; FDI-limited W14) ; LW-restricted to lower elevations of biogeoclimatic ted to northerly aspects; (SX13) ; SX-restricted to upper acts; (BL13) ; BL- restricted to upper elevations of b) ; CW-restricted to upper elevations of biogeoclimatic unit; criteria as listed in the FSP. Regen delay will be 4 years
1005373	N BCTS Kamloops and ICH mk 1 01 Clearwater FSP	I FDI(1.4) LW(2.0) BL(1.0) CW(1.0) PLI(2.0) SX(1.0)	1200 700 600 2.0 Y	by growing-sea		00: CONV EN otes wer elevations of biogeoclimatic unit; (FDI32) ; FDI-limited W14) ; LW-restricted to lower elevations of biogeoclimatic

by growing-season frosts; (LW9); LW-restricted to southerly aspects; (LW14); LW-restricted to lower elevations of biogeoclimatic unit; (LW32); LW- limited by growing-season frosts; (SX10); SX-restricted to northerly aspects; (SX13); SX-restricted to upper elevations of biogeoclimatic unit; (BL10); BL-restricted to northerly aspects; (BL13); BL- restricted to upper elevations of biogeoclimatic unit; (CW10)

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page:	35 of 93
District:	Resource District null		FDP	& FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32
Client Number:	All					User ID:	idir_mtsoi
Status Code:						Database:	DBP01
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:		District Default Ind:					
	MOF fault	Species	Stocking (w/s)	Offsets	Max Density Post Spacing		
Std In		Layer Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Eri No Lt No Eri Lt Ht Rei to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	e Expiry Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Fores Development Plan	t FSP ID : 66	Amendment: 0	Status: Ap	proved		
Org Unit:	Thompson Rivers Natural Resource	ce District					
Client:	TIMBER SALES MANAGER KAM	ILOOPS,					
				unit; (CW3: Site Series	cted to northerly aspects; (CW13) ; CW-restricted to upper 2) ; CW-limited by growing-season frosts 01-YS. MITD may be reduced to 1.5m if the site plan has i e 4 years unless site plan identifies natural regeneration w	identified site specific crit	eria as listed in the FSP. Regen
				Regime Sta Geographic	atus: APP c: Stocking standards cover BCTS FSP in DKA and DHW		
1005374	N BCTS Kamloops and ICH mk 1 02 Clearwater FSP	I FDI(1.0) PLI(1.4) BL(.8) SX(.8)	600 400 400 2.0 Y	4 20 150%		007-01-01 00:00:	RESULTS_ IDIR\BOLS CONV EN
				northerly a: MITD may unless site Regime Str		pper elevations of biogeo oclimatic unit ific criteria as listed in the	
1005075					c: Stocking standards cover BCTS FSP in DKA and DHW		
1005375	N BCTS Kamloops and ICH mk 1 03 Clearwater FSP	I FDI(1.0) LW(1.4) BL(.8) CW(.8) PLI(1.4) SX(.8)	1000 500 400 2.0 Y	4 20 150%		07-01-01 00:00:	RESULTS_IDIR\BOLS CONV EN
				northerly a (CW13) ; C	Additional Standards K-restricted to northerly aspects; (SX13) ; SX-restricted to u spects; (BL13) ; BL-restricted to upper elevations of biogeoclimatic unit W- restricted to upper elevations of biogeoclimatic unit be reduced to the first first be related for the terms of the standard for the terms of ter	upper elevations of bioge oclimatic unit; (CW10) ; C	W-restricted to northerly aspects;

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests	Page: 36 of 93
District:	Resource District null		FDP 8	FSP Stocking Standards Report	Date Printed: 2018-07-31 08:46:32
Client Number	r: All				User ID: idir_mtsoi
Status Code:					Database: DBP01
BGC Zone:		BGC SubZone:			Report ID: RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id				File:
Comments:	Dist	rict Default Ind:			
	MOF	Species	Stocking (w/s)	Offsets Max De Spa	nsity Post
	Default d Ind <u>Name BEC Layer</u>	Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Eri No Lt No Eri Lt Ht Rei to Max RG RG RG FG FG Comp Conf	Resid Effective Expiry Submitted Approved Min Max BA Date Date By By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Dist	FSP ID: 66	Amendment: 0	Status: Approved	
Client:	TIMBER SALES MANAGER KAMLOOP	S,		Regime Status: APP	
					s cover BCTS FSP in DKA and DHW
1005376	N BCTS Kamloops and ICH mk 1 04 Clearwater FSP	I FDI(1.4) LW(2.0) BL(1.0) CW(1.0) PLI(2.0) SX(1.0)	1200 700 600 2.0 Y	4 20 150%	2007-01-01 RESULTS_ IDIR\BOLS 00:00: CONV EN
				aspects; (SX13); SX-restricted restricted to upper elevations of elevations of biogeoclimatic ur identified site specific criteria a can be set up to a max. of 7 ye Regime Status: APP	Additional Standards Notes g-season frosts; (LW32) ; LW-limited by growing-season frosts; (SX10) ; SX-restricted to northerly to upper elevations of biogeoclimatic unit; (BL10) ; BL-restricted to northerly aspects; (BL13) ; BL- biogeoclimatic unit; (CW10) ; CW-restricted to northerly aspects; (CW13) ; CW- restricted to upper t; (CW32) ; CW-limited by growing-season frosts MITD may be reduced to 1.5m if the site plan has listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it ars.
1005377	N BCTS Kamloops and ICH mk 1 05 Clearwater FSP	I PLI(2.0) SX(.8) BL(.8) CW(.8) FDI(1.4) LW(2.0)	1200 700 600 2.0 Y	4 20 150%	2007-01-01 RESULTS_IDIR\BOLS 00:00: CONV EN
				by growing-season frosts; (LW unit; (LW32) ; LW- limited by g MITD may be reduced to 1.5m	Additional Standards Notes any aspects; (FDI14); FDI-restricted to lower elevations of biogeoclimatic unit; (FDI32); FDI-limited); LW-restricted to southerly aspects; (LW14); LW-restricted to lower elevations of biogeoclimatic owing-season frosts; (CW32); CW1/imited by growing-season frosts if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years al regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natu DKA-Thompson Rivers Natural	ral						Ministry	/ of Fores	ts					Page:	37	of 93
District:	Resource District null						FDP & I	FSP Stock	ing Stand	ards Report					Date Printed:	2018-07-31 08:4	46:32
Client Numbe	r: All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards	Id													File:		
Comments:		District Default Ind:															
	MOF		Species	Stock	ing (w/s)				Offsets			Max Density Pos Spacing	t				
	Default d Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	l Targ Stck	/in Min Pref	Min Re Horz Obl.	gen	RG	Erl No RG	Lt No Erl Lt Ht I RG FG FG	Rel to Comp	Max Conf Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: Client:	FSP Name: Kamloops TSA Fo Development Pla <u>Thompson Rivers Natural Res</u> TIMBER SALES MANAGER H	n source District		Amo	endment	: 0				Status:	Appro	oved					
											egime Status						
											0 1	ocking standards cover B0	CTS FSP				
1005378	N BCTS Kamloops and ICH mk 1 06 Clearwater FSP	6 I PLI(2.0) SX(.8) FDI(1.4) LW(2.0)	BL(.8) CW(.8)	1200 70	600	2.0	Y	4		20	150%			2007-01- 00:00:		RESULTS_ CONV	IDIR\BOLS EN
										_			Add	litional Standards Note	S		
											egime Status eographic: St	: APP ocking standards cover B0	CTS FSP	in DKA and DHW			
1005379	N BCTS Kamloops and ICH mk 1 07 Clearwater FSP	7 I PLI(1.4) SX(.8) LW(1.4) FDI(1.0)	BL(.8) CW(.8)	1000 50	400	2.0	Y	4		20	150%			2007-01- 00:00:		RESULTS_ II CONV	DIR\BOLS EN
	Clearwaler FSF	LVV(1.4) FDI(1.0,)													CONV	EN
										pr gr M ur	referred; (LW3 rowing-seasor IITD may be r	evated microsites are prefe 32); LW-limited by growing n frosts; (BL1); BL- elevat educed to 1.5m if the site n identifies natural regener	erred; (SX g-season ed micros plan has i	frosts; (FDI1) ; FDI- elev ites are preferred; (CW3 dentified site specific crit	es are preferred; (L ated microsites are 2); CW-limited by teria as listed in the	preferred; (FDI32) growing-season from	; FDI-limited by sts
												ocking standards cover B	CTS FSP	in DKA and DHW			
1005380	N BCTS Kamloops and ICH mk 2 01 Clearwater FSP	l FDI(1.4) PLI(2.0) SX(.8)	BL(1.0) CW(1.0) LW(2.0)	1200 70	0 600	2.0	Y	4		20	150%			2007-01- 00:00:		RESULTS_ II CONV	DIR\BOLS EN
										by	FDI9) ; FDI-res y growing-sea nit;	stricted to southerly aspec sson frosts; (BL10) ; BL-res	ts; (FDI14	itional Standards Note ; FDI-restricted to lowe northerly aspects; (BL13)	r elevations of biog	eoclimatic unit; (FD upper elevations of	0132) ; FDI-limited f biogeoclimatic

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page: Date Printed:	38 of 93
District:	Resource District null		FDP a	& FSP Stocking Standards Report			2018-07-31 08:46:32
Client Number:	: All					User ID:	idir_mtsoi
Status Code:						Database:	DBP01
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	Dis	trict Default Ind:					
_	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing		
	Default 3 Ind <u>Name BEC Laye</u>	Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rel to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66	Amendment: 0	Status: App	roved		
Org Unit:	Thompson Rivers Natural Resource Dis	strict					
Client:	TIMBER SALES MANAGER KAMLOO	26					
Chefit.	TIMBER SALES MANAGER RAMILOO	-3,					
L				biogeoclimati LW restricted reduced to 1.	estricted to southerly aspects; (LW14) ; LW-restricted to I ic unit; (LW32) ; LW-limited by growing-season frosts 1 to East of North Thompson and South of 51degrees .5m if the site plan has identified site specific criteria as li ural regeneration when it can be set up to a max. of 7 yee	30' latitude and to a r isted in the FSP. Rege	
				Regime Statu Geographic:	us: APP Stocking standards cover BCTS FSP in DKA and DHW		
1005381	N BCTS Kamloops and ICH mk 2 02 Clearwater FSP	I FDI(1.0) PLI(1.4) SX(.8)	600 400 400 2.0 Y	4 20 150%		107-01-01 00:00:	RESULTS_ IDIR\BOLS CONV EN
				MITD may be unless site pl Regime Statu	Additional Standards restricted to northerly aspects; (SX13) : SX-restricted to u e reduced to 1.5m if the site plan has identified site specif an identifies natural regeneration when it can be set up to us: APP Stocking standards cover BCTS FSP in DKA and DHW	pper elevations of biog	
1005382	N BCTS Kamloops and ICH mk 2 03	I FDI(1.0) PLI(1.4) CW(.8)	1000 500 400 2.0 Y	4 20 150%	200	7-01-01	RESULTS_IDIR\BOLS
	Clearwater FSP	SX(.8)			0	0:00:	CONV EN
				to northerly a MITD may be unless site pl Regime Statu	Additional Standards. restricted to northerly aspects; (SX13) ; SX-restricted to u spects; (CW13) ; CW-restricted to upper elevations of bic reduced to 1.5m if the site plan has identified site specif an identifies natural regeneration when it can be set up to us: APP Stocking standards cover BCTS FSP in DKA and DHW	pper elevations of biog ogeoclimatic unit ic criteria as listed in the	

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Min	istry of Fore	sts					Page:	39	of 93
District:	Resource District null						FDP & FSP St	ocking Stan	dards Report					Date Printed:	2018-07-31 08:4	16:32
Client Number	er: All													User ID:	idir_mtsoi	
Status Code:	:													Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:		District Default Ind:														
	MOF		Species	Stockir	ig (w/s)			Offset	S			Density Post				
S	Default Std Ind		A O // //	Mi				Erl No		Lt Ht Rel to	Max Conf		Resid Effective	Expiry	Submitted	Approved
<u>u </u>	Name BEC	Layer Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Pret	Horz Obl.	RG	RG	RG FG FG	Comp	Conf	Min Max	A BA Date	Date	By	By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Ameno	ment: 0				Statu	IS: Approv	ved					
Org Unit: <u>⊺⊦</u>	hompson Rivers Natural Resource District															
Client:	TIMBER SALES MANAGER KAMLOOPS,															
1005383	N BCTS Kamloops and ICH mk 2 04	I FDI(1.4) PLI(2.0)	BL(1.0) CW(1.0)	1200 700	600	2.0	Y	4	2	20 150%			2007-0		RESULTS_	IDIR\BOLS
	Clearwater FSP	SX(.8)	LW(2.0)										00:0		CONV	EN
												rtherly aspects; (BL1	Additional Standards No (3); BL-restricted to upper	elevations of bioge		
										to northerly as (LW14) ; LW-r	estricted to lov	3); CW-restricted to ower elevations of bio	upper elevations of biogeogeoclimatic unit; (LW32)	oclimatic unit; (LW9 ; LW-limited by grow); LW-restricted to so ving-season frosts	outherly aspects;
										LW restricted reduced to 1.5	to East of No om if the site p	orth Thompson and plan has identified s	South of 51degrees 30 ite specific criteria as liste	latitude and to a r d in the FSP. Rege	max of 25% of TSS n delay will be 4 yea	pa. MITD may be rs unless site plan
										identifies natur	ral regeneration	on when it can be se	et up to a max. of 7 years.			
										Regime Status Geographic: S		lards cover BCTS F	SP in DKA and DHW			
1005384	N BCTS Kamloops and ICH mk 2 05	I FDI(1.4) PLI(2.0)	BL(1.0) CW(1.0)	1200 700	600	2.0	Y	4	:	20 150%			2007-0		RESULTS_II	
	Clearwater FSP	SX(1.0)											00:0		CONV	EN
										(FDI9) ; FDI-re	estricted to sou	utherly aspects; (FD	Additional Standards No 114); FDI-restricted to lov	tes ver elevations of bio	geoclimatic unit; (FD	I32) ; FDI-limited
										by growing-sea frosts	ason frosts; (E	BL13) ; BL-restricted	to upper elevations of bio	ogeoclimatic unit; (C	W32) ; CW-limited b	y growing-season
													as identified site specific c vhen it can be set up to a		e FSP. Regen delay	will be 4 years
										Regime Status Geographic: S		lards cover BCTS F	SP in DKA and DHW			
1005385	N BCTS Kamloops and ICH mk 2 06	I PLI(1.4) SX(.8)	BL(.8) CW(.8)	1000 500	400	2.0	Y	4	:	20 150%			2007-0		RESULTS_I	DIR\BOLS
	Clearwater FSP	FDI(1.0)											00:00	D:	CONV	EN
											levated micro		Additional Standards No (SX1); SX-elevated mic			ated micrositos are
												ited by growing-seas		איסטונפט מוכי אופופוונ	, (1 DT) , 1 DT-BIEV	alea microsites ale

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural				Ministry of Forests		Page:	40 of 93
District:	Resource District null			FDP 8	& FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32
Client Number	r: All						User ID:	idir_mtsoi
Status Code:							Database:	DBP01
BGC Zone:		BGC SubZone:					Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id						File:	
Comments:	Distr	ict Default Ind:						
	MOF Default	Species	Stockin	ng (w/s)	Offsets	Max Density Post Spacing		
	d Ind	Pref SPP/Ht Acc Spp	Min Ht Targ Stck	n Min Min Regen Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rel RG RG RG FG FG Co	to Max Resid Effective omp Conf Min Max BA Date	Expiry Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66	Amer	ndment: 0	Status:	Approved		
Org Unit:	Thompson Rivers Natural Resource Dist	rict						
Client:	TIMBER SALES MANAGER KAMLOOPS	З,						
					MITD unles: Regin	c; (BL1); BL-elevated microsites are preferred; (CW32); CW-limit may be reduced to 1.5m if the site plan has identified site specifi is site plan identifies natural regeneration when it can be set up to me Status: APP graphic: Stocking standards cover BCTS FSP in DKA and DHW	c criteria as listed in the	
1005386	N BCTS Kamloops and ICH mm 01	I FDI(1.4) PLI(2.0) BL(1.0) HW	1.0) 1200 700	600 2.0 Y	•		07-01-01	
	Clearwater FSP	SX(1.0) CW(1.0) PW(1.0)	.200 100	2.0			0:00:	RESULTS_ IDIR\BOLS CONV EN
1005387	N BCTS Kamloops and ICH mm 02	I FDI(1.4) PLI(1.4) HW(.8) CW	8) 1000 500	400 2.0 Y	PW ru 1.5m natura Regin	Additional Standards I 5) ; SX-risk of weevil damage; (BL29) ; BL-risk of heavy browsing ust resistant stock may be preferred to a max of 50% of preferred if the site plan has identified site specific criteria as listed in the F al regeneration when it can be set up to a max. of 7 years. me Status: APP graphic: Stocking standards cover BCTS FSP in DKA and DHW	by moose; (PW31); PV and acceptable well-sp	baced stems. MITD may be reduced to
1005387	Clearwater FSP	SX(.8)	8) 1000 500	400 2.0 f	4 20 15):00:	CONV EN
1005000	N ROTE Kompany and 1011 are 22		1.0) 1000 700	600 20 Y	unles: Regin Geog	Additional Standards I of may be reduced to 1.5m if the site plan has identified site specifi is site plan identifies natural regeneration when it can be set up to me Status: APP graphic: Stocking standards cover BCTS FSP in DKA and DHW	c criteria as listed in the a max. of 7 years.	
1005388	N BCTS Kamloops and ICH mm 03 Clearwater FSP	I FDI(1.4) BL(1.0) CW HW(1.0) PLI(2.0) SX(1.0)	1.0) 1200 700	600 2.0 Y	4 20 15		07-01-01 0:00:	RESULTS_ IDIR\BOLS CONV EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Ministry of Fores	s				Page:	41	of 93
District:	Resource District null					FDP & FS	P Stocking Stand	ards Report				Date Printed:	2018-07-31 08:4	6:32
Client Number:	: All											User ID:	idir_mtsoi	
Status Code:												Database:	DBP01	
BGC Zone:		BGC SubZone:										Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id											File:		
Comments:		District Default Ind:												
_	MOF		Species	Stocking	g (w/s)		Offsets			Max Density Post Spacing				
	Default I Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	n Min Min Pref Horz Ob	Regen I.	Erl No RG RG	Lt No Erl RG FG FG	Lt Ht Rel to Comp	Max Conf Min Ma	Resid Effective x BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Fore Development Plan	est FSP ID: 66		Amen	dment: 0			Sta	atus: App	roved				
Org Unit:	Thompson Rivers Natural Resou	urce District												
Client:	TIMBER SALES MANAGER KA	MLOOPS,												
-									(PL 20) · PL r	sk of heavy browsing by moose	Additional Standards No	tes		
									MITD may be	reduced to 1.5m if the site plan l an identifies natural regeneration			e FSP. Regen delay	will be 4 years
									Regime Statu Geographic:	is: APP Stocking standards cover BCTS I	SP in DKA and DHW			
1005389	N BCTS Kamloops and ICH mm 04 Clearwater FSP	I CW(1.0) HW(1.0) SX(1.0) FDI(1.4)	BL(1.0) PLI(2.0) PW(2.0)	1200 700	600 2.0	Y	4		20 150%		2007 00:	-01-01 00:	RESULTS_ CONV	IDIR\BOLS EN
		1 DI(1.4)									Additional Standards No			
									(FDI32) ; FDI	 limited by growing-season frosts limited by growing-season frosts 				
									1.5m if the sit	tant stock may be preferred to a e plan has identified site specific eration when it can be set up to a	criteria as listed in the FSF			
									Regime Statu	•	,			
1005390	N BCTS Kamloops and ICH mm 05 Clearwater FSP	I CW(1.0) HW(1.0) SX(1.0)	BL(1.0) PLI(2.0) PW(2.0)	1200 700	600 2.0	Y	4		20 150%		2007 00:	-01-01 00:	RESULTS_ CONV	IDIR\BOLS EN
		FDI(1.4)								-limited by growing-season frosts -limited by growing-season frosts		growing-season frost		

(FDI32); FDI-limited by growing-season frosts; (BL29); BL-risk of heavy browsing by moose; (PLI1); PLI-elevated microsites are preferred; (PW31); PW-risk of white pine blister rust PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable well-spaced stems. MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural		Ministry of Forests													Page:	42	of 93	
District:	Resource District null						F	DP & FSP	Stocking Sta	andards Report							Date Printed:	2018-07-31 08:4	16:32
Client Numbe	r: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:		BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:		District Default Ind:																	
	MOF	Spec	ies	Sto	ocking (w/s	5)			Offs	ets				Density Po	ost				
	Default d Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	Targ Stck		Min Pref Ho	Min Reger rz Obl.		Erl No G R			It Rel to Comp	Max Conf	Min	Мах	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: Client:	FSP Name: Kamloops TSA Fores Development Plan Thompson Rivers Natural Resour	rce District		A	nendme	ent: 0					Status	: Appro	oved						
												natural regene	ration when i	it can be set		v of 7 years			
												naturai regene	ration when i	il can be sei	up to a max	x. or 7 years.			
												Regime Status Geographic: S		dards cover	BCTS FSP	in DKA and DHW			
1005391	N BCTS Kamloops and ICH mm 06 Clearwater FSP	I CW(.8) HW(.8) PLI(1.4) SX(.8)	BL(.8) PW(.8)	1000	500	400	2.0	Y	4		20	150%				2007- 00:0	-01-01 00:	RESULTS_ CONV	IDIR\BOLS EN
1005202	N. PCTS Kaploons and ICH are 27			400	200	200	20	×.	4			preferred; (HW microsites are ; SX-limited by BL-risk of heav PW rust resista 1.5m if the site natural regene Regime Status Geographic: S	(32) ; HW-lim preferred; (S growing-sea ry browsing b ant stock may plan has ide ration when i :: APP	hited by grov (X32) (ason frosts; (by moose; (f (by be preferre (antified site s) (it can be set	eferred; (CV ving-season (SX35) ; SX- PW31) ; PW ed to a max specific crite ; up to a max	in DKA and DHW	rowing-season frost svated microsites ar ; (BL1) ; BL-elevate er rust d acceptable well-s ?. Regen delay will b	ts; (HW1) ; HW-eleva re preferred; (SX1) ; \$ ad microsites are pref spaced stems. MITD be 4 years unless site	ted microsites are SX-elevated erred; (BL29) ; may be reduced to e plan identifies
1005392	N BCTS Kamloops and ICH mm 07 Clearwater FSP	I PLI(1.4) SB(.8) SX(.8)		400	200	200	2.0	Y	4		20	150%				2007-0 00:0		RESULTS_I CONV	DIR\BOLS EN
		0.((0)													eferred; (SB1	litional Standards No 1) ; SB-elevated micros rosts: (SX35) : SX- risk	tes sites are preferred;	(SX1) ; SX-elevated	microsites are

(PLT); PLPerevated microsites are pretented; (SE1); SE-brevated microsites are preferred; (SX32); SX-brevated microsites are preferred; (SX32); SX-brevated microsites are not recommended for logging MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Ministry of	Forests						Page:	43	of 93
District:	Resource District null					FDP a	FSP Stocking	Standards Repo	rt					Date Printed:	2018-07-31 08:4	16:32
Client Number	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	D	istrict Default Ind:														
	MOF		Species	Stocking	g (w/s)		Of	fsets			Max Dens Spacir					
	Default td Ind <u>Name BEC Lay</u>	er Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	n Min Pref Ho	Min Regen orz Obl.	Erl I RG		Erl Lt Ht Re		Max Conf N	lin Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Amen	dment: 0				Status:	Approved						
Org Unit:	Thompson Rivers Natural Resource D	istrict														
Client:	TIMBER SALES MANAGER KAMLOC	DPS,														
										gime Status: APP ographic: Stocking		cover BCTS FSF	P in DKA and DHW			
1005393	N BCTS Kamloops and ICH mm 08 Clearwater FSP	I CW(.8) HW(.8) SX(.8)	BL(.8) PLI(1.4)	400 200	200	2.0 Y	4		20 1	150%			2007-01 00:00		RESULTS_ CONV	IDIR\BOLS EN
													ditional Standards Not			
									pref grov ; SX BL-I recc MIT	ferred; (HW32); F wing-season frost X-risk of weevil da limited by growin ommended for log ID may be reduce	HW-limited b ts; (SX35) amage; (BL1 ng-season fro gging ed to 1.5m if	y growing-seaso I) ; BL-elevated osts; (PLI1) ; PL the site plan has	W32) ; CW-limited by gr n frosts; (SX1) ; SX-elev microsites are preferred LI-elevated microsites a identified site specific ci en it can be set up to a i	rated microsites are l; (BL29) ; BL-risk o re preferred; (ALL5 riteria as listed in the	preferred; (SX32) ; of heavy browsing by 20) ; ALL SPECIES	SX-limited by 7 moose; (BL32) ; 5 - site series not
										gime Status: APP ographic: Stocking		cover BCTS FSF	o in DKA and DHW			
1005394	N BCTS Kamloops and ICH mw 2 01 Clearwater FSP	I FDI(1.4) LW(2.0)	PLI(2.0) CW(1.0) PW(2.0) SX(1.0)	1200 700	600	2.0 Y	4		20 1	150%			2007-01 00:00		RESULTS_ II CONV	DIR\BOLS EN
									nort PW 1.5r natu Reg	therly aspects; (S) / rust resistant stor m if the site plan h ural regeneration gime Status: APP	X13) ; SX-re ock may be p has identified when it can	vith proven PI pe stricted to upper referred to a ma d site specific crit be set up to a ma	Iditional Standards Not informance; (PW31); PW elevations of biogeoclin x of 50% of preferred an teria as listed in the FSP ax. of 7 years.	/-risk of white pine b natic unit d acceptable well-sp	paced stems. MITD	may be reduced to

Geographic: Stocking standards cover BCTS FSP in DKA and DHW

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Minis	try of Fores	ts					Page:	44 c	of 93
District:	Resource District null					FDI	P & FSP Stoo	king Stand	ards Report					Date Printed:	2018-07-31 08:46	6:32
Client Nu	mber: All													User ID:	idir_mtsoi	
Status Co	ode:													Database:	DBP01	
BGC Zon	e:	BGC SubZone:												Report ID:	RSLTCore07	
Group By	r: FSP, Org Unit, Client, Standards Id													File:		
Comment	ts:	District Default Ind:														
	MOF	Species	1	Stockin	g (w/s)			Offsets			Max Density P Spacing	ost				
<u>ID</u>	Default Std Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht Ta	Mi Farg Stck	n Min Pref		RG	Erl No RG	Lt No Erl Lt Ht R RG FG FG (Rel to Comp	Max Conf Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Amend	ment: 0				Status:	Approved						
U U	: Thompson Rivers Natural Resource District															
Client:	TIMBER SALES MANAGER KAMLOOPS,															
1005395	N BCTS Kamloops and ICH mw 2 01 Clearwater FSP	l FDI(1.4) LW(2.0) HV CW(1.0) SX(1.0) PV	. , . ,	1200 700	600	2.0 Y	4		20	150%			2007-01- 00:00:		RESULTS_ CONV	IDIR\BOLS EN
									res asp per Site MIT	stricted to north pects; (HW13) rformance; (PW e Series 01-YS TD may be red	erly aspects; (SX13) ; HW- restricted to up V31) ; PW-risk of whit 6. PW rust resistant si luced to 1.5m if the si	spects; (CW1 ; SX-restrict oper elevatio te pine bliste tock may be ite plan has i	ditional Standards Note I3); CW-restricted to up ed to upper elevations o ns of biogeoclimatic unit r rust preferred to a max of 50 dentified site specific cri en it can be set up to a m	ber elevations of bio f biogeoclimatic uni ; (PLI51) ; PLI-restr 0% of preferred and teria as listed in the	t; (HW10) ; HW-restr icted to areas with p acceptable well-spa	icted to northerly roven Pl ced stems.
										egime Status: A eographic: Stoc	PP king standards cover	BCTS FSP	in DKA and DHW			
1005396	N BCTS Kamloops and ICH mw 2 02 Clearwater FSP		W(1.0) W(2.0) SX(1.0)	1200 700	600	2.0 Y	4		20	150%			2007-01- 00:00:		RESULTS_ ID CONV	IR\BOLS EN
									PW 1.5	V rust resistant 5m if the site pla	stock may be preferr	roven PI per red to a max specific crite	litional Standards Note formance; (PW31); PW- of 50% of preferred and ria as listed in the FSP. x. of 7 years.	risk of white pine b acceptable well-sp	aced stems. MITD m	
									Re	gime Status: A						
1005397	N BCTS Kamloops and ICH mw 2 03 Clearwater FSP	I FDI(1.4) LW(2.0) CV PLI(2.0) SX(1.0) PV	. ,	1200 700	600	2.0 Y	4		20	150%			2007-01-		RESULTS_ ID CONV	IR\BOLS EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Mi	nistry of Forests						Page:	45	of 93
District:	Resource District null						I	FDP & FSP \$	Stocking Standa	ds Report					Date Printed:	2018-07-31 08:4	16:32
Client Numbe	er: All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:	Dis	trict Default Ind:															
	MOF	Spec	cies	St	tocking (v	v/s)			Offsets			Max Densit Spacing					
	Default td Ind	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref He	Min Rege orz Obl.		Erl No G RG	Lt No Erl RG FG FG	Lt Ht Rel to Com	Max		Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Dis	FSP ID: 66		A	Amendn	nent: 0				Sta	atus:	Approved					
Client:	TIMBER SALES MANAGER KAMLOO	PS,															
											upper el PW rust 1.5m if t	; PLI-restricted to areas wit evations of biogeoclimatic resistant stock may be pre he site plan has identified regeneration when it can be	h proven PI per unit; (PW31) ; P ferred to a max site specific crite	W-risk of white pine bl of 50% of preferred ar ria as listed in the FSF	-restricted to northe ister rust nd acceptable well-s	spaced stems. MITD r	may be reduced to
											Upper el PW rust 1.5m if t natural r Regime	evations of biogeoclimatic resistant stock may be pre he site plan has identified s	h proven PI per unit; (PW31) ; P ferred to a max site specific crite set up to a ma	formance; (SX10); SX W-risk of white pine bl of 50% of preferred ar ria as listed in the FSF x. of 7 years.	-restricted to northe ister rust nd acceptable well-s	spaced stems. MITD r	may be reduced to
1005398	N BCTS Kamloops and ICH mw 2 04 Clearwater FSP	FDI(1.4) HW(1.0)	BL(1.0) PLI(2.0) PW(2.0)	1200	700	600	2.0	Y	4		Upper el PW rust 1.5m if t natural r Regime	evations of biogeoclimatic resistant stock may be pre he site plan has identified s regeneration when it can be Status: APP obic: Stocking standards co	h proven PI per unit; (PW31) ; P ferred to a max site specific crite set up to a ma	formance; (SX10); SX W-risk of white pine bl of 50% of preferred ar ria as listed in the FSF x. of 7 years. in DKA and DHW	-restricted to northe ister rust nd acceptable well-s P. Regen delay will I -01-01	spaced stems. MITD r	may be reduced to
1005398				1200	700	600	2.0	Y	4	:	upper el PW rust 1.5m if t natural n Regime Geograp 20 1509 (FDI9) ; to south PI perfo PW rust 1.5m if t natural n Regime	evations of biogeoclimatic resistant stock may be pre he site plan has identified s regeneration when it can be Status: APP obic: Stocking standards co	h proven PI per unit; (PW31); P ferred to a max site specific crite e set up to a ma wer BCTS FSP Addc aspects; (FDI14 aspects; (FDI14 restricted to low of white pine bli ferred to a max site specific crite e set up to a ma	formance; (SX10); SX W-risk of white pine bl of 50% of preferred ar ria as listed in the FSF x. of 7 years. in DKA and DHW 2007 00: litional Standards No b); FDI-restricted to lov er elevations of biogec ster rust of 50% of preferred ar ria as listed in the FSF x. of 7 years.	-restricted to northe ister rust nd acceptable well-s . Regen delay will l -01-01 00: tes wer elevations of bio cclimatic unit; (PLI5 nd acceptable well-s	RESULTS_ CONV pgeoclimatic unit; (LW 1) ; PLI-restricted to a spaced stems. MITD r	nay be reduced to plan identifies IDIR\BOLS EN /9) ; LW-restricted reas with proven may be reduced to
1005398		FDI(1.4) HW(1.0)	PW(2.0) BL(1.0) HW(1.0)	1200	700	600		Y Y	4		upper el PW rust 1.5m if t natural n Regime Geograp 20 1509 (FDI9) ; to south PI perfo PW rust 1.5m if t natural n Regime	evations of biogeoclimatic resistant stock may be pre- he site plan has identified i regeneration when it can be Status: APP ohic: Stocking standards co FDI-restricted to southerly erly aspects; (LW14) ; LW- rmance; (PW31) ; PW-risk resistant stock may be pre- he site plan has identified i regeneration when it can be Status: APP ohic: Stocking standards co	h proven PI per unit; (PW31); P ferred to a max site specific crite e set up to a ma wer BCTS FSP Addc aspects; (FDI14 aspects; (FDI14 restricted to low of white pine bli ferred to a max site specific crite e set up to a ma	formance; (SX10); SX W-risk of white pine bl of 50% of preferred ar ria as listed in the FSF x. of 7 years. in DKA and DHW 2007 00: litional Standards No b); FDI-restricted to lov er elevations of biogec ster rust of 50% of preferred ar ria as listed in the FSF x. of 7 years.	-restricted to northe ister rust d acceptable well-s P. Regen delay will I -01-01 00: tes wer elevations of bid colimatic unit; (PLI5 hd acceptable well-s P. Regen delay will I 1-01	RESULTS_ CONV pgeoclimatic unit; (LW 1) ; PLI-restricted to a spaced stems. MITD r	(9); LW-restricted reas with proven may be reduced to plan identifies

(CW32) ; CW-limited by growing-season frosts; (FDI1) ; FDI-elevated microsites are preferred; (FDI32) ; FDI-limited by growing-season frosts; (LW1) ; LW-elevated microsites are preferred; (LW32) ; LW-limited by growing-season frosts; (HW32) ; HW-limited by

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Ministry of Fore	sts					Page:	46	of 93
District:	Resource District null							FDP & I	SP Stocking Stan	dards Report					Date Printed:	2018-07-31 08:4	16:32
Client Number:	All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:	D	District Default Ind:															
	MOF Default	S	pecies	Si	tocking (v				Offset			_	Max Density Post Spacing	B 115% //	_ .		
ID Std	Ind <u>BEC Lay</u>	ver Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref H	Min Re orz Obl.	egen	Erl No RG RG			Rel to Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		A	Amendr	nent: 0					Status:	Approv	ed				
Org Unit:	Thompson Rivers Natural Resource D	District															
Client:	TIMBER SALES MANAGER KAMLOO	OPS,															
1005400	N BCTS Kamloops and ICH mw 2 06 Clearwater FSP	I CW(.8) SX(.8)	BL(.8) HW(.8) PLI(1.4) PW(1.4)	1000	500	400	2.0	Y	4		تن ۲ ۲ ۲ ۳ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲ ۲	isk of white pine Wrust resistant .5m if the site pl .atural regenerat Regime Status: A Geographic: Stoc 150% CW1); CW-elev, referred; (BL1); rrowing-season f PW31); PW-risk PW rust resistant .5m if the site pl atural regenerat Regime Status: A	stock may be preferred to a max an has identified site specific crite ion when it can be set up to a max pP kking standards cover BCTS FSP Add ated microsites are preferred; (CV BL-elevated microsites are prefer rosts; (PL11); PLI- elevated micro c of white pine blister rust stock may be preferred to a max an has identified site specific crite ion when it can be set up to a max	of 50% of preferred a ria as listed in the FSI x. of 7 years. in DKA and DHW 2007 00 litional Standards No V32) ; CW-limited by g rred; (HW1) ; HW-elex soltes are preferred; (F of 50% of preferred a ria as listed in the FSI x. of 7 years.	nd acceptable well-s P. Regen delay will b 7-01-01 :00: btes growing-season frost: vated microsites are p PLI51) ; PLI-restricted nd acceptable well-s	RESULTS_ CONV s; (SX1) ; SX-elevate preferred; (HW32) ; I to areas with prove paced stems. MITD	IDIR\BOLS EN ed microsites are HW-limited by n PI performance; may be reduced to
1005401	N BCTS Kamloops and ICH mw 2 07 Clearwater FSP	l CW(.8) PLI(1.4) SX(.8)	BL(.8) HW(.8)	1000	500	400	2.0	Y	4		(0		Add ated microsites are preferred; (CV		00: otes growing-season frosta		EN ed microsites are

(CW1); CW-elevated microsites are preferred; (CW32); CW-limited by growing-season frosts; (PLI1); PLI-elevated microsites are preferred; (PLI51); PLI-restricted to areas with proven PI performance; (SX1); SX-elevated microsites are preferred; (BL1); BLelevated microsites are preferred; (HW1); HW-elevated microsites are preferred; (HW32); HW-limited by growing-season frosts MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of For	ests				Page:	47	of 93
District:	Resource District null						FDP &	FSP Stocking Sta	ndards Report				Date Printed:	2018-07-31 08:4	16:32
Client Number	: All												User ID:	idir_mtsoi	
Status Code:													Database:	DBP01	
BGC Zone:		BGC SubZone:											Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id												File:		
Comments:	E	istrict Default Ind:													
	MOF		Species	Sto	cking (w/s)			Offse	its	_	Max Density Post Spacing				
	Default d Ind <u>Name BEC Lay</u>	er Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Mi Pre	n Min ef Horz Ok	Regen ol.	Erl No RG RG		t Ht Rel to Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		An	nendmen	t: 0			State	us: Appro	oved				
Org Unit:	Thompson Rivers Natural Resource D	istrict													
Client:	TIMBER SALES MANAGER KAMLOO	DPS,													
										the FSP. Reger set up to a max	n delay will be 4 years unless site p k. of 7 years.	lan identifies natural re	egeneration when it o	can be	
										Regime Status: Geographic: St	: APP ocking standards cover BCTS FSP	in DKA and DHW			
1005402	N BCTS Kamloops and ICH mw 3 01 Clearwater FSP	I FDI(1.4) SX(1.0) CW(1.0)	PLI(2.0) BL(1.0) PW(2.0) HW(1.0) LW(2.0)	1200	700 60	0 2.0	Y	4	20) 150%		2007 00:	7-01-01 :00:	RESULTS_ CONV	IDIR\BOLS EN
										(0)(10) + 0)(10)		litional Standards No		e a alimatia unit. (CM/	
										to northerly asp PI performance ; PW-risk of wh biogeoclimatic (LW32) ; LW- lii Site Series 01 a LW restricted tt to 1.5m if the si	stricted to northerly aspects; (SX13) pects; (CW13); CW-restricted to up ; (BL10); BL-restricted to northerly itte pine blister rust; (HW10); HW-ru unit; (LW9); LW-restricted to south imited by growing-season frosts and 01-YC. PW rust resistant stock to East of North Thompson and Sou ite plan has identified site specific c ration when it can be set up to a ma	per elevations of bioge aspects; (BL13); BL-r- estricted to northerly as erly aspects; (LW14); may be preferred to a h of 51degrees 30' latii riteria as listed in the F	eoclimatic unit; (PLI5 restricted to upper el- spects; (HW13); HW LW-restricted to low max of 50% of prefe itude and to a max o	 PLI-restricted to evations of biogeoclin /-restricted to upper er elevations of biogeo- erred and acceptable f 25% of TSSpa. MIT 	areas with proven matic unit; (PW31) elevations of eoclimatic unit; well-spaced stems. 'D may be reduced
										Regime Status: Geographic: St	: APP ocking standards cover BCTS FSP	in DKA and DHW			
1005403	N BCTS Kamloops and ICH mw 3 02	I FDI(1.0) PLI(1.4)	CW(.8) PW(1.4)	1000	500 40	0 2.0	Y	4	2	0 150%		2007-0)1-01	RESULTS_II	DIR\BOLS
	Clearwater FSP		PY(.8)									00:0	00:	CONV	EN
										(0)1/(10)		litional Standards No			
										white pine bliste	estricted to northerly aspects; (CW er rust ant stock may be preferred to a max	, .			,

PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable well-spaced stems. MITD may be reduced to 1.5m if the site plan has identified site

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page: 48 of 93 Date Printed: 2018 07 31 08:46:32
District:	Resource District null		FDP 8	FSP Stocking Standards Report		2010-07-31 00.40.32
Client Number	r: All					User ID: idir_mtsoi
Status Code:						Database: DBP01
BGC Zone:		BGC SubZone:				Report ID: RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:
Comments:		District Default Ind:				
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing	
	Default d Ind <u>Name BEC La</u>	verPref SPP/HtAcc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Rel to RG RG RG FG FG Comp	Max Resid Effective Conf Min Max BA Date	Expiry Submitted Approved Date By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66	Amendment: 0	Status: App	roved	
Org Unit:	Thompson Rivers Natural Resource E	District				
Client:	TIMBER SALES MANAGER KAMLO	DPS,				
					ia as listed in the FSP. Regen delay will be 4 years unless when it can be set up to a max. of 7 years.	s site plan identifies natural
				Regime Statu Geographic: S	us: APP Stocking standards cover BCTS FSP in DKA and DHW	
1005404	N BCTS Kamloops and ICH mw 3 03 Clearwater FSP	l FDI(1.0) PLI(1.4) CW(.8) PW(1.4) SX(.8) BL(.8) HW(.8)	1000 500 400 2.0 Y	4 20 150%		07-01-01 RESULTS_ IDIR\BOLS 00:00: CONV EN
					Additional Standards N -limited by growing-season frosts; (CW10) ; CW-restricted	
				elevations of restricted to u elevations of PW rust resis	biogeoclimatic unit; (PW31) ; PW-risk of white pine blister pper elevations of biogeoclimatic unit; (BL10) ; BL-restrict biogeoclimatic unit tant stock may be preferred to a max of 50% of preferred a	rust; (SX10); SX-restricted to northerly aspects; (SX13); S ted to northerly aspects; (BL13); BL-restricted to upper and acceptable well-spaced stems. MITD may be reduced t
				natural regen	eration when it can be set up to a max. of 7 years.	SP. Regen delay will be 4 years unless site plan identifies
				Regime Statu Geographic: \$	ιs: ΑΡΡ Stocking standards cover BCTS FSP in DKA and DHW	
1005405	N BCTS Kamloops and ICH mw 3 04 Clearwater FSP	I FDI(1.4) PLI(2.0) CW(1.0) PW(2.0) SX(1.0) HW(1.0)	1200 700 600 2.0 Y	4 20 150%		07-01-01 RESULTS_ IDIR\BOLS 00:00: CONV EN
		100(1.0)			Additional Standards N	Notes
				upper elevatio (SX13); SX-r PW rust resis 1.5m if the sit	restricted to areas with proven PI performance; (CW10); (ons of biogeoclimatic unit; (PW31); PW-risk of white pine 'estricted to upper elevations of biogeoclimatic unit tant stock may be preferred to a max of 50% of preferred a	CW-restricted to northerly aspects; (CW13) ; CW-restricted

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Mini	stry of Fores	sts						Page:	49	of 93
District:	Resource District null						FD	P & FSP Sto	ocking Stand	lards Report						Date Printed:	2018-07-31 08:	46:32
Client Number	: All															User ID:	idir_mtsoi	
Status Code:																Database:	DBP01	
BGC Zone:		BGC SubZone:														Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id															File:		
Comments:		District Default Ind:																
	MOF Default	Spe	ecies	5	Stocking (v	v/s)			Offsets				Max Density Post Spacing					
	d Ind	Layer Pref SPP/Ht	Acc Spp/Ht	Targ Stc	Min k	Min Pref H	Min Regen lorz Obl.	RG	Erl No RG	Lt No Erl RG FG F	Lt Ht Rel to G Comp		Max Conf Min M		Effective Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource	FSP ID: 66			Amendr	nent: 0				S	Status: /	Approved						
Org Unit:	Thompson Rivers Natural Resource																	
Client:	TIMBER SALES MANAGER KAML	OOPS,																
												Status: APP	g standards cover BCTS	FSP in DKA and	d DHW			
1005406	N BCTS Kamloops and ICH mw 3 05	I FDI(1.4)	BL(1.0) PLI(2.0)	1200	700	600	2.0 Y	4			20 150%	Ď			2007	7-01-01	RESULTS_	IDIR\BOLS
	Clearwater FSP	CW(1.0) SX(1.0)	PW(2.0) HW(1.0) LW(2.0)												00:	:00:	CONV	EN
											estricter aspects; performa elevation PW rust North Th has iden	d to northerly (BL13); BL ance; (PW31 ns of biogeod resistant sto nompson and tified site sp	ted to northerly aspects; y aspects; (SX13); SX-re- -restricted to upper eleva); PW-risk of white pine climatic unit; (LW32); LW ock may be preferred to a d South of 51 degrees 30' ecific criteria as listed in p to a max. of 7 years.	stricted to upper ions of biogeocl blister rust; (LWS -limited by grow max of 50% of p latitude and to a	estricted to u re elevations climatic unit; (9) ; LW-rest ving- seasor preferred ar a max of 25 ⁶	upper elevations of bi s of biogeoclimatic un ((PLI51); PLI-restric tricted to southerly a: n frosts nd acceptable well-sy % of TSSpa. MITD n	hit; (BL10) ; BL-restr ted to areas with pro- spects; (LW14) ; LV paced stems. LW re- may be reduced to 1	icted to northerly oven PI /-restricted to lower stricted to East of .5m if the site plan
												Status: APP ohic: Stocking	g standards cover BCTS	FSP in DKA and	d DHW			
1005407	N BCTS Kamloops and ICH mw 3 06 Clearwater FSP	I CW(1.0) FDI(1.4) HW(1.0) SX(1.0)	BL(1.0) PLI(2.0) PW(2.0) LW(2.0)	1200	700	600	2.0 Y	4			20 150%	Ď			2007 00:	7-01-01 :00:	RESULTS_ CONV	IDIR\BOLS EN
		57(1.0)									upper el blister ru LW- limi PW rust	evations of b ist; (LW9); L ted by growin resistant sto	ted to lower elevations of piogeoclimatic unit; (PLI5 W-restricted to southerly ng-season frosts ock may be preferred to a d South of 51degrees 30') ; PLI-restricted aspects; (LW14	unit; (BL10) d to areas w 4) ; LW-restr	; BL-restricted to no with proven PI perform ricted to lower elevat	mance; (PW31) ; PV tions of biogeoclima	V-risk of white pine tic unit; (LW32) ;

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of Fores				Page:		of 93
District:	Resource District null						FDP 8	FSP Stocking Stand	lards Report			Date Printed:	2018-07-31 08:4	46:32
Client Number	r: All											User ID:	idir_mtsoi	
Status Code:												Database:	DBP01	
BGC Zone:		BGC SubZone:										Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id											File:		
Comments:	D	strict Default Ind:												
	MOF	Species		Stoc	king (w/s)			Offsets		Max Density Post Spacing				
	Default d Ind <u>Name BEC Lay</u>	er Pref SPP/Ht A	.cc Spp/Ht	Targ Stck	Min Miı Pre	n Min f Horz Ob	Regen ol.	Erl No RG RG	Lt No Erl Lt Ht Reito RG FG FG Com		Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Di	FSP ID: 66		Am	endmen	t : 0			Status:	Approved				
Client:	TIMBER SALES MANAGER KAMLOC	PS,							latitude	and to a max of 25% of TSSpa. MITD ma	y be reduced to 1.5m it	the site plan has ide	entified	
									site spe	cific criteria as listed in the FSP. Regen deset up to a max. of 7 years.				on when it
										Status: APP ohic: Stocking standards cover BCTS FSF	o in DKA and DHW			
1005408	N BCTS Kamloops and ICH mw 3 07 Clearwater FSP		.0) HW(1.0) 2.0) PW(2.0) 2.0)	1200 7	00 60	0 2.0	Y	4	20 1509	6		7-01-01 :00:	RESULTS_ CONV	IDIR\BOLS EN
		Ň							season PW-risk biogeoc PW rus North T has ide when it Regime	; CW-limited by growing-season frosts; (F frosts; (HW32); HW-limited by growing- of white pine blister rust; (LW9); LW-rest limatic unit; (LW32); LW-limited by growin resistant stock may be preferred to a ma nompson and South of 51degrees 30' latit titified site specific criteria as listed in the f can be set up to a max. of 7 years. Status: APP	eason frosts; (PLI51); ricted to southerly asping- season frosts x of 50% of preferred a ude and to a max of 25 FSP. Regen delay will I	crosites are preferred PLI-restricted to area ects; (LW14) ; LW-re nd acceptable well-s 5% of TSSpa. MITD r	as with proven PI perf estricted to lower elev spaced stems. LW res may be reduced to 1.	formance; (PW31) ; ations of stricted to East of 5m if the site plan
									-	ohic: Stocking standards cover BCTS FSF				
1005409	N BCTS Kamloops and ICH mw 3 08 Clearwater FSP		8) PW(.8)	1000 5	00 40	0 2.0	Y	4	20 150%	, 0	2007-0 00:0		RESULTS_ II CONV	DIR\BOLS EN
	Ciediwalei FSP	PLI(1.4) SX(.8)											COINV	EIN
									preferre areas w	Ad CW-elevated microsites are preferred; (C d; (HW32) ; HW-limited by growing-seaso th proven PI performance; (SX1) ; SX-ele ; PW-risk of white pine blister rust	n frosts; (PLI1) ; PLI-el	growing-season frost evated microsites ar	e preferred; (PLI51) ;	PLI-restricted to

(PW31); PW-risk of white pine blister rust PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Ministry of Fores	s				Page:	51 0	of 93
District:	Resource District null							FDP & F	SP Stocking Stand	rds Report				Date Printed:	2018-07-31 08:4	6:32
Client Number:	All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Distrie	ct Default Ind:														
	MOF	Specie	es	S	Stocking (w/s)			Offsets			Max Density Post Spacing				
D Std <u>ID</u>		Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref H	Min Reg lorz Obl.	jen	Erl No RG RG	Lt No Erl RG FG FG	Lt Ht Rel to Comp	Max Conf Min Ma	Resid Effective ax BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: Client:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Distri TIMBER SALES MANAGER KAMLOOPS			,	Amend	ment: 0				Sta	tus: App	proved				
											as listed in t of 7 years. Regime Sta	stems. MITD may be reduced to he FSP. Regen delay will be 4 yea tus: APP : Stocking standards cover BCTS I	ırs unless site plan identifie			up to a max.
1005410	N BCTS Kamloops and ICH vk 1 01 Clearwater FSP	. , . ,	FDI(1.4) PW(2.0) HW(1.0)	1200	700	600	2.0	Y	4		20 150%		2007-0 00:0		RESULTS_ID	DIR\BOLS EN
											elevated mid biogeoclima pine blister i PW rust res 1.5m if the s	N-limited by growing-season frosts crosites are preferred; (FDI9); FDI tic unit; (FDI32); FDI-limited by gr ust; (HW32); HW-limited by grow istant stock may be preferred to a site plan has identified site specific neration when it can be set up to a	-restricted to southerly asp rowing-season frosts; (FDI ng-season frosts max of 50% of preferred a criteria as listed in the FSI	upper elevations of b pects; (FDI14) ; FDI-r 34) ; FDI-risk of snov nd acceptable well-sp	estricted to lower ele w damage; (PW31) ; I paced stems. MITD n	vations of PW-risk of white nay be reduced to
											Regime Sta Geographic	tus: APP : Stocking standards cover BCTS				
1005411	N BCTS Kamloops and ICH vk 1 02	I FDI(1.4)	HW(1.0)	1200	700	600	2.0	Υ	4	:	20 150%		2007	/-01-01	RESULTS_	IDIR\BOLS
	Clearwater FSP	CW(1.0) SX(1.0) BL(1.0)	PW(2.0)								(FDI9) ; FDI	-restricted to southerly aspects; (P	00 Additional Standards No W31) : PW-risk of white pi	otes	CONV	EN

(FDI9) ; FDI-restricted to southerly aspects; (PW31) ; PW-risk of white pine blister rust PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable well-spaced stems. MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Minis	stry of Fore	sts									Page:		52 0	of 93
District:	Resource District null							FDP 8	FSP Sto	cking Stan	dards Re	eport								Date Printed:	2018	3-07-31 08:4	6:32
Client Number	r: All																			User ID:	idir_r	mtsoi	
Status Code:																				Database:	DBP	201	
BGC Zone:		BGC SubZone:																		Report ID:	RSL	TCore07	
Group By:	FSP, Org Unit, Client, Standards Id																			File:			
Comments:		District Default Ind:																					
	MOF	Species		s	tocking	(w/s)				Offsets	6			_	Max	Density P Spacing	ost						
	Default d Ind <u>Name BEC L</u>	<u>ayer</u> Pref SPP/Ht A	cc Spp/Ht	Targ Stck	Min	Min Pref	Min Ro Horz Obl.	egen	RG	Erl No RG	Lt N R	o Erl GFGF		Ht Rel to Comp	Max Conf	Min	Мах	Resid Effect BA Date		Expiry Date	Su By	ubmitted y	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		ļ	Amend	Iment: ()					ŝ	Statu	is: App	roved								
Org Unit:	Thompson Rivers Natural Resource	District																					
Client:	TIMBER SALES MANAGER KAMLO	DOPS,																					
L														Regime Stat Geographic:		lards cover	BCTS FSF	P in DKA and DHV	v				
1005412	N BCTS Kamloops and ICH vk 1 03	I CW(1.0) PW(2.0)	1200	700	600	2.0	Y	4				20	150%					2007-01	-01	R	ESULTS	IDIR\BOLS
	Clearwater FSP	FDI(1.4) HW(1.0) SX(1.0)																	00:00:			ONV	EN
														snow damag PW-risk of w PW rust resi 1.5m if the si	e; (BL10) ; BL- hite pine blister stant stock may te plan has ide	restricted t r rust y be prefer ntified site	pects; (FDI1 o northerly red to a ma specific crit	Iditional Standard 14) ; FDI-restricted aspects; (BL13) ; x of 50% of prefer teria as listed in th ax. of 7 years.	I to lower BL-restric red and a	r elevations of b icted to upper e acceptable well	elevations of ell-spaced ste	f biogeoclima ems. MITD n	atic unit; (PW31) ; nay be reduced to
														Regime Stat Geographic:		lards cover	BCTS FSF	P in DKA and DHV	V				
1005413	N BCTS Kamloops and ICH vk 1 04 Clearwater FSP	I CW(1.0) PW(FDI(1.4) HW(1.0) SX(1.0)	2.0)	1200	700	600	2.0	Y	4				20	150%					2007-01 00:00:			ESULTS_ ONV	IDIR\BOLS EN
														to upper elev PW rust resi 1.5m if the s	vations of bioge stant stock may te plan has ide neration when i	eoclimatic u y be preferentified site	pects; (FDI1 init; (PW31 red to a ma specific crit	Iditional Standard (4); FDI-restricted); PW- risk of whit (x of 50% of prefer teria as listed in th (ax. of 7 years.	to lower te pine bli red and a	r elevations of b lister rust acceptable well	ell-spaced ste	ems. MITD n	nay be reduced to

Regime Status: APP Geographic: Stocking standards cover BCTS FSP in DKA and DHW

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Mini	stry of Fores	ts			Page:	53 of	93
District:	Resource District null					F	DP & FSP Sto	ocking Stand	ards Report			Date Printed:	2018-07-31 08:46:	32
Client Number	r: All											User ID:	idir_mtsoi	
Status Code:												Database:	DBP01	
BGC Zone:		BGC SubZone:										Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id											File:		
Comments:	Distri	ct Default Ind:												
	MOF Default	Speci	es	Stock	ing (w/s)			Offsets		Max Density Post Spacing				
	d Ind	Pref SPP/Ht	Acc Spp/Ht	N Targ Stck	lin Min Pref	Min Reger Horz Obl.	n RG	Erl No RG	Lt No Erl Lt Ht Rel RG FG FG Co	to Max mp Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Amen	dment: 0				Status:	Approved				
Org Unit: Tho	ompson Rivers Natural Resource District													
Client:	TIMBER SALES MANAGER KAMLOOPS,													
1005414	N BCTS Kamloops and ICH vk 1 05 Clearwater FSP	I CW(.8) SX(.8) BL(.8)	HW(.8) PW(1.4)	1000 50	0 400	2.0	Y 4		20 15	0%	2007-01- 00:00:		RESULTS_ CONV	IDIR\BOLS EN
1005415	N BCTS Kamloops and ICH vk 1 06 Clearwater FSP	I CW(.8) HW(.8) SX(.8) BL(.8)	PW(1.4)	1000 50	0 400	2.0	Y 4		prefer growin PW r.u. 1.5m natura Regin	(); CW-elevated microsites are preferred; (CW rred; (BL1); BL-elevated microsites are prefer ng-season frosts; (PW1); PW- elevated micro- ust resistant stock may be preferred to a max if the site plan has identified site specific crite al regeneration when it can be set up to a max ne Status: APP raphic: Stocking standards cover BCTS FSP i	red; (HW1); HW-elevat isites are preferred; (PV of 50% of preferred and ria as listed in the FSP. c. of 7 years.	wing-season frosts ed microsites are p (31) ; PW-risk of wt acceptable well-sp Regen delay will be	referred; (HW32) ; HW hite pine blister rust aced stems. MITD ma	/-limited by y be reduced to lan identifies
									prefer micros PW r.v. 1.5m natura Regin	Add); CW-elevated microsites are preferred; (CW rred; (HW32); HW-limited by growing-season sites are preferred; (PW1); PW-elevated micr ust resistant stock may be preferred to a max if the site plan has identified site specific criter al regeneration when it can be set up to a max ne Status: APP raphic: Stocking standards cover BCTS FSP i	frosts; (SX1) ; SX-eleva osites are preferred; (P of 50% of preferred and ria as listed in the FSP. a. of 7 years.	wing-season frosts ted microsites are W31) ; PW-risk of w acceptable well-sp	oreferred; (BL1) ; BL-e hite pine blister rust aced stems. MITD ma	elevated
1005416	N BCTS Kamloops and ICH vk 1 01 Clearwater FSP	I SX(1.0) BL(1.0)	PW(2.0)	1200 70	0 600	2.0	Y 4		20 15	0%	2007-01- 00:00:		RESULTS_ IDIF CONV	R\BOLS EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural					Ministry of Forests	5			Page:	54	of 93
District:	Resource District null				FDP	& FSP Stocking Standa	rds Report			Date Printed:	2018-07-31 08:4	6:32
Client Number	: All									User ID:	idir_mtsoi	
Status Code:										Database:	DBP01	
BGC Zone:		BGC SubZone:								Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id									File:		
Comments:		District Default Ind:								The.		
	MOF		Species	Stocking	(w/s)	Offsets		Max Density Post				
	Default d Ind		-	Min	Min Min Regen	Erl No	Lt No Erl Lt Ht Rel to	Spacing Max	Resid Effective	Expiry	Submitted	Approved
	Name <u>BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Pref Horz Obl.	RG RG	RG FG FG Comp	Conf Min Max	BA Date	Date	Ву	Ву
FSP:	FSP Name: Kamloops TSA Forest	FSP ID: 66		Ameno	dment: 0		Status: Appr	roved				
Org Unit:	Development Plan Thompson Rivers Natural Resource	o District										
org onne.	mompson rivers natural resources											
Client:	TIMBER SALES MANAGER KAM	LOOPS,										
							(BI 13) : BL -re	Adc estricted to upper elevations of bioger	ditional Standards Note		a blietar rust	
							BEC zone: IC spaced stems	Hvk1c (cold air drainage). PW rust res. MITD may be reduced to 1.5m if the less site plan identifies natural regen	esistant stock may be pre e site plan has identified	eferred to a max of site specific criteria	50% of preferred an a as listed in the FSF	d acceptable well- P. Regen delay will
							Regime Statu Geographic: S	s: APP Stocking standards cover BCTS FSP	in DKA and DHW			
1005417	N BCTS Kamloops and ICH vk 1 02	I FDI(1.4) SX(1.0)	PW(2.0)	1200 700	600 2.0 Y	4	20 150%		2007-0	1-01	RESULTS_	IDIR\BOLS
	Clearwater FSP	BL(1.0)							00:00):	CONV	EN
							BEC zone: IC spaced stems	Add estricted to southerly aspects; (PW3 Hvk1c (cold air drainage). PW rust re s. MITD may be reduced to 1.5m if th less site plan identifies natural regen	esistant stock may be pre e site plan has identified	blister rust eferred to a max of site specific criteria	a as listed in the FSF	d acceptable well- P. Regen delay will
							Regime Statu Geographic: S	s: APP Stocking standards cover BCTS FSP	in DKA and DHW			
1005418	N BCTS Kamloops and ICH vk 1 03	I SX(1.0) BL(1.0)	PW(2.0)	1200 700	600 2.0 Y	4	20 150%		2007-01-	01	RESULTS_ II	DIR\BOLS
	Clearwater FSP								00:00:		CONV	EN
									ditional Standards Note			
							(BL10) : BL-re	estricted to northerly aspects; (BL13)	; BL-restricted to upper e	elevations of bioged	oclimatic unit: (PW3	I) : PW-risk of

(BL10) ; BL-restricted to northerly aspects; (BL13) ; BL-restricted to upper elevations of biogeoclimatic unit; (PW31) ; PW-risk of white pine blister rust

BEC zone: ICHvk1c (cold air drainage). PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable wellspaced stems. MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Ministry of For				Page: Date Printed:		of 93
District:	Resource District null					FDP	& FSP Stocking Star	ndards Report				2018-07-31 08:4	16:32
Client Number	r: All										User ID:	idir_mtsoi	
Status Code:											Database:	DBP01	
BGC Zone:		BGC SubZone:									Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id										File:		
Comments:	I	District Default Ind:											
	MOF		Species	Stocking	ı (w/s)		Offse	ts	Max Density Post Spacing				
	Default d Ind <u>Name BEC La</u>	ver Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	Min Pref Ho	Min Regen orz Obl.	Erl No RG RG		Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Amen	dment: 0			Status: Ap	proved				
Org Unit:	Thompson Rivers Natural Resource	<u>District</u>											
Client:	TIMBER SALES MANAGER KAMLO	OPS,											
								years.					
								Reg	ime Status: APP Geographic: Stocking stan	dards cover BCTS FSP	in DKA and DHW		
1005419	N BCTS Kamloops and ICH vk 1 04	I SX(1.0) BL(1.0)	PW(2.0)	1200 700	600	2.0 Y	4	20 150%			-01-01		
	Clearwater FSP									00:	00:	RESULTS_ CONV	IDIR\BOLS EN
								(0) (0) 0	Ad	ditional Standards No	tes		
								BEC zone: spaced ste	-restricted to upper elevations of bioge ICHvk1c (cold air drainage). PW rust r ms. MITD may be reduced to 1.5m if th unless site plan identifies natural reger	esistant stock may be p ne site plan has identifie	preferred to a max of ed site specific criteri	50% of preferred ar a as listed in the FSI	
								Regime St Geographi	atus: APP c: Stocking standards cover BCTS FSF	in DKA and DHW			
1005420	N BCTS Kamloops and ICH vk 1 05	I SX(.8) BL(.8)	PW(1.4)	1000 500	400	2.0 Y	4	20 150%		2007-0	1-01	RESULTS_I	DIR\BOLS
	Clearwater FSP									00:0	0:	CONV	EN
								preferred; BEC zone; spaced ste be 4 years Regime St	elevated microsites are preferred; (BL [PW31) ; PW-risk of white pine blister rr ICHvk1c (cold air drainage). PW rust rr ms. MITD may be reduced to 1.5m if th unless site plan identifies natural reger	ust esistant stock may be p ne site plan has identifie neration when it can be	ites are preferred; (F preferred to a max of ed site specific criteri	50% of preferred ar a as listed in the FSI	d acceptable well-

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Mini	stry of Fore	sts					Page:	56	of 93
District:	Resource District null						F	DP & FSP Sto	ocking Stan	dards Report					Date Printed:	2018-07-31 08:4	6:32
Client Num	ber: All														User ID:	idir_mtsoi	
Status Cod	e:														Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments	: Dis	trict Default Ind:															
	MOF	S	pecies	S	stocking (w/	s)			Offsets	3			ensity Post cing				
ID	Default Std Ind <u>Name BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stck		Min Pref H	Min Regen Horz Obl.	RG	Erl No RG	Lt No Erl RG FG F	Lt Ht Rel to FG Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		ļ	Amendment	: 0				:	Status: App	proved					
Org Unit:	Thompson Rivers Natural Resource District																
Client:	TIMBER SALES MANAGER KAMLOOPS,																
1005421	N BCTS Kamloops and ICH vk 1 06 Clearwater FSP	I SX(.8) BL(.8)	PW(1.4)	1000	500	400	2.0	′ 4	Ļ		20 150%			2007-01 00:00		RESULTS_ CONV	IDIR\BOLS EN
													Ac	Iditional Standards Not	es		
											Regime Sta Geographic	atus: APP c: Stocking standard	ds cover BCTS FSI	P in DKA and DHW			
1005422	N BCTS Kamloops and ICH wk 1 01	I CW(1.0)	BL(1.0) PW(2.0)	1200	700	600	2.0 Y	′ 4	Ļ		20 150%			2007-	01-01		
	Clearwater FSP	FDI(1.4) HW(1.0) SX(1.0)												00:0	0:	RESULTS_ CONV	IDIR\BOLS EN
		GX(1.0)												Iditional Standards Not			
											to northerly PW rust res 1.5m if the	aspects; (BL13); E sistant stock may be site plan has identif eneration when it ca	BL-restricted to upp preferred to a ma ied site specific cri	14) ; FDI-restricted to low ber elevations of biogeocl x of 50% of preferred an teria as listed in the FSP ax. of 7 years.	imatic unit; (PW31) d acceptable well-sp	; PW-risk of white pi paced stems. MITD r	ne blister rust nay be reduced to
												c: Stocking standard	ds cover BCTS FSI	P in DKA and DHW			
1005423	N BCTS Kamloops and ICH wk 1 02	I FDI(1.0) PLI(1.4)	PW(1.4) SX(.8)	1000	500	400	2.0 Y	′ 4	Ļ		20 150%			2007-01		RESULTS_IC	
	Clearwater FSP	CW(.8)	HW(.8) BL(.8)											00:00		CONV	EN
											(PLI51) ; P	LI-restricted to area	s with proven PI pe	Iditional Standards Not erformance; (CW10); CW	/-restricted to northe	erly aspects; (CW13)	; CW-restricted to
											upper eleva	ations of biogeoclim K-restricted to upper	atic unit; (PW31);	PW-risk of white pine blis	ster rust; (SX10) ; S	X-restricted to northe	erly aspects;

(SX13); SX-restricted to upper elevations of biogeoclimatic unit PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable well-spaced stems. MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null							FDP a	Ministry & FSP Stocki	of Forest								Page: Date Printed:	57 2018-07-31 08	of 93 46:32
Client Number	r: All																	User ID:	idir_mtsoi	
Status Code:																		Database:	DBP01	
BGC Zone:		BGC SubZone:																Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																	File:		
Comments:	Dist	rict Default Ind:																		
	MOF		Species	:	Stocking	(w/s)				Offsets					ax Density P Spacing	ost				
	Default td Ind <u>BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stc	Min k	Min Pref	Min Re Horz Obl.		RG	Erl No RG	Lt No Erl RG FG FG	Lt Ht I	Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: Client:	FSP Name: Kamloops TSA Forest Development Plan <u>Thompson Rivers Natural Resource Dist</u> TIMBER SALES MANAGER KAMLOOP				Amend	lment: ()				St	tatus:	Approv atural regenerat		n it can be se	it up to a ma	ix. of 7 years.			
													egime Status: A eographic: Stoo		ndards cover	BCTS FSP	in DKA and DHW			
1005424	N BCTS Kamloops and ICH wk 1 03 Clearwater FSP	l FDI(1.4) CW(1.0)	HW(1.0) PW(2.0) SX(1.0)	1200	700	600	2.0	Y	4				150%	3			2007	-01-01 00:	RESULTS_ CONV	IDIR\BOLS EN
												re bli P\ 1.	stricted to north ister rust; (SX1) W rust resistant	nerly asp 0) ; SX-re t stock m lan has id	ects; (HW13) estricted to n ay be preferr dentified site	pects; (CW); HW-restri ortherly asp red to a may specific crite	13) ; CW-restricted to u cted to upper elevatior ects; (SX13) ; SX-restr c of 50% of preferred an eria as listed in the FSF	upper elevations of l is of biogeoclimatic icted to upper eleva nd acceptable well-s	unit; (PW31) ; PW-r ations of biogeoclima spaced stems. MITD	sk of white pine tic unit may be reduced to
													egime Status: A eographic: Stoc		ndards cover	BCTS FSP	in DKA and DHW			
1005425	N BCTS Kamloops and ICH wk 1 04 Clearwater FSP	l FDI(1.4) CW(1.0) SX(1.0)	PW(2.0) BL(1.0) PLI(2.0)	1200	700	600	2.0	Y	4			20	150%				2007-01- 00:		RESULTS_ CONV	IDIR\BOLS EN
		HW(1.0)										to P\	northerly aspe W rust resistant	cts; (SX1 t stock m	13) ; SX-restr ay be preferr	ects; (FDI1 icted to upp red to a max	ditional Standards No 4); FDI-restricted to low er elevations of biogeo c of 50% of preferred a	wer elevations of bio climatic unit; (PW3 nd acceptable well-s	1); PW-risk of white spaced stems. MITD	pine blister rust may be reduced to

PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable well-spaced stems. MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural Resource District null		FDP &	Ministry of Forests FSP Stocking Standards Report		Page: Date Printed	58 of 93
Client Number			121 4			User ID:	idir mtsoi
	1. All						_
Status Code:						Database:	DBP01
BGC Zone:	BC	GC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	District	Default Ind:					
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing		
	Default d Ind <u>BEC Layer</u> F	Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	EriNo LtNo Eri LtHtReito RG RG RG FG FG Comp	Max Conf Min Max	Resid Effective Expiry BA Date Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66	Amendment: 0	Status: App	roved		
Org Unit:	·						
Client:	TIMBER SALES MANAGER KAMLOOPS,						
				Regime Statı Geographic:	us: APP Stocking standards cover BCTS FSF	P in DKA and DHW	
1005426	N BCTS Kamloops and ICH wk 1 05	I CW(1.0) SX(1.0) FDI(1.4) PW(2.0)	1200 700 600 2.0 Y	4 20 150%	-	2007-01-01	RESULTS IDIR\BOLS
	Clearwater FSP	BL(1.0) HW(1.0)				00:00:	CONV EN
				preferred; (F PW-risk of w PW rust resis 1.5m if the si natural reger Regime Stat	/-limited by growing-season frosts; (F D114) ; FDI-restricted to lower elevati hite pine blister rust stant stock may be preferred to a ma: te plan has identified site specific crit reration when it can be set up to a ma	ions of biogeoclimatic unit; (FDI32) ; FDI- x of 50% of preferred and acceptable we teria as listed in the FSP. Regen delay w ax. of 7 years.	rosts; (FDI1) ; FDI-elevated microsites are -limited by growing-season frosts; (PW31) ; II-spaced stems. MITD may be reduced to ill be 4 years unless site plan identifies
1005427	N BCTS Kamloops and ICH wk 1 06	I CW(.8) SX(.8) PW(1.4)	1000 500 400 2.0 Y	4 20 150%		2007-01-01	RESULTS_ IDIR\BOLS
	Clearwater FSP	BL(.8) HW(.8)				00:00:	CONV EN
				preferred; (B growing-seat PW rust resit 1.5m if the si	elevated microsites are preferred; (C L1) ; BL-elevated microsites are pref son frosts; (PW1) ; PW-elevated mic stant stock may be preferred to a ma te plan has identified site specific crit teration when it can be set up to a ma	erred; (HW1); HW-elevated microsites a crosites are preferred; (PW31); PW-risk of x of 50% of preferred and acceptable we teria as listed in the FSP. Regen delay w ax. of 7 years.	of white pine blister rust ill-spaced stems. MITD may be reduced to

Geographic: Stocking standards cover BCTS FSP in DKA and DHW

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Minist	try of Fores	ts				Page:	59 of	f 93
District:	Resource District null						FDP 8	FSP Stoc	king Stand	ards Report				Date Printed:	2018-07-31 08:46	:32
Client Numbe	er: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Distric	ct Default Ind:														
	MOF	Specie	es	Sto	ocking (w/s)				Offsets			Max Density Post Spacing				
	Default td Ind	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min M Pr		n Regen bl.	RG	Erl No RG	Lt No Erl Lt Ht Rel RG FG FG Co		Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		An	nendment:	0				Status:	Approved					
Org Unit: The	ompson Rivers Natural Resource District															
Client:	TIMBER SALES MANAGER KAMLOOPS,															
1005428	N BCTS Kamloops and ICH wk 1 07 Clearwater FSP	I CW(.8) HW(.8) SX(.8)	BL(.8)	1000	500 40	00 2.0) Y	4		20 150	50%		2007-0 ⁻ 00:00		RESULTS_ CONV	IDIR\BOLS EN
	FSF											A	dditional Standards Not	es	CONV	
										prefer micros MITD	erred; (HW32) ; osites are prefe D may be reduc	ed microsites are preferred; (0 HW-limited by growing-sease	CW32) ; CW-limited by gr on frosts; (SX1) ; SX-elev s identified site specific c	owing-season frosts; ated microsites are p riteria as listed in the	oreferred; (BL1) ; BL-	elevated
										Regim	me Status: API	6				
1005429	N BCTS Kamloops and MS dm 2 01		BL(.8)	1200	700 60	00 2.0) Y	4		20 12		-	2007-07		RESULTS_ IDI	
	Clearwater FSP	FDI(.8)										Δ.	00:00 dditional Standards Not		CONV	EN
										by gro MITD	rowing-season D may be reduc	ted to southerly aspects; (FDI frosts; (BL10) ; BL-restricted ced to 1.5m if the site plan har ntifies natural regeneration wi	14) ; FDI-restricted to low to northerly aspects; (BL s identified site specific c	ver elevations of biog 13) ; BL-restricted to riteria as listed in the	upper elevations of b	iogeoclimatic unit
											me Status: API graphic: Stockir	P ng standards cover BCTS FS	P in DKA and DHW			
1005430	N BCTS Kamloops and MS dm 2 03	I FDI(.6) PLI(1.0)	BL(.6) SX(.6)	1000	500 40	00 2.0) Y	4		20 125	25%		2007-01		RESULTS_IDI	
	Clearwater FSP												00:00		CONV	EN
												ed to southerly aspects; (FDI		er elevations of biog		
										to nor	nmerly aspects	s; (BL13) ; BL-restricted to upp	per elevations of biogeoc	imauc unit; (SX10) ;	SV-lestlicted to notth	ieny aspects;

to northerly aspects; (BL13); BL-restricted to upper elevations of biogeoclimatic unit; (SX10); SX-restricted to northerly aspects; (SX13); SX-restricted to upper elevations of biogeoclimatic unit

Region: District:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of Fore						Page: Date Printed:		of 93
	Resource District null						FDP & FSP	Stocking Stan	dards Report						2018-07-31 08:	46:32
Client Number:	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	E	District Default Ind:														
	MOF		Species	Stock	ting (w/s)			Offset	S		Max Density Spacing					
	Default d Ind <u>Name BEC Lay</u>	ver Pref SPP/Ht	Acc Spp/Ht	I Targ Stck	Min Min Pref	Min Reg Horz Obl.		Erl No RG RG		Lt Ht Rel to Comp	Max Conf Mir	n Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource D	FSP ID: 66		Amo	endment:	0			Sta	itus: Approv	ed					
Client:	TIMBER SALES MANAGER KAMLOO	OPS,														
										Regen delay will Regime Status: A	be 4 years unless	site plan identi	identified site specific c ifies natural regeneratio			ears.
										Geographic: Stoc	king standards co	ver BCTS FSP	in DKA and DHW			
1005431	N BCTS Kamloops and MS dm 2 04 Clearwater FSP	l PLI(1.4) FDI(.8) SX(.8)	BL(.8)	1200 70	600	2.0	Y	4		20 125%			2007-0 00:0		RESULTS_I CONV	DIR\BOLS EN
	Clearwater FSF	57(.6)										٨ط	ditional Standards No		CONV	EN
										by growing-sease unit; (BL10) ; BL- reduced to 1.5m identifies natural	on frosts; (SX10); restricted to north if the site plan has regeneration wher	aspects; (FDI1 SX-restricted t erly aspects; (I identified site	4) ; FDI-restricted to low o northerly aspects; (S) BL13) ; BL-restricted to specific criteria as listed up to a max. of 7 years.	ver elevations of bio (13) ; SX-restricted to upper elevations of	to upper elevations biogeoclimatic unit	of biogeoclimatic MITD may be
										Regime Status: A Geographic: Stoo		ver BCTS FSP	in DKA and DHW			
1005432	N BCTS Kamloops and MS dm 2 05	I PLI(1.4) SX(.8)	BL(.8) CW(.8)	1200 70	600	2.0	Υ	4		20 125%			2007-0		RESULTS_	
	Clearwater FSP	FDI(.8)											00:0		CONV	EN
										by growing-seaso MITD may be rec unless site plan io Regime Status: A	on frosts; (CW32) ; luced to 1.5m if the dentifies natural re	aspects; (FDI1; ; CW-limited by e site plan has generation who	ditional Standards No 4); FDI-restricted to low y growing-season frosts identified site specific c en it can be set up to a P in DKA and DHW	ver elevations of bio		,.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page:	61 of 93
District:	Resource District null			FDP & FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32
Client Numb	per: All					User ID:	idir_mtsoi
Status Code	ə:					Database:	DBP01
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	Di	strict Default Ind:					
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post - Spacing		
<u>ال</u>	Default Std Ind <u>Name BEC Laye</u>	er Pref SPP/Ht Acc Spp/Ht	Min Min Min Reg Targ Stck Pref Horz Obl.	gen Erl No Lt No Erl Lt RG RG RG FG FG	Ht Rel to Max Resid Effective Comp Conf Min Max BA Date	Expiry Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest	FSP ID: 66	Amendment: 0	Status	: Approved		
Org Unit: <u>⊤</u>	Development Plan hompson Rivers Natural Resource District						
Client:	TIMBER SALES MANAGER KAMLOOPS,						
1005433	N BCTS Kamloops and MS dm 2 06 Clearwater FSP	I PLI(1.4) SX(.8) FDI(.8) BL(.8)	1200 700 600 2.0	Y 4 20	00:	.01-01 :00:	RESULTS_ IDIR\BOLS EN CONV
					Additional Standards N (FDI9); FDI-restricted to southerly aspects; (FDI14); FDI-restricted to to by growing-season frosts MITD may be reduced to 1.5m if the site plan has identified site specific unless site plan identifies natural regeneration when it can be set up to a	ower elevations of bio	
					Regime Status: APP Geographic: Stocking standards cover BCTS FSP in DKA and DHW		
1005434	N BCTS Kamloops and MS dm 2 07 Clearwater FSP	I PLI(1.0) SX(.8) BL(.8)	1000 500 400 2.0	Y 4 20		-01-01 :00:	RESULTS_ IDIR\BOLS CONV EN
					Additional Standards N MITD may be reduced to 1.5m if the site plan has identified site specific unless site plan identifies natural regeneration when it can be set up to	criteria as listed in the	e FSP. Regen delay will be 4 years
					Regime Status: APP Geographic: Stocking standards cover BCTS FSP in DKA and DHW		
1005435	N BCTS Kamloops and MS xk 01 Clearwater FSP	I PLI(1.4) FDI(.8) BL(.8) SX(.8)	1200 700 600 2.0	Y 4 20		-01-01 :00:	RESULTS_IDIR\BOLS CONV EN
					Additional Standards N (FDI9); FDI-restricted to southerly aspects; (FDI14); FDI-restricted to k by growing-season frosts; (SX10); SX-restricted to northerly aspects; (5	ower elevations of biog	

by growing-season frosts; (SX10); SX-restricted to northerly aspects; (SX13); SX-restricted to upper elevations of biogeoclimatic unit; (BL10); BL- restricted to northerly aspects; (BL13); BL-restricted to upper elevations of biogeoclimatic unit MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural					Ministry of Forests			Page:	62 of 93
District:	Resource District null				FDP	& FSP Stocking Standards	Report		Date Printed:	2018-07-31 08:46:32
Client Number	: All								User ID:	idir_mtsoi
Status Code:									Database:	DBP01
BGC Zone:		BGC SubZone:							Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id								File:	
Comments:	Dist	rict Default Ind:								
	MOF	Sp	ecies	Stocking	(w/s)	Offsets		Max Density Post Spacing		
	Default d Ind <u>Name BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	Min Min Regen Pref Horz Obl.		No Erl Lt Ht Rel to RG FG FG Comp	Max Ro Conf Min Max	esid Effective Expiry BA Date Date	Submitted Approved By By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Dist	FSP ID: 66		Ameno	dment: 0		Status: Appro	oved		
	· ·									
Client:	TIMBER SALES MANAGER KAMLOOP	S,								
							Regime Status Geographic: St	: APP tocking standards cover BCTS FSP in DK	A and DHW	
1005436	N BCTS Kamloops and MS xk 02 Clearwater FSP	I PLI(1.0) FDI(.6)	BL(.6)	1000 500	400 2.0 Y	4	20 125%		2007-01-01 00:00:	RESULTS_ IDIR\BOLS CONV EN
							to northerly as MITD may be r unless site plan	stricted to southerly aspects; (FDI14); FE pects; (BL13); BL-restricted to upper elev reduced to 1.5m if the site plan has identif n identifies natural regeneration when it c	vations of biogeoclimatic unit ied site specific criteria as listed in th	
							Regime Status Geographic: St	: APP tocking standards cover BCTS FSP in DK	A and DHW	
1005437	N BCTS Kamloops and MS xk 05 Clearwater FSP	I PLI(1.0) FDI(.6)	BL(.6) SX(.6)	1000 500	400 2.0 Y	4	20 125%		2007-01-01 00:00:	RESULTS_IDIR\BOLS CONV EN
							to northerly asp (SX13) ; SX-re MITD may be r	stricted to southerly aspects; (FDI14); FC pects; (BL13); BL-restricted to upper elev stricted to upper elevations of biogeoclim reduced to 1.5m if the site plan has identif n identifies natural regeneration when it c	al Standards Notes Di-restricted to lower elevations of bio rations of biogeoclimatic unit; (SX10) atic unit ied site specific criteria as listed in th	bgeoclimatic unit; (BL10) ; BL-restricted ; SX-restricted to northerly aspects;
								tocking standards cover BCTS FSP in DK	A and DHW	
1005438	N BCTS Kamloops and MS xk 06 Clearwater FSP	l PLI(1.4) FDI(.8) SX(.8)	BL(.8)	1200 700	600 2.0 Y	4	20 125%		2007-01-01 00:00:	RESULTS_IDIR\BOLS CONV EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of For	ests						Page:	63	of 93
District:	Resource District null						FDP & FS	P Stocking Sta	ndards Report						Date Printed:	2018-07-31 08:4	46:32
Client Number	r: All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:		District Default Ind:															
	MOF		Species	Stocki	ng (w/s)			Offse	ts			Density Po	ost				
	Default d Ind <u>Name BEC L</u>	ayer Pref SPP/Ht	Acc Spp/Ht	M Targ Stck	lin Min Pref	Min Reg Horz Obl.	gen	Erl No RG RG		Lt Ht Rel to G Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Ame	ndment:	0			S	itatus: App	roved						
Org Unit:	•	District															
Client:	TIMBER SALES MANAGER KAMLO	OOPS															
		,															
														litional Standards No			
										by growing-sound unit; (BL10) ;	eason frosts; (S BL- restricted	SX10); SX-r to northerly	restricted to aspects; (E	 FDI-restricted to lov o northerly aspects; (S) 8L13); BL-restricted to specific criteria as listed 	(13) ; SX-restricted upper elevations of	to upper elevations of biogeoclimatic unit N	of biogeoclimatic MITD may be
														p to a max. of 7 years.			
										Regime Statu Geographic:		ards cover E	BCTS FSP	in DKA and DHW			
1005439	N BCTS Kamloops and MS xk 07 Clearwater FSP	I PLI(1.4) FDI(.8)	BL(.8)	1200 70	0 600	2.0	Y	4		20 125%				2007- 00:0	01-01	RESULTS_	IDIR\BOLS
	Clearwater FSP	SX(.8)											٨،١،	litional Standards No		CONV	EN
										elevations of BL-restricted MITD may be	biogeoclimatic to upper eleva e reduced to 1.5	unit; (FDI32 tions of biog 5m if the site	eferred; (FD 2) ; FDI-limi geoclimatic e plan has i	I9) ; FDI-restricted to s ted by growing-season	outherly aspects; (F frosts; (BL10) ; BL- riteria as listed in th	restricted to northerl	y aspects; (BL13) ;
										Regime Statu Geographic:		ards cover E	BCTS FSP	in DKA and DHW			
1005440	N BCTS Kamloops and MS xk 08	I PLI(1.4) SX(.8)	BL(.8)	1200 70	0 600	2.0	Y	4		20 125%				2007-0		RESULTS_I	
	Clearwater FSP	FDI(.8)												00:00	D:	CONV	EN
														litional Standards No			

by growing-season frosts MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Minis	try of Fores	ts				Page:	64	of 93
District:	Resource District null					FD	P & FSP Sto	cking Stand	ards Report				Date Printed:	2018-07-31 08:	46:32
Client Numbe	er: All												User ID:	idir_mtsoi	
Status Code:													Database:	DBP01	
BGC Zone:		BGC SubZone:											Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id												File:		
Comments:		District Default Ind:													
	MOF	S	pecies	Stockin	g (w/s)			Offsets		Max	Density Post pacing				
	Default d Ind <u>Name BEC La</u>	iver Pref SPP/Ht	Acc Spp/Ht	Miı Targ Stck		Min Regen Horz Obl.	RG	Erl No RG	Lt No Erl Lt Ht Rel to RG FG FG Comp	Max	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: Client:	FSP Name: Kamloops TSA Forest Development Plan <u>Thompson Rivers Natural Resource</u> TIMBER SALES MANAGER KAMLO			Amen	dment:	0			Status: A	pproved					
									can be se	et up to a max. of 7	years.				
									Re	gime Status: APP	ranhia: Stacking stan	dards cover BCTS FSP	in DKA and DHW/		
1005441	N BCTS Kamloops and MS xk 09 Clearwater FSP	I PLI(1.0) SX(.6)	BL(.6)	1000 500	400	2.0 Y	4		20 125%	0000	raphic. Stocking stan		01-01	RESULTS_ CONV	IDIR\BOLS EN
											Ad	ditional Standards No	tes		
									preferred MITD may unless sit Regime S	y be reduced to 1.8 e plan identifies na Status: APP	om if the site plan has	SX1); SX-elevated mi identified site specific c en it can be set up to a p in DKA and DHW	riteria as listed in the		
1005442	N BCTS Kamloops and PP xh 2 01	I PY(.6) FDI(.6)		400 200	200	2.0 Y	4		20 125%			2007-0	1-01	RESULTS_I	DIR\BOLS
	Clearwater FSP											00:00	D:	CONV	EN
									establishr MITD may unless sit Regime S	ment y be reduced to 1. e plan identifies na Status: APP	cover required for succ orn if the site plan has tural regeneration wh	ditional Standards No cessful establishment; (identified site specific c en it can be set up to a	FDI27) ; FDI-partial riteria as listed in th		
									Geograph	nic: Stocking stand	ards cover BCTS FSF	' IN DKA and DHW			
1005443	N BCTS Kamloops and PP xh 2 02	I PY(.6) FDI(.6)		400 200	200	2.0 Y	4		20 125%			2007-0		RESULTS_I	
	Clearwater FSP											00:00	D:	CONV	EN
									(PY27) · I	PY-nartial canopy	Ad	ditional Standards No cessful establishment; (tes FDI27) · FDI-nartial	canopy cover requir	ed for successful
											Over required for such	cessiul establishment; (FDI27); FDI-partial	canopy cover requir	ed for successful

establishment; (ALL520) ; ALL SPECIES - site

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry	of Forest	ŝ					Page:	65	of 93
District:	Resource District null						FDP &	FSP Stockir	ng Standa	ards Report					Date Printed:	2018-07-31 08:	46:32
Client Numbe	er: All														User ID:	idir_mtsoi	
Status Code:															Database:	DBP01	
BGC Zone:		BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id														File:		
Comments:		District Default Ind:															
	MOF		Species	Stocking	(w/s)				Offsets				Density Post Dencing				
	Default td Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	Min Pref	Min Ro Horz Obl.		E RG	rl No RG	Lt No Erl Lt H RG FG FG	t Rel to Comp	Max Conf	Min Ma	Resid Effective x BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Fore Development Plan			Amend	ment:	0				Status	: Approv	red					
Org Unit:	Thompson Rivers Natural Reso	urce District															
Client:	TIMBER SALES MANAGER KA	MLOOPS,															
L										1	series not recom MITD may be rec unless site plan i	duced to 1.5	m if the site plan h	as identified site specific when it can be set up to a	criteria as listed in th n max. of 7 years.	e FSP. Regen delay	will be 4 years
											Regime Status: / Geographic: Sto		rds cover BCTS F	SP in DKA and DHW			
1005444	N BCTS Kamloops and PP xh 2 03 Clearwater FSP	I PY(.6) FDI(.6)		400 200	200	2.0	Y	4		20	125%				7-01-01 :00:	RESULTS_ CONV	IDIR\BOLS EN
										-				Additional Standards N			
										e 1	establishment VITD may be rea	duced to 1.5	m if the site plan h	uccessful establishment; as identified site specific when it can be set up to a	criteria as listed in th		
											Regime Status: / Geographic: Sto		rds cover BCTS F	SP in DKA and DHW			
1005445	N BCTS Kamloops and PP xh 2 04 Clearwater FSP	I PY(.6) FDI(.6)		400 200	200	2.0	Y	4		20	125%			2007- 00:		RESULTS_I CONV	IDIR\BOLS EN
										-				Additional Standards N	otes		
											Regime Status: / Geographic: Sto		rds cover BCTS F	SP in DKA and DHW			
1005446	N BCTS Kamloops and PP xh 2 06 Clearwater FSP	I FDI(.6) PY(.6)		600 400	400	2.0	Y	4		20	125%			2007- 00:		RESULTS_ I CONV	IDIR\BOLS EN
										1	MITD may be rea	duced to 1.5	cover required for	Additional Standards N successful establishment as identified site specific when it		e FSP. Regen delay	will be 4 years

neration when it

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Ministry of Fores	ts				Page:	66	of 93
District:	Resource District null					FDP 8	FSP Stocking Stand	ards Report				Date Printed:	2018-07-31 08:4	6:32
Client Number	r: All											User ID:	idir_mtsoi	
Status Code:												Database:	DBP01	
BGC Zone:		BGC SubZone:										Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id											File:		
Comments:	Di	strict Default Ind:												
	MOF Default	Sp	oecies	Stocking	(w/s)		Offsets			Density Post pacing				
	d Ind	er Pref SPP/Ht	Acc Spp/Ht	Min Targ Stck	Min Pref Ho	Min Regen rz Obl.	Erl No RG RG	Lt No Erl Lt Ht Rel to RG FG FG Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Amene	dment: 0			Status: Ap	proved					
Org Unit:	•	strict												
Client:	TIMBER SALES MANAGER KAMLOO	PS,												
								can be set	up to a max. of 7	years.				
								Regime Sta Geographi		ards cover BCTS FSP	in DKA and DHW			
1005447	N BCTS Kamloops and PP xh 2 07 Clearwater FSP	I PLI(.6) SX(.6)	PY(.6)	1000 500	400	2.0 Y	4	20 125%			2007 00:	-01-01	RESULTS_ CONV	IDIR\BOLS EN
	Clearwater FSP	FDI(.6)								Ada	00: Iitional Standards No		CONV	EN
								(FDI1) ; FD MITD may	I-elevated micros be reduced to 1.5	ites are preferred; (PL sites are preferred; (PY 5m if the site plan has i atural regeneration whe	 23); PLI-restricted to 1 (1); PY- elevated micr dentified site specific of 	trial use; (SX1) ; SX- osites are preferred criteria as listed in the		
								Regime Sta Geographi		ards cover BCTS FSP	in DKA and DHW			
1005448	N BCTS Kamloops and SBS dh 1 01 Clearwater FSP	l FDI(1.4) PLI(2.0) SX(1.0)	BL(1.0)	1200 700	600	2.0 Y	4	20 150%			2007-0 00:0		RESULTS_ IE CONV	DIR\BOLS EN
								MITD may	be reduced to 1.5	Add owsing by moose 5m if the site plan has i atural regeneration whe		criteria as listed in the	e FSP. Regen delay	will be 4 years
								Regime St Geographi		ards cover BCTS FSP	in DKA and DHW	-		
1005449	N BCTS Kamloops and SBS dh 1 02 Clearwater FSP	l PLI(1.4)	SX(.8)	1000 500	400	2.0 Y	4	20 150%			2007-0 00:0		RESULTS_ IE CONV	DIR\BOLS EN
										Add site series not recomm				

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Minist	ry of Fores	5							Page:	67	of 93
District:	Resource District null						FDP 8	& FSP Stoc	king Stand	rds Report							Date Printed:	2018-07-31 08:	:46:32
Client Number:	All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:	1	3GC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:	Distric	t Default Ind:																	
	MOF	S	pecies	Stoc	king (w/s)				Offsets					x Density P	ost				
De Std I	efault Ind				Min M	in Mi	n Regen		Erl No	Lt No Erl	Lt Ht R	Lel to	Max	Spacing		Resid Effective	Expiry	Submitted	Approved
ID	Name <u>BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Pr	ef Horz (Obl.	RG	RG	RG FG FC	<u> </u>	Comp	Conf	Min	Max	BA Date	Date	By	Ву
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Ame	endment:	0				s	tatus:	Approved	Ł						
Org Unit: Thom	apson Rivers Natural Resource District																		
Client:	TIMBER SALES MANAGER KAMLOOPS,																		
1005450	N BCTS Kamloops and SBS dh 1 03 Clearwater FSP	l FDI(1.0) PLI(1.4)	PW(1.4)	1000 5	500 40	00 2.	.0 Y	4			Reg Geo	gime Status: A	APP	·		plan identifies natural reg P in DKA and DHW 2007-01-(an be set up to a m RESULTS_	
																00:00:		CONV	EN
											ALL PW 1.5r natu Reg	L SPECIES - s / rust resistant im if the site pl tural regenerat gime Status: /	site series t stock ma lan has id tion when APP	s not recomn ay be preferr lentified site n it can be se	rtion of biog nended for red to a ma: specific crit et up to a ma	ditional Standards Not geoclimatic unit in region logging x of 50% of preferred an- reria as listed in the FSP ax. of 7 years.	; (PW31) ; PW-risk o d acceptable well-sp	aced stems. MITD	may be reduced to
1005451	N BCTS Kamloops and SBS dh 1 04	I FDI(1.4) PLI(2.0)		1200 7	00 60	00 2	.0 Y	4			20	150%				2007-01		RESULTS_	
	Clearwater FSP	SX(1.0)														00:00		CONV	EN
											MIT unle Reg	less site plan i gime Status: A	duced to 1 identifies I APP	1.5m if the si natural reger	ite plan has neration wh	ditional Standards Not identified site specific cr en it can be set up to a r in DKA and DHW	iteria as listed in the	FSP. Regen delay	y will be 4 years
1005452	N BCTS Kamloops and SBS dh 1 05	l PLI(2.0)	SB(1.0) SX(1.0)	1200 7	700 60	00 2	.0 Y	4				150%	-			2007-01	-01	RESULTS_	IDIR\BOLS
	Clearwater FSP		/													00:00		CONV	EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of For	ests					Page:	68	of 93
District:	Resource District null						FDP 8	FSP Stocking Sta	ndards Report					Date Printed:	2018-07-31 08:4	6:32
Client Number	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Di	strict Default Ind:														
	MOF	Spec	ies	Sto	cking (w/s)			Offse	ts		м	lax Density Post Spacing				
	Default d Ind <u>Name BEC Laye</u>	er Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Mi Pre	in Min ef Horz Ol	Regen bl.	Erl No RG RG		Erl Lt Ht Rel 3 FG Co	to Max mp Conf		Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		An	nendmer	nt: 0				Status:	Approved					
Org Unit:		strict														
Client:	TIMBER SALES MANAGER KAMLOO	PS,														
												A -1-	ditional Standards No	400		
										MITD	may be reduced to	rowing-season frosts 1.5m if the site plan has its s natural regeneration whe	identified site specific c	riteria as listed in the	e FSP. Regen delay	will be 4 years
											ne Status: APP raphic: Stocking sta	andards cover BCTS FSP	in DKA and DHW			
1005453	N BCTS Kamloops and SBS dh 1 06 Clearwater FSP	l FDI(1.4) SX(1.0) PLI(2.0)	BL(1.0)	1200	700 60	00 2.0) Y	4		20 15	0%		2007- 00:0	-01-01 00:	RESULTS_ CONV	IDIR\BOLS EN
										MITD	may be reduced to	Add browsing by moose 0 1.5m if the site plan has it s natural regeneration whe		riteria as listed in the	e FSP. Regen delay	will be 4 years
											ne Status: APP raphic: Stocking sta	andards cover BCTS FSP	in DKA and DHW			
1005454	N BCTS Kamloops and SBS dh 1 07	I FDI(1.0) PLI(1.4)	BL(.8)	1000	500 40	00 2.0) Y	4		20 15	0%		2007-0		RESULTS_I	
	Clearwater FSP	SX(.8)											00:00		CONV	EN
										prefer ; SX-li (BL32 MITD unless Regin	red; (SX1); SX-ele imited by growing-s ;); BL-limited by gr may be reduced to s site plan identifies ne Status: APP	Add crosites are preferred; (FD evated microsites are prefe season frosts; (BL1); BL-6 owing-season frosts o 1.5m if the site plan has i s natural regeneration whe andards cover BCTS FSP	erred; (SX32) elevated microsites are identified site specific c en it can be set up to a	owing-season frosts preferred; (BL29) ; E riteria as listed in the	BL-risk of heavy brow	vsing by moose;

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural				Ministry of Forests			Page:	69 (of 93
District:	Resource District null			FD	P & FSP Stocking Standards Rep	ort		Date Printed:	2018-07-31 08:4	6:32
Client Numb	ber: All							User ID:	idir_mtsoi	
Status Code	e:							Database:	DBP01	
BGC Zone:		BGC SubZone:						Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id							File:		
Comments:	Dist	rict Default Ind:								
	MOF	Species	Stockir	ng (w/s)	Offsets		x Density Post Spacing			
<u>ID</u>	Default Std Ind <u>Name BEC Layer</u>	Pref SPP/HtAc	Mi c Spp/Ht Targ Stck	in Min Min Regen Pref Horz Obl.	Erl No Lt No RG RG RG	Erl Lt Ht Rel to Max FG FG Comp Conf	Resid Effective Min Max BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66	Amend	lment: 0		Status: Approved				
Org Unit: <u>T</u>	Thompson Rivers Natural Resource District									
Client:	TIMBER SALES MANAGER KAMLOOPS,									
1005455	N BCTS Kamloops and SBS dh 1 08 Clearwater FSP	I PLI(1.4) SB(.8) SX(.8)	400 200) 200 2.0 Y	4	20 150%		-01-01 :00:	RESULTS_ CONV	IDIR\BOLS EN
							Additional Standards	lotes		<u> </u>
						preferred; (SX32) ; SX-limi MITD may be reduced to 1	rosites are preferred; (SB1); SB-elevated n ted by growing-season frosts; (ALL520); AL .5m if the site plan has identified site specific natural regeneration when it can be set up to	L SPECIES - site serie criteria as listed in th	s not recommended	for logging
						Regime Status: APP Geographic: Stocking stan	dards cover BCTS FSP in DKA and DHW	·		
1005456	N BCTS Kamloops and SBS dw 1 01	I FDI(1.4) PLI(2.0) BL(1.4	0) 1200 700	0 600 2.0 Y	4	20 150%	2007	-01-01	RESULTS_ID	DIR\BOLS
	Clearwater FSP	SX(1.0)					00	:00:	CONV	EN
						MITD may be reduced to 1	Additional Standards N sture deficit; (BL28) ; BL-limited by moisture .5m if the site plan has identified site specific natural regeneration when it can be set up to	deficit; (BL53) ; BL-mi criteria as listed in th		will be 4 years
						Regime Status: APP Geographic: Stocking stan	dards cover BCTS FSP in DKA and DHW			
1005457	N BCTS Kamloops and SBS dw 1 02	I FDI(1.0) PLI(1.4)	1000 500	400 2.0 Y	4	20 150%		-01-01	RESULTS_ID	
	Clearwater FSP							:00:	CONV	EN
							Additional Standards N	lotes		

Additional Standards Notes (FDI28) ; FDI-limited by moisture deficit; (ALL520) ; ALL SPECIES - site series not recommended for logging MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry of	Forests					Page:	70	of 93
District:	Resource District null						FDP 8	FSP Stocking	Standards	s Report				Date Printed:	2018-07-31 08:4	16:32
Client Numbe	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Di	strict Default Ind:														
	MOF	Specie	s	Stoc	king (w/s)			0	offsets		Max I St	Density Post pacing				
	Default d Ind <u>Name BEC Lay</u> u	er Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Mir Pret	Min R Horz Obl	Regen I.	Erl RG	No L RG	t No Erl Lt Ht Rel to RG FG FG Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Di	FSP ID: 66		Am	endment	: 0				Status: App	roved					
Client:	TIMBER SALES MANAGER KAMLOO	PS,														
										Regime Stat Geographic:		ards cover BCTS FSF	in DKA and DHW			
1005458	N BCTS Kamloops and SBS dw 1 03 Clearwater FSP	I FDI(1.4) PLI(2.0)		1200 7	00 600	2.0	Y	4		20 150%			2007-01 00:00		RESULTS_ CONV	IDIR\BOLS EN
										MITD may be unless site p Regime State	e reduced to 1.5 lan identifies nat us: APP	cover required for su	ditional Standards Not ccessful establishment identified site specific cr en it can be set up to a r	riteria as listed in the	FSP. Regen delay	will be 4 years
1005459	N BCTS Kamloops and SBS dw 1 04	l FDI(1.4) PLI(2.0)		1200 7	00 600	2.0	Y	4		20 150%	Stocking standa	ards cover BC15 FSF	2007-01		RESULTS_ I	
	Clearwater FSP	SX(1.0)								MITD may be unless site p Regime State	e reduced to 1.5 lan identifies nat us: APP	ving-season frosts; (S im if the site plan has	00:00 ditional Standards Not X28) ; SX-limited by mo identified site specific cu en it can be set up to a r ' in DKA and DHW	es isture deficit riteria as listed in the	CONV	EN will be 4 years
1005460	N BCTS Kamloops and SBS dw 1 05 Clearwater FSP	l FDI(1.4) PLI(2.0) SX(1.0)		1200 7	00 600	2.0	Y	4		unless site p Regime Stat	lan identifies nat us: APP	im if the site plan has	2007-01 00:00 ditional Standards Not identified site specific of en it can be set up to a r): es riteria as listed in the	RESULTS_I CONV FSP. Regen delay	EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Ministr	y of Forest	s					Page:	71 of 9	3
District:	Resource District null					FDP	& FSP Stock	king Standa	ards Report					Date Printed:	2018-07-31 08:46:32	2
Client Number	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Distri	ict Default Ind:														
	MOF	Species		Stocking	g (w/s)			Offsets		_	Max Dens Spacii					
	Default d Ind Name BEC Laver	Pref SPP/Ht	Acc Spp/Ht Tar	Mir g Stck		Min Regen Horz Obl.	RG	Erl No RG	Lt No Erl Lt RG FG FG	Ht Rel to	Max	lin Max	- Resid Effective BA Date	Expiry Date	Submitted	Approved
FSP:				-		1012 001.		NO					DA Date	Date	<u> </u>	
	FSP Name: Kamloops TSA Forest Development Plan ompson Rivers Natural Resource District	FSP ID: 66		Amendr	nent: 0				Status	: Approv	/ed					
Client:	TIMBER SALES MANAGER KAMLOOPS,															
1005461	N BCTS Kamloops and SBS dw 1 06 Clearwater FSP	I FDI(1.4) PLI(2.0) BL SX(1.0)	.(1.0)	1200 700	600	2.0 Y	4		20	150%			2007-01 00:00		RESULTS_ CONV	IDIR\BOLS EN
		0.1(110)										A	dditional Standards Not	es		
										Regime Statu						
												cover BCTS FS	P in DKA and DHW			
1005462	N BCTS Kamloops and SBS dw 1 07 Clearwater FSP	I FDI(1.4) PLI(2.0) BL SX(1.0)	.(1.0)	1200 700	600	2.0 Y	4		2	0 150%			2007-01 00:00		RESULTS_IDIR\I	BOLS CONV EN
										MITD may be	reduced to 1.5m if	are preferred; (F the site plan has	dditional Standards Not DI32) ; FDI-limited by gro s identified site specific co hen it can be set up to a r	owing-season frosts iteria as listed in the		be 4 years
										Regime Status Geographic: S		cover BCTS FS	P in DKA and DHW			
1005463	N BCTS Kamloops and SBS dw 1 08 Clearwater FSP	I FDI(1.4) SX(1.0) BL	.(1.0) PLI(2.0)	1200 700	600	2.0 Y	4		2	0 150%			2007-01 00:00		RESULTS_ IDIR\{ CONV	BOLS EN
	Clearwater FSP									season frosts MITD may be unless site pla Regime Status	reduced to 1.5m if n identifies natural s: APP	are preferred; (F the site plan has regeneration wi	dditional Standards Not DI32) ; FDI-limited by gro s identified site specific cr hen it can be set up to a r P in DKA and DHW	es owing-season frosts; iteria as listed in the	(BL32) ; BL-limited by g	rowing-
1005464	N BCTS Kamloops and SBS dw 1 09 Clearwater FSP	I SX(.8) PLI(1.4) BL	.(.8)	1000 500	400	2.0 Y	4		20	150%			2007-01 00:00		RESULTS_ IDIR\{ CONV	BOLS EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural					Ministry of Forests				Page:	72 o	f 93
District:	Resource District null				FDP	& FSP Stocking Standards F	Report			Date Printed:	2018-07-31 08:46	6:32
Client Number	r: All									User ID:	idir_mtsoi	
Status Code:										Database:	DBP01	
BGC Zone:		BGC SubZone:								Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id									File:		
Comments:	Dis	strict Default Ind:										
	MOF Default	s	Species	Stockin	g (w/s)	Offsets		Max Density Post Spacing				
	d Ind	r Pref SPP/Ht	Acc Spp/Ht	Mi Targ Stck	n Min Min Regen Pref Horz Obl.		No Erl Lt Ht Rel to RG FG FG Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Amer	ndment: 0		Status: Appr	oved				
Org Unit:	Thompson Rivers Natural Resource Dis	strict										
Client:	TIMBER SALES MANAGER KAMLOO	PS,										
							preferred; (BL MITD may be unless site pla Regime Statu	evated microsites are preferred; (SX3 1); BL-elevated microsites are prefe reduced to 1.5m if the site plan has i in identifies natural regeneration whe	rred; (BL32) ; BL- limited dentified site specific crit n it can be set up to a m	ng-season frosts; (F I by growing-season teria as listed in the	n frosts	
1005465	N BCTS Kamloops and SBS mc 1 01 Clearwater FSP	l FDI(1.0) PLI(1.6) SX(.8)	BL(.8)	1200 700	600 2.0 Y	4	20 150%		2007-0 ⁻ 00:00		RESULTS_ CONV	IDIR\BOLS EN
							SX-limited by MITD may be unless site pla Regime Statu	restricted to northern portion of bioge moisture deficit; (BL28) ; BL-limited t reduced to 1.5m if the site plan has i in identifies natural regeneration whe s: APP	y moisture deficit dentified site specific crit n it can be set up to a ma	(FDI32) ; FDI-limite teria as listed in the		
1005466	N BCTS Kamloops and SBS mc 1 02	l PLI(1.2)	BL(.6) SX(.6)	1000 500	400 2.0 Y	4	20 150%	stocking standards cover BCTS FSP	2007-01-1	01	RESULTS_ID	
1003400	Clearwater FSP	1 FLI(1.2)	BL(.0) 3A(.0)	1000 500	400 2.0 Y	4	20 130%		00:00:		CONV	EN
							recommended MITD may be unless site pla Regime Statu	nited by moisture deficit; (SX28) ; SX I for logging reduced to 1.5m if the site plan has i in identifies natural regeneration whe	dentified site specific crit n it can be set up to a ma	cit; (ALL520) ; ALL teria as listed in the		

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Min	istry of Fore	sts					Page:	73	of 93
District:	Resource District null						FDP & FSP St	ocking Stan	dards Report					Date Printed:	2018-07-31 08:4	6:32
Client Number	er: All													User ID:	idir_mtsoi	
Status Code:	:													Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Dis	strict Default Ind:														
	MOF	Spe	cies	Sto	cking (w/s)	1		Offsets	i	_	Max Density Spacing					
s	Default Std Ind					lin Min Reg		Erl No		t Ht Rel to	Max		Resid Effective	Expiry	Submitted	Approved
ID	Name BEC Laye	r Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Pi	ref Horz Obl.	RG	RG	RG FG FG	Comp	Conf Min	Max	BA Date	Date	By	Ву
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Am	endment:	0			Status	Approv	ed					
Org Unit: <u>⊺</u> ∤	hompson Rivers Natural Resource District															
Client:	TIMBER SALES MANAGER KAMLOOPS,															
1005467	N BCTS Kamloops and SBS mc 1 03 Clearwater FSP	I FDI(1.0) PLI(1.6)		1200	700 6	00 2.0	Y ·	4	20	150%			2007-01 00:00):	RESULTS_ CONV	IDIR\BOLS EN
												site plan has	Iditional Standards Not identified site specific cr ien it can be set up to a n	riteria as listed in the	FSP. Regen delay	will be 4 years
										Regime Status Geographic: Si	: APP tocking standards cov	er BCTS FSF	o in DKA and DHW			
1005468	N BCTS Kamloops and SBS mc 1 04	I PLI(1.6) SX(.8)	BL(.8)	1200	700 6	00 2.0	Y	4	20	0 150%			2007-01		RESULTS_ID	
	Clearwater FSP												00:00		CONV	EN
										MITD may be r	educed to 1.5m if the	on frosts; (BL site plan has	Iditional Standards Not .32) ; BL-limited by growi identified site specific cr ien it can be set up to a n	ing-season frosts riteria as listed in the	FSP. Regen delay	will be 4 years
										Regime Status Geographic: St	: APP tocking standards cov	ver BCTS FSF	o in DKA and DHW			
1005469	N BCTS Kamloops and SBS mc 1 05	I PLI(1.6) SX(.8)	BL(.8)	1200	700 6	00 2.0	Y .	4	20	0 150%			2007-01	I-01	RESULTS_I	DIR\BOLS
	Clearwater FSP												00:00):	CONV	EN
												Ad	ditional Standards Not	es		
										Regime Status Geographic: Si	: APP tocking standards cov	ver BCTS FSF	P in DKA and DHW			
1005470	N BCTS Kamloops and SBS mc 1 06 Clearwater FSP	I FDI(1.0) PLI(1.6) SX(.8)	BL(.8)	1200	700 6	00 2.0	Y .	4	20	150%			2007-01 00:00		RESULTS_ IE CONV	DIR\BOLS EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							N	linistry of Fores	S				Page:	74	of 93
District:	Resource District null							FDP & FSP	Stocking Stand	ards Report				Date Printed:	2018-07-31 08:4	46:32
Client Number	: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	I	District Default Ind:														
	MOF		Species	s	itocking (w/s)			Offsets			Max Density Post Spacing				
	Default d Ind <u>Name BEC La</u>	ver Pref SPP/Ht	Acc Spp/Ht	Targ Stcl	Min	Min Pref H	Min Reg lorz Obl.		Erl No RG RG	Lt No Erl Lt RG FG FG	Ht Rel to Comp	Max Conf Min Max	- Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66			Amendı	ment: 0				Statu	s: Approve	d				
Org Unit:	Thompson Rivers Natural Resource I	District														
Client:	TIMBER SALES MANAGER KAMLO	OPS,														
											MITD may be redu unless site plan ide Regime Status: AP	cted to northern portion of bio ced to 1.5m if the site plan has intifies natural regeneration w	s identified site specific c hen it can be set up to a	; (FDI32) ; FDI-limit riteria as listed in th		
1005471	N BCTS Kamloops and SBS mc 1 07 Clearwater FSP	l FDI(1.0) PLI(1.6) SX(.8)	BL(.8)	1200	700	600	2.0	Y	4	20	MITD may be redu unless site plan ide Regime Status: AP Geographic: Stock	cted to northern portion of bio ced to 1.5m if the site plan ha ntifies natural regeneration w P	geoclimatic unit in region s identified site specific c hen it can be set up to a P in DKA and DHW	; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01		
1005471			BL(.8)	1200	700	600	2.0	Y	4	20	MITD may be redu unless site plan ide Regime Status: AP Geographic: Stock	cted to northern portion of bio ced to 1.5m if the site plan ha ntifies natural regeneration w P ing standards cover BCTS FS	geoclimatic unit in region s identified site specific c hen it can be set up to a P in DKA and DHW 2007	; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01 20:	e FSP. Regen delay RESULTS_	will be 4 years IDIR\BOLS
1005471			BL(.8)	1200	700	600	2.0	Y	4	20	MITD may be redu unless site plan ide Regime Status: AP Geographic: Stocki 150% Regime Status: AP	cted to northern portion of bio ced to 1.5m if the site plan ha intifies natural regeneration w P ing standards cover BCTS FS	geoclimatic unit in region s identified site specific c nen it can be set up to a P in DKA and DHW 2007 2007 dditional Standards No	; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01 20:	e FSP. Regen delay RESULTS_	will be 4 years IDIR\BOLS
1005471	Clearwater FSP N BCTS Kamloops and SBS mc 1 08		BL(.8) BL(.6) PLI(1.2)	1200	700	600	2.0	Y	4	20	MITD may be redu unless site plan ide Regime Status: AP Geographic: Stocki 150% Regime Status: AP Geographic: Stocki	cted to northern portion of bio ced to 1.5m if the site plan ha intifies natural regeneration w p ng standards cover BCTS FS	geoclimatic unit in region s identified site specific c nen it can be set up to a P in DKA and DHW 2007- dditional Standards No P in DKA and DHW 2007-0	i; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01 00: tes 1-01	RESULTS_ CONV RESULTS_	UDIR\BOLS
	Clearwater FSP	SX(.8)									MITD may be redu unless site plan ide Regime Status: AP Geographic: Stocki 150% Regime Status: AP Geographic: Stocki	cted to northern portion of bio ced to 1.5m if the site plan ha intifies natural regeneration w p ng standards cover BCTS FS	geoclimatic unit in region s identified site specific c nen it can be set up to a P in DKA and DHW 2007 00:1 dditional Standards No P in DKA and DHW	i; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01 00: tes 1-01	e FSP. Regen delay RESULTS_ CONV	Will be 4 years IDIR\BOLS EN
	Clearwater FSP N BCTS Kamloops and SBS mc 1 08	SX(.8)									MITD may be redu unless site plan ide Regime Status: AP Geographic: Stocki 150% Regime Status: AP Geographic: Stocki 150% (SX1) ; SX-elevate preferred; (BL32) ; MITD may be redu	cted to northern portion of bio ced to 1.5m if the site plan ha intifies natural regeneration w P ing standards cover BCTS FS A P ng standards cover BCTS FS	geoclimatic unit in region s identified site specific c nen it can be set up to a P in DKA and DHW 2007-0 00:0 dditional Standards No 2007-0 00:0 dditional Standards No (32) ; SX-limited by grow frosts; (PLI) ; PLI- elev s identified site specific c	; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01 00: tes 1-01 0: tes ring-season frosts; (ated microstes are riteria as listed in th	RESULTS_ RESULTS_ CONV RESULTS_II CONV (BL1) ; BL-elevated m preferred	IDIR\BOLS EN DIR\BOLS EN nicrosites are
	Clearwater FSP N BCTS Kamloops and SBS mc 1 08	SX(.8)									MITD may be redu unless site plan ide Regime Status: AP Geographic: Stocki 150% Regime Status: AP Geographic: Stocki 150% (SX1) ; SX-elevate preferred; (BL32) ; MITD may be redu unless site plan ide Regime Status: AP	cted to northern portion of bio ced to 1.5m if the site plan ha intifies natural regeneration w P ng standards cover BCTS FS P ng standards cover BCTS FS g d microsites are preferred; (S) BL-limited by growing-seasor ced to 1.5m if the site plan ha intifies natural regeneration w	geoclimatic unit in region s identified site specific c nen it can be set up to a P in DKA and DHW 2007- 00:1 dditional Standards No 2007-0 00:0 dditional Standards No (32) ; SX-limited by grow frosts; (PLI1) ; PLI- elev s identified site specific c nen it can be set up to a	; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01 00: tes 1-01 0: tes ring-season frosts; (ated microstes are riteria as listed in th	RESULTS_ RESULTS_ CONV RESULTS_II CONV (BL1) ; BL-elevated m preferred	IDIR\BOLS EN DIR\BOLS EN nicrosites are
	Clearwater FSP N BCTS Kamloops and SBS mc 1 08	SX(.8)									MITD may be redu unless site plan ide Regime Status: AP Geographic: Stocki 150% Regime Status: AP Geographic: Stocki 150% (SX1); SX-elevate preferred; (BL32); MITD may be redu unless site plan ide Regime Status: AP Geographic: Stocki	cted to northern portion of bio ced to 1.5m if the site plan ha intifies natural regeneration w P ng standards cover BCTS FS P ng standards cover BCTS FS Mainted by growing-seasor BL-limited by growing-seasor BL-limited by growing-seasor sed to 1.5m if the site plan ha intifies natural regeneration w P	geoclimatic unit in region s identified site specific c nen it can be set up to a P in DKA and DHW 2007- 00:1 dditional Standards No 2007-0 00:0 dditional Standards No (32) ; SX-limited by grow frosts; (PLI1) ; PLI- elev s identified site specific c nen it can be set up to a	; (FDI32) ; FDI-limit riteria as listed in th max. of 7 years. -01-01 00: tes 1-01 0: tes ing-season frosts; (ated microsites are riteria as listed in th max. of 7 years. 1-01	RESULTS_ RESULTS_ CONV RESULTS_II CONV (BL1) ; BL-elevated m preferred	will be 4 years IDIR\BOLS EN DIR\BOLS EN nicrosites are will be 4 years

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Forests		Page:	75 of 93
District:	Resource District null		FDP 8	FSP Stocking Standards Report		Date Printed:	2018-07-31 08:46:32
Client Number	r: All					User ID:	idir_mtsoi
Status Code:						Database:	DBP01
BGC Zone:		BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	D	istrict Default Ind:					
	MOF	Species	Stocking (w/s)	Offsets	Max Density Post Spacing		
	Default d Ind <u>Name BEC Lay</u>	rer Pref SPP/Ht Acc Spp/Ht	Min Min Min Regen Targ Stck Pref Horz Obl.	Erl No Lt No Erl Lt Ht Reite RG RG RG FG FG Com	to Max R	Resid Effective Expiry BA Date Date	Submitted Approved By By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource D	FSP ID: 66	Amendment: 0	Status:	Approved		
Client:	TIMBER SALES MANAGER KAMLOO	DPS,					
				by grov MITD n	; FDI-restricted to southerly aspects; (FDI14) ; FI wing-season frosts; (BL10) ; BL-restricted to north may be reduced to 1.5m if the site plan has identii	herly aspects; (BL13) ; BL-restricted t ified site specific criteria as listed in th	to upper elevations of biogeoclimatic unit
				by grov MITD n unless Regime	; FDI-restricted to southerly aspects; (FDI14); FC wing-season frosts; (BL10); BL-restricted to north may be reduced to 1.5m if the site plan has identii site plan identifies natural regeneration when it c e Status: APP	DI-restricted to lower elevations of bio herly aspects; (BL13) ; BL-restricted t ified site specific criteria as listed in th can be set up to a max. of 7 years.	to upper elevations of biogeoclimatic unit
1005474	N BCTS Kamloops and SBS mm 02 Clearwater FSP	I PLI(1.4) FDI(1.0) SX(.8)	1000 500 400 2.0 Y	by grov MITD n unless Regime	; FDI-restricted to southerly aspects; (FDI14); FC wing-season frosts; (BL10); BL-restricted to north may be reduced to 1.5m if the site plan has identi site plan identifies natural regeneration when it c e Status: APP aphic: Stocking standards cover BCTS FSP in DK	DI-restricted to lower elevations of bio herly aspects; (BL13) : BL-restricted t ified site specific criteria as listed in th can be set up to a max. of 7 years. KA and DHW 2007-01-01	to upper elevations of biogeoclimatic unit he FSP. Regen delay will be 4 years RESULTS_ IDIR\BOLS
1005474	N BCTS Kamloops and SBS mm 02 Clearwater FSP	I PLI(1.4) FDI(1.0) SX(.8)	1000 500 400 2.0 Y	by grov MITD n unless Regime Geogra 4 20 150 (FDI9) by grov unit MITD n unless Regime	; FDI-restricted to southerly aspects; (FDI14); FI wing-season frosts; (BL10); BL-restricted to north may be reduced to 1.5m if the site plan has identif site plan identifies natural regeneration when it c e Status: APP aphic: Stocking standards cover BCTS FSP in Dk 1%	DI-restricted to lower elevations of bio herly aspects; (BL13) ; BL-restricted t fifed site specific criteria as listed in th can be set up to a max. of 7 years. KA and DHW 2007-01-01 00:00: nal Standards Notes DI-restricted to upper elevations of bio therly aspects; (SX13) ; SX-restricted ified site specific criteria as listed in th can be set up to a max. of 7 years.	to upper elevations of biogeoclimatic unit ne FSP. Regen delay will be 4 years RESULTS_ IDIR\BOLS CONV EN ogeoclimatic unit; (FDI32) ; FDI-limited I to upper elevations of biogeoclimatic
1005474		I PLI(1.4) FDI(1.0) SX(.8) I FDI(1.0) PLI(1.4) SX(.8)	1000 500 400 2.0 Y 1000 500 400 2.0 Y	by grow MITD n unless Regime 20 150 (FDI9) by grov unit MITD n unless Regime Geogra 4 20 150	; FDI-restricted to southerly aspects; (FDI14) ; FT wing-season frosts; (BL10) ; BL-restricted to north may be reduced to 1.5m if the site plan has identii site plan identifies natural regeneration when it c e Status: APP aphic: Stocking standards cover BCTS FSP in DK % <u>Addition</u> ; FDI-restricted to southerly aspects; (FDI13) ; FT wing-season frosts; (SX10) ; SX-restricted to nort may be reduced to 1.5m if the site plan has identii site plan identifies natural regeneration when it c e Status: APP aphic: Stocking standards cover BCTS FSP in DK 0%	DI-restricted to lower elevations of bid herly aspects; (BL13) ; BL-restricted t fifed site specific criteria as listed in th can be set up to a max. of 7 years. KA and DHW 2007-01-01 00:00: mal Standards Notes KA and DHW 2007-01-01 00:00: mal Standards Notes	RESULTS_ IDIR\BOLS CONV EN ogeoclimatic unit; (FDI32) ; FDI-limited to upper elevations of biogeoclimatic ne FSP. Regen delay will be 4 years RESULTS_ IDIR\BOLS CONV EN RESULTS_ IDIR\BOLS RESULTS_ IDIR\BOLS CONV EN

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Min	istry of Fores	ts				Page:	76	of 93
District:	Resource District null						FDP & FSP St	ocking Stand	ards Report				Date Printed:	2018-07-31 08:4	16:32
Client Numbe	r: All												User ID:	idir_mtsoi	
Status Code:													Database:	DBP01	
BGC Zone:		BGC SubZone:											Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id												File:		
Comments:	Dis	trict Default Ind:													
	MOF Default	S	pecies	Stoc	king (w/s)			Offsets			Max Density Post Spacing				
	d Ind	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Min Pref	Min Rege Horz Obl.	en RG	Erl No RG	Lt No Erl RG FG FG	Lt Ht Rel to G Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		Am	endment:	0			St	tatus: Appro	oved				
Org Unit:	•	trict													
Client:	TIMBER SALES MANAGER KAMLOOF	PS,													
										Regime Status Geographic: St	: APP ocking standards cover BCTS FSP	in DKA and DHW			
1005476	N BCTS Kamloops and SBS mm 04 Clearwater FSP	I PLI(1.4) FDI(1.0)	SX(.8)	1000 5	00 400	2.0	Y .	4		20 150%		2007-01- 00:00:		RESULTS_ CONV	IDIR\BOLS EN
												ditional Standards Note			
											stricted to southerly aspects; (FDI1; son frosts; (SX10); SX-restricted to				
										unit MITD may be r	educed to 1.5m if the site plan has in identifies natural regeneration whe	identified site specific crit	eria as listed in the		
										Regime Status	•				
1005477	N BCTS Kamloops and SBS mm 05	I PLI(2.0) FDI(1.4)	BL(1.0)	1200 7	00 600	2.0	Y	4		20 150%		2007-01-	01	RESULTS_I	DIR\BOLS
	Clearwater FSP	SX(1.0)										00:00:		CONV	EN
										by growing-sea MITD may be r	Adte stricted to southerly aspects; (FDI1- son frosts; (BL10); BL-restricted to educed to 1.5m if the site plan has in identifies natural regeneration whe	northerly aspects; (BL13 identified site specific crit	r elevations of biog 3) ; BL-restricted to eria as listed in the	upper elevations of	biogeoclimatic unit
										Regime Status Geographic: St	: APP ocking standards cover BCTS FSP	in DKA and DHW			
1005478	N BCTS Kamloops and SBS mm 06	I PLI(2.0) SX(1.0)	BL(1.0)	1200 7	00 600	2.0	Y	4		20 150%		2007-01-	01	RESULTS_I	DIR\BOLS
	Clearwater FSP	FDI(1.4)										00:00:		CONV	EN
											Ado	ditional Standards Note	S		

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural						Minis	try of Fores	its					Page:	77	of 93
District:	Resource District null					FI	DP & FSP Sto	cking Stand	lards Report					Date Printed:	2018-07-31 08:4	6:32
Client Number	r: All													User ID:	idir_mtsoi	
Status Code:														Database:	DBP01	
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id													File:		
Comments:	Dist	rict Default Ind:														
	MOF		Species	Stoc	king (w/s)			Offsets			Max Dens Spacir					
	Default d Ind <u>Name BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Vin Min Pref	Min Regen Horz Obl.	RG	Erl No RG	Lt No Erl RG FG FG	Lt Ht Rel to Comp	Max Conf N	/in Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		Am	endment	: 0			S	tatus: Appr	oved					
Org Unit:	Thompson Rivers Natural Resource Dist	trict														
Client:	TIMBER SALES MANAGER KAMLOOP	S														
		σ,														
										Regime Statu Geographic: S	s: APP Stocking standards	cover BCTS FSP	in DKA and DHW			
1005479	N BCTS Kamloops and SBS mm 07 Clearwater FSP	I PLI(2.0) SX(1.0) FDI(1.4)	BL(1.0) CW(1.0)	1200 7	00 600	2.0 Y	4			20 150%			2007-0 00:0		RESULTS_ CONV	IDIR\BOLS EN
										by growing-se MITD may be unless site pla Regime Statu	eason frosts; (CW32 reduced to 1.5m if an identifies natural	ly aspects; (FDI1 2) ; CW-limited by the site plan has regeneration who	ditional Standards No 4); FDI-restricted to lov v growing-season frosts identified site specific c en it can be set up to a the DKA and DHW	ver elevations of bio riteria as listed in th		, .
1005480	N BCTS Kamloops and SBS mm 08	I PLI(1.4) SX(.8)	BL(.8)	1000 5	00 400	2.0 Y	· 4			20 150%			2007-0		RESULTS_II	
	Clearwater FSP												00:0		CONV	EN
										preferred MITD may be	reduced to 1.5m if	are preferred; (ditional Standards No SX1); SX-elevated mi identified site specific c	crosites are preferr riteria as listed in th		
										Regime Statu		-	en it can be set up to a ' in DKA and DHW	max. UI / years.		
1005481	N BCTS Kamloops and SBPS mk 01	l FDI(1.0) PLI(1.6)		1200 7	000 00	2.0 Y	· 4			20 150%			2007-0	1-01	RESULTS_II	DIR\BOLS
	Clearwater FSP	SX(.8)											00:0	0:	CONV	EN
												elevations of biog	ditional Standards No eoclimatic unit; (FDI32)	; FDI-limited by gro	owing- season frosts	

MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural			Ministry of Fore	sts	Page:	78 of 93
District:	Resource District null			FDP & FSP Stocking Stan	lards Report	Date Printe	ed: 2018-07-31 08:46:32
Client Numbe	er: All					User ID:	idir_mtsoi
Status Code:						Database:	DBP01
BGC Zone:	E	BGC SubZone:				Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id					File:	
Comments:	Distric	t Default Ind:					
	MOF	Species	Stocking (w/s)	Offsets	Ma	ax Density Post Spacing	
Si ID	Default td Ind <u>Name BEC Layer</u>	Pref SPP/Ht Acc Spp/Ht	Min Min Targ Stck Pref H	Min Regen Erl No Horz Obl. RG RG	Lt No Erl Lt Ht Rel to Max RG FG FG Comp Conf	Resid Effective Expir	y Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Forest	FSP ID: 66	Amendment: 0		Status: Approved		
Org Unit: Th	Development Plan hompson Rivers Natural Resource District						
Client:	TIMBER SALES MANAGER KAMLOOPS.						
1005482	N BCTS Kamloops and SBPS mk 02 Clearwater FSP	I FDI(.8) PLI(1.2) SX(.6)	1000 500 400	2.0 Y 4	Regime Status: APP Geographic: Stocking sta 20 150% (FDI14) ; FDI-restricted to	Il be 4 years unless site plan identifies natural regeneration whe indards cover BCTS FSP in DKA and DHW 2007-01-01 00:00: Additional Standards Notes o lower elevations of biogeoclimatic unit; (FDI28) ; FDI-limited b) ; ALL SPECIES - site series not recommended for logging	RESULTS_ IDIR\BOLS CONV EN
					MITD may be reduced to unless site plan identifies Regime Status: APP	1.5m if the site plan has identified site specific rollering as listed natural regeneration when it can be set up to a max. of 7 years indards cover BCTS FSP in DKA and DHW	
1005483	N BCTS Kamloops and SBPS mk 03 Clearwater FSP	I FDI(1.0) PLI(1.6)	1200 700 600	2.0 Y 4	20 150%	2007-01-01 00:00:	RESULTS_ IDIR\BOLS CONV EN
					unless site plan identifies Regime Status: APP	Additional Standards Notes noisture deficit 1.5m if the site plan has identified site specific criteria as listed natural regeneration when it can be set up to a max. of 7 years indards cover BCTS FSP in DKA and DHW	
1005484	N BCTS Kamloops and SBPS mk 04 Clearwater FSP	l FDI(1.0) PLI(1.6) SX(.8)	1200 700 600	2.0 Y 4	20 150%	Additional Standards Notes 1000:00: 1000:	RESULTS_ IDIR\BOLS CONV EN

(FDI14) ; FDI-restricted to lower elevations of biogeoclimatic unit; (FDI28) ; FDI-limited by moisture deficit; (FDI32) ; FDI-limited by growing-season frosts; (SX32) ; SX-limited by

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural							Ministry	y of Fores	ts							Page:	79	of 93
District:	Resource District null						FDP & FS	P Stock	king Stand	ards Repor	rt						Date Printed:	2018-07-31 08:4	46:32
Client Number	r: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:		BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:	Dist	rict Default Ind:																	
	MOF Default	s	pecies	Sto	cking (w/s)				Offsets			_	Max	C Density Po Spacing	st				
	d Ind	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Min Pref	Min Re Horz Obl.		RG	Erl No RG	Lt No RG	Erl L FG FG	t Ht Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66		An	nendment	: 0					Stat	us: Appro	oved						
Org Unit:	Thompson Rivers Natural Resource Dist	rict																	
Client:	TIMBER SALES MANAGER KAMLOOP	S,																	
												unless site plar Regime Status	reduced to 1 n identifies n :: APP	atural regen	eration whe	dentified site specific cr n it can be set up to a r in DKA and DHW		FSP. Regen delay	will be 4 years
1005485	N BCTS Kamloops and SBPS mk 05 Clearwater FSP	l FDI(1.0) PLI(1.6) SX(.8)		1200	700 600	2.0	Y	4			20	•	LUCKING STATI	uarus cover i		2007-(00:0		RESULTS_ CONV	IDIR\BOLS EN
												moisture deficit MITD may be r unless site plar Regime Status	t reduced to 1 n identifies r :: APP	.5m if the site	ons of bioge e plan has i eration whe	litional Standards Not eoclimatic unit; (FDI28) dentified site specific cr n it can be set up to a r in DKA and DHW	; FDI-limited by mois	,	
1005486	N BCTS Kamloops and SBPS mk 06 Clearwater FSP	I PLI(1.6) SX(.8)		1200	700 600	2.0	Y	4			2	20 150%				2007-01 00:00		RESULTS_ II CONV	DIR\BOLS EN
												unless site plar Regime Status	n identifies n :: APP	atural regen	e plan has i eration whe	litional Standards Not dentified site specific cr n it can be set up to a r in DKA and DHW	iteria as listed in the	FSP. Regen delay	will be 4 years
1005487	N BCTS Kamloops and SBPS mk 07 Clearwater FSP	I SX(.6)	PLI(1.2) BL(.6)	1000	500 400	2.0	Y	4			2	20 150% (SX1) ; SX-ele preferred; (BL1			eferred; (S)	2007-01 00:00 I itional Standards Not (32) ; SX-limited by gr): es	RESULTS_II CONV s; (PLI1) ; PLI-eleva	EN

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								-	y of Forest							Page:		of 93
District:	Resource District null							FDP & I	FSP Stock	ing Standa	ards Report						Date Printed:	2018-07-31 08:4	6:32
Client Number	r: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:		BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:	D	istrict Default Ind:																	
	MOF	S	pecies	Sto	ocking (v	v/s)				Offsets				Density Pe Spacing	ost				
	Default d Ind <u>Name BEC Lay</u> u	er Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref H	Min Reg lorz Obl.	gen	RG	Erl No RG	Lt No Erl RG FG F	Lt Ht Rel G Co		Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops TSA Forest Development Plan Thompson Rivers Natural Resource Di	FSP ID: 66		A	mendr	nent: 0					\$	Status:	Approved						
org onn.																			
Client:	TIMBER SALES MANAGER KAMLOO	PPS,																	
												MITD		.5m if the si	ite plan has	identified site specific c en it can be set up to a		e FSP. Regen delay	will be 4 years
													e Status: APP aphic: Stocking stand	dards cover	BCTS FSF	in DKA and DHW			
1005488	N BCTS Kamloops and SBPS mk 08 Clearwater FSP	I SX(.6) PLI(1.2)	SB(.6)	400	200	200	2.0	Y	4			20 150)%			2007- 00:0	01-01 00:	RESULTS_ CONV	IDIR\BOLS EN
												(0)(4)				ditional Standards Not			(
												prefer MITD	red; (SB1) ; SB-eleva may be reduced to 1	ted microsi .5m if the si	tes are pref te plan has	X32) ; SX-limited by g erred identified site specific c en it can be set up to a	riteria as listed in th		
													e Status: APP aphic: Stocking stan	dards cover	BCTS FSF	in DKA and DHW			
1005489	N BCTS Kamloops and Clearwater FSP	1		600	300	250		Y	7			20				2007-0 ⁻ 00:00		RESULTS_ CONV	IDIR\BOLS EN
1005489	N BCTS Kamloops and Clearwater FSP	2		800	400	300		Y	7			20				2007-0 00:00	1-01	RESULTS_ CONV	IDIR\BOLS EN
1005489	N BCTS Kamloops and Clearwater FSP	3		1000	500	400		Y	7			20				2007-0 ⁻ 00:0		RESULTS_ CONV	IDIR\BOLS EN
1005489	N BCTS Kamloops and Clearwater FSP	4		1200	700	600	2.0	Y	7			20				2007-0 00:00		RESULTS_ CONV	IDIR\BOLS EN

Additional Standards Notes Max. regen delay is 7years. Regen delay can be met immediately following harvest if residual stand has no significant damage or pest problems and meets min. stocking standards. If regen is achieved immediately, earliest free growing date is 12 months after completion of harvest and the latest date is 24 months after completion of harvest.

Region:	RTO-Thompson-Okanag DKA-Thompson Rivers N									Ministr	y of Fores	ts							Page:	81	of 93
District:	Resource District null	Natural							FDP & I	FSP Stoc	king Stand	ards Repo	ort						Date Printed:	2018-07-31 08:4	6:32
Client Numbe	r: All																		User ID:	idir_mtsoi	
Status Code:																			Database:	DBP01	
BGC Zone:		BGC	SubZone:																Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, St	andards Id																	File:		
Comments:		District Defa	ault Ind:																		
	MOF			Species	s	tocking (w	v/s)				Offsets					ax Density Po Spacing	ost				
	Default d Ind Name	BEC Laver Pref	SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref	Min Reg Horz Obl.	gen	RG	Erl No RG	Lt No RG	Erl Lt H FG FG	It Rel to Comp	Max Conf		Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved Bv
FSP:	FSP Name: Kamloops 7	SA Forest	FSP ID: 66		-	Amendr							Status							:	
Org Unit:	Developme <u>Thompson Rivers Natur</u>																				
Client:	TIMBER SALES MANA	GER KAMLOOPS,																			
L														Regime Status: Objective: Unev		single tree sel	lection. Targ	get 1200sph.			
1005490	N BCTS Kamloops and Clearwater FSP	1			400	200	200		Y	7			20					2007-01-0 00:00:		RESULTS_ CONV	IDIR\BOLS EN
1005490	N BCTS Kamloops and Clearwater FSP	2			600	300	250		Y	7			20					2007-01- 00:00:	D1	RESULTS_ CONV	IDIR\BOLS EN
1005490	N BCTS Kamloops and Clearwater FSP	3			800	400	300		Y	7			20					2007-01- 00:00:		RESULTS_ CONV	IDIR\BOLS EN
1005490	N BCTS Kamloops and Clearwater FSP	4			1000	500	400	2.0	Y	7			20					2007-01-1 00:00:		RESULTS_ CONV	IDIR\BOLS EN
																	Ado	ditional Standards Note	S		
														Regime Status: Objective: Unev	: APP ven-aged s	single tree sel	lection. Tarç	get 1000sph.			
1005491	N BCTS Kamloops and Clearwater FSP	1			300	150	150		Y	7			20					2007-01- 00:00:		RESULTS_ CONV	IDIR\BOLS EN
1005491	N BCTS Kamloops and Clearwater FSP	2			400	200	200		Y	7			20					2007-01- 00:00:		RESULTS_ CONV	IDIR\BOLS EN
1005491	N BCTS Kamloops and Clearwater FSP	3			500	300	300		Y	7			20					2007-01-1 00:00:		RESULTS_ CONV	IDIR\BOLS EN
1005491	N BCTS Kamloops and Clearwater FSP	4			600	400	400	2.0	Y	7			20					2007-01-1 00:00:		RESULTS_ CONV	IDIR\BOLS EN
																	Ado	ditional Standards Note	S		

Regime Status: APP Objective: Uneven-aged single tree selection. Target 600sph.

117

Region:	RTO-Thompson-Okanagan Natural	Ministry of Forests Page:	82 of 93
District:	DKA-Thompson Rivers Natural Resource District null	FDP & FSP Stocking Standards Report Date Printed:	2018-07-31 08:46:32
Client Number:	All	User ID:	idir_mtsoi
Status Code:		Database:	DBP01
BGC Zone:	BGC Sub	one: Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id	File:	
Comments:	District Default	nd:	

	MOF Default			Species		Stocking (w/s)				Offsets			-		Max Densi Spacing						
<u>ID</u>	Std Ind Name BE	C Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stc	Min k	Min Pref H	Min Re lorz Obl.	gen	RG	Erl No RG	Lt No RG	Erl Lt FG FG	Ht Rel to Comp	M Co		n Ma	F	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan		FSP ID : 66			Amendme	ent: 0						Status	: Арр	roved							
Org Unit:	Thompson Rivers Natural Resource District																					
Client:	TIMBER SALES MANAGER KAMLOO	OPS,																				
1005492	N BCTS Kamloops and Clearwater FSP		1		200	100	100		Y	7			20						2007-01-0 ⁷ 00:00:	1	RESULTS_ CONV	IDIR\BOLS EN
1005492	N BCTS Kamloops and Clearwater FSP		2		300	125	125		Y	7			20						2007-01-0 ² 00:00:	1	RESULTS_ CONV	IDIR\BOLS EN
1005492	N BCTS Kamloops and Clearwater FSP		3		300	150	150		Y	7			20						2007-01-0 ⁷ 00:00:	1	RESULTS_ CONV	IDIR\BOLS EN
1005492	N BCTS Kamloops and Clearwater FSP		4		400	200	200	2.0	Y	7			20						2007-01-0 ² 00:00:	1	RESULTS_ CONV	IDIR\BOLS EN
																		Additio	nal Standards Notes			
														Regime Sta Objective: L	itus: APP Jneven-age	ed single tre	e selection.	Target 4	00sph.			
1005493	N BCTS Kamloops and		I		1600	1000	800	2.0	Y	7			20						2007-01-01	1	RESULTS_	IDIR\BOLS
	Clearwater FSP																		00:00:		CONV	EN
														Regime Sta Objective: N		target 1200)sph. MSSc	onifers is	600.			
1005494	N BCTS Kamloops and Clearwater FSP		I		1200	700	600	2.0	Y	7			20						2007-01- 00:00:	01	RESULTS_ CONV	IDIR\BOLS EN
1005495														Regime Sta Objective: N		target 1000)sph. MSSc	onifers is	400.			IDIR\BOLS EN
1005495	N BCTS Kamloops and Clearwater FSP		I		800	500	400	2.0	Y	7			20						2007-01-01 00:00:		RESULTS_ CONV	
														Regime Sta		1			100			IDIR\BOLS EN
1005496	N BCTS Kamloops and Clearwater FSP		I		400	200	200	2.0	Y	7			20	Objective: N	lixed wood	target 600s	pn. MSSco	niters is 4	400. 2007-01-01 00:00:		RESULTS_ CONV	

Region:	RTO-Thompson-Okana DKA-Thompson Rivers								Ministr	y of Forest	6							Page:	83	of 93
District:	Resource District null							FD	P & FSP Stocl	king Standa	rds Report							Date Printed:	2018-07-31 08:4	6:32
Client Numbe	er: All																	User ID:	idir_mtsoi	
Status Code:																		Database:	DBP01	
BGC Zone:		В	GC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, S	andards Id																File:		
Comments:		District	Default Ind:																	
	MOF		5	Species	S	tocking (w/	s)			Offsets				Max D Sp	Density Post Dacing					
	Default td Ind Name	BEC Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stck		Min Pref Ho	Min Regen orz Obl.	RG	Erl No RG	Lt No Erl RG FG		Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit:	FSP Name: Kamloops Developme Thompson Rivers Natu	TSA Forest ent Plan	FSP ID : 66		ļ	Amendm	ent: 0					Status:	Аррі	roved					·	
Client:	TIMBER SALES MANA	ger Kamloops,												100						
													egime Statu bjective: Mi	is: APP xed wood target	t 400sph. MS	Sconifers	is 200.			
1005497	N BCTS Kamloops and Clearwater FSP		I		2000	1200 1	000	2.0 Y	4			12	150%				2007-01-0 00:00:	01	RESULTS_ CONV	IDIR\BOLS EN
													egime Statu bjective: Br	is: APP badleaf target 12	200sph					
1005498	N BCTS Kamloops and Clearwater FSP		I		1200	1000	800	2.0 Y	4			12	150%				2007-01-0 00:00:)1	RESULTS_ CONV	IDIR\BOLS EN
													egime Statu bjective: Bre	is: APP padleaf target 10	000sph					
1005499	N BCTS Kamloops and Clearwater FSP		I		1000	500	400	2.0 Y	4			12	150%				2007-01-0 00:00:	01	RESULTS_ CONV	IDIR\BOLS EN
													egime Statu bjective: Bro	is: APP badleaf target 60	00sph					
1005500	N BCTS Kamloops and Clearwater FSP		I		600	400	400	2.0 Y	4			12	150%				2007-01-0 00:00:)1	RESULTS_ CONV	IDIR\BOLS EN
													egime Statu bjective: Br	is: APP badleaf target 40	00sph					
1015354	N ICH dw3 01/04	ICH dw 3	I FDI(1.4) SX(1.0) CW(1.0) PW(2.0) PLI(2.0)	HW(1.0)	1200	700	600	2.0 Y	4			20	150%	10000			2007-01 00:00:	:	IDIR\RJPO WELL	
												T	his standard	is for the ICHd	w3-01 and 04		tional Standards Notes es. However this biogeo i		SULTS does not hav	e them in so they

This standard is for the ICHdw3-01 and 04 site series. However this biogeo is so new that RESULTS does not have them in so they cannot be put in there.

If greater than 80% pli than the max density is 25000 stems/ha. Pw is limited by the

standards set in BCTS's approved FSP.

Region:	RTO-Thompson-Okana DKA-Thompson Rivers								Ministry	of Forest	s						Page:	84	of 93
District:	Resource District null							FDP &	FSP Stocki	ng Standa	ards Report						Date Printed:	2018-07-31 08:4	46:32
Client Number	r: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:			BGC SubZone:														Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, S	tandards Id															File:		
Comments:		Distr	rict Default Ind:																
	MOF		S	pecies	Sto	cking (w/s)				Offsets				Density Po Spacing	ost				
	Default d Ind Name	BEC Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min Mi Pre	n Min F ef Horz Ob	Regen I.	RG	Erl No RG	Lt No Erl RG FG FG	Lt Ht Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops Developm	ent Plan	FSP ID : 66		Ar	nendmen	t: 0				S	tatus: Appi	roved						
Org Unit:	Thompson Rivers Natu	ral Resource Dist	rict																
Client:	TIMBER SALES MANA	GER KAMLOOP	S,																
L												Regime Statu Kamloops TS	is: APP Geogra A	aphic:					
1015358	N ICH dw3 03	ICH dw 3	l FDI(1.0) CW(.8) PW(1.6) PLI(1.6)	SX(.8)	1000	500 40	0 2.0	Y	4			20 150%	10000			2007-0 00:0		IDIR\RJPO WELL	
			1 W(1.0) 1 El(1.0)												۸de	litional Standards No		VVLLL	
													d is for the ICH be put in there			lowever this biogeo is		LTS does not have	them in so the site
												the cruise) of conifers and p these stands follows one of	deciduous vol plant conifers t and by allowin f the objective	ume in a blo to the target of them as a of the Kaml	ock the pres levels or hi acceptable o loops LRMF	at have a large compo scribing forester may ac igher. However it will be only a maximum of 100 P in maintaining natural an approved variation.	dd either Ep and/or e impossible to keep stems/ha will count stand attributes in r	At to acceptable. BC the plantation clear t towards meeting m managed forest stan	TS will manage for of deciduous in inimums. This also ids. If the
												Pw is limited	by the standar	ds set in BC	CTS's FSP.				
												Regime Statu Geographic: I	ıs: APP Kamloops TSA	A, primarily th	he Headwa	ters District			
1015368	N ICH dw3 05	ICH dw 3	I CW(1.0) SX(1.0)	HW(1.0)	1200	700 60	0 2.0	Y	4			20 150%	10000			2007-0 00:0		IDIR\RJPO WELL	
															Ado	litional Standards No	tes		
													d is for the ICH be put in there			lowever this biogeo is		LTS does not have	them in so the site

There are some stands in this biogeo/site series that have a large component of Ep and Act. If there is greater than 10% (based on the cruise) of deciduous volume in a block the prescribing forester may add Ep or Act to acceptable. BCTS will manage for conifers and plant conifers to the target levels or higher. However it will be impossible to keep the

Region:	RTO-Thompson-Okanag DKA-Thompson Rivers N									Minist	ry of Fores	ts						Page:	85	of 93
District:	Resource District null	aturar							FDP &	FSP Stoc	king Stand	ards Repor	t					Date Printed:	2018-07-31 08:	46:32
Client Number	r: All																	User ID:	idir_mtsoi	
Status Code:																		Database:	DBP01	
BGC Zone:			BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Sta	andards Id																File:		
Comments:		Dist	trict Default Ind:																	
	MOF		S	pecies	s	tocking (v	w/s)				Offsets					Density Post				
	Default d Ind Name	BEC Laver	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min	Min Re Iorz Obl.	gen	RG	Erl No RG	Lt No	Erl L FG FG	t Ht Rel to Comp	Max Conf	Min Max	Resid Effective BA Date	Expiry Date	Submitted Bv	Approved
				Acc Spp/Ht						KG	KG	KG				win wax	BA Date	Date	Бÿ	<u>By</u>
FSP:	FSP Name: Kamloops T Developme		FSP ID: 66		4	Amendr	nent: 0						Stat	t us: Ap	proved					
Org Unit:	•		trict																	
Client:	TIMBER SALES MANAG																			
Chefit.	TIMBER SALES MANAG	SER RAMEOOF	З,																	
														of 100 ster natural sta	ns/ha will count t nd attributes in m	owards meeting minin	by allowing them as aconums. This also follows . If the prescribing fores	one of the objective	of the Kamloops LR	
														Regime St Geographi		A, primarily the Headw	aters District			
1015369	N ICH dw3 06/07	ICH dw 3	I CW(1.0) SX(1.0)	HW(1.0) BL(1.0)	1200	700	600	2.0	Y	4			:	20 150%	10000		2007-0)1-01	IDIR\RJPO	
			FDI(1.4)														00:0		WELL	
															ard is for the ICH cannot be put in	ldw3-06 and 07 site se	Iditional Standards No eries. However this biog		SULTS does not ha	ve them in so the
														Regime St	atus: APP	A, primarily the Headw	vaters District			
1016007	N BCTS David Lake ESSF Transitional	ESSF wc 2 01	I BL(.8) SX(.8)		1200	700	600	2.0	Y	7			:	20 125%	10000		2007-0 00:0		IDIR\RJPO WELL	
1016007	N BCTS David Lake ESSF	ESSF wc 2 04	SE(.8) PLI(1.6) I BL(.8) SX(.8)		1200	700	600	2.0	Y	7			:	20 125%	10000		00:0 2007-0		IDIR\RJPO	
	Transitional		SE(.8) PLI(1.6)														00:0		WELL	
1016007	N BCTS David Lake ESSF Transitional	ESSF wc 2 05	I BL(.8) SX(.8) SE(.8) PLI(1.6)		1200	700	600	2.0	Y	7			:	20 125%	10000		2007-0 00:0		IDIR\RJPO WELL	
1016007	N BCTS David Lake ESSF Transitional	ESSF wc 2 06	I BL(.8) SX(.8) SE(.8) PLI(1.6)		1200	700	600	2.0	Y	7			:	20 125%	10000		2007-0 00:0		IDIR\RJPO WELL	
1016007	N BCTS David Lake ESSF Transitional	ESSF wc 2 07	I BL(.8) SX(.8) SE(.8) PLI(1.6)		1200	700	600	2.0	Y	7			:	20 125%	10000		2007-0 00:0		IDIR\RJPO WELL	

 Additional Standards Notes

 This stocking standard is for ESSFwc2 stands in the BCTS David Lake chart area and adjacent areas in TFL 18 where the prescribing forester feels that lodgepole pine should be preferred. The mapped biogeoclimatic line for SBSmm and ESSFwc2 runs right through this area and there are many stands that are transitional and very hard to classify as one or the other. If they were classified as SBS pine would be preferred,

Region:	RTO-Thompson-Okana DKA-Thompson Rivers									Ministry of For	ests							Page:	86	of 93
District:	Resource District null								FDP & I	SP Stocking Star	idards Report							Date Printed:	2018-07-31 08:4	46:32
Client Number	r: All																	User ID:	idir_mtsoi	
Status Code:																		Database:	DBP01	
BGC Zone:		E	3GC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, S	tandards Id																File:		
Comments:		Distric	t Default Ind:																	
	MOF		Spec	ies	St	ocking (v	v/s)			Offse	s			Max	Density Po Spacing	ost				
	Default d Ind Name	BEC Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref Ho	Min Re	gen	Erl No RG RG	Lt No Erl RG FG FG	Lt Ht I	Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: Client:	FSP Name: Kamloops Developme <u>Thompson Rivers Natu</u> TIMBER SALES MANA	ent Plan ral Resource Distric	_		۵ 	.mendr	nent: 0				Si	Th su Re Gi	ne current sta litablity of pir egime Status eographic: D	r of the standa ands are prec ne. Pine is gro s: APP avid Lake	dominantly p owing in the	pine and pin adjacent cl	e chief Forester's reco e is naturally regenera earcuts and doing ver <u>Rejection Note</u> r submission submitter	ting in layers 3 and / well also.	4 (in a mature stand)	indicating the
1016008	N FRPA - Mackenzie David lake, pine leading	ESSF wc 2 01 Crk,	I BL(.8) PLI(1.6) SX(.8)		1200	700	600	2.0	Y	4			125%	10000			2007-0 00:0	1-01	IDIR\RJPO WELL	
1016008	N FRPA - Mackenzie Crk, David lake, pine	ESSF wc 2 04	l BL(.8) PLI(1.6) SX(.8)		1200	700	600	2.0	Y	4		20	125%	10000			2007-0 00:0		IDIR\RJPO WELL	
1016008	leading N FRPA - Mackenzie Crk, David lake, pine	ESSF wc 2 05	I BL(.8) PLI(1.6) SX(.8)		1200	700	600	2.0	Y	4		20	125%	10000			2007-0 00:0		IDIR\RJPO WELL	
1016008	leading N FRPA - Mackenzie Crk, David lake, pine leading	ESSF wc 2 06	I BL(.8) PLI(1.6) SX(.8)		1200	700	600	2.0	Y	4		20	125%	10000			2007-0 00:0		IDIR\RJPO WELL	

Additional Standards Notes This stocking standard is for ESSFwc2 stands in the BCTS David Lake, Mackenzie Creek chart areas and adjacent areas in TFL 18 where the prescribing forester feels that lodgepole pine should be preferred. The mapped biogeoclimatic line for SBSmm and ESSFwc2 runs right through this area and there are many stands that are transitional and very hard to classify as one or the other.

Region:	RTO-Thompson-Okanaga DKA-Thompson Rivers Na									Ministr	y of Forest	s								P	Page:	87	of 93
District:	Resource District null								FDP &	FSP Stock	ing Standa	ards Report	t							D	Date Printed:	2018-07-31 08	46:32
Client Number:	All																			U	Jser ID:	idir_mtsoi	
Status Code:																				D	Database:	DBP01	
BGC Zone:		E	BGC SubZone:																	R	Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Star	ndards Id																		F	ile:		
Comments:		Distric	t Default Ind:																				
	MOF		Spe	cies	St	ocking (w	v/s)				Offsets			-		Max E Sc	Density Po Dacing	ost					
Der Std In ID	fault nd Name	BEC Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref Ho	Min Reg orz Obl.	gen	RG	Erl No RG	Lt No RG	Erl Lt FG FG	Ht Rel to Comp		Max Sonf	Min	Мах	Resid Effecti BA Date	ve	Expiry Date	Submitted By	Approved By
FSP: F	FSP Name: Kamloops TS Developmen		FSP ID: 66		A	mendn	nent: 0						Statu	i s: Ap	proved								
Org Unit:	Thompson Rivers Natura		<u>>t</u>																				
Client:	TIMBER SALES MANAG	ER KAMLOOPS,																					
															re suitable				ese areas consis uality wood. Ther) that ne area of pine beir	ng planted and
														Except for other varia	the 2.0 MI tions appro	TD, this oved in I	standard i BCTS' FSI	is the same ^{>} will apply	as 1002906 that as well.	was appro	oved for BCTS's	FDP but this one i	s for the FSP. All
														Regime St Geographi			Mackenzi	e Creek					
																			Rejection N				
														Reject as o	discussed v	with R. I	Powell. Re	submit 1 an	nendment to the s	stocking st	tandards in this a	area.	
1023683	N ICHmw3	ICH mw 3 01	l FDI(1.4) CW(1.0) SX(1.0)	BL(1.0) PW(2.0) HW(1.0)	1200	700	600	2.0	Y	4			20) 150%	100	000				008-05-28 00:00:	3		
1023683	N ICHmw3	ICH mw 3 04	PLI(2.0) LW(2.0) I FDI(1.4) CW(1.0) SX(1.0)	BL(1.0) PW(2.0) HW(1.0)	1200	700	600	2.0	Y	4			20) 150%	100	000				008-05-28 00:00:	3		
1023683	N ICHmw3	ICH mw 3 05	PLI(2.0) LW(2.0) I FDI(1.4) CW(1.0) SX(1.0)	BL(1.0) PW(2.0)	1200	700	600	2.0	Y	4			20) 150%	100	000				008-05-28 00:00:	3		
			PLI(2.0) LW(2.0)	()														Add	itional Standard				

These standards are for the ICHmw3 blocks, site series 01, 04, & 05. The areas being harvested are Pli leading stands and are

being harvested as Pli beetle salvage areas.

Pli is abundant on these sites preharvest; therefore are proven for these areas, and Pli will be planted. The existing understory is composed of Cw(HwSx). These areas are north aspect.

If Pw is planted, it will be from rust resistant stock and will only be allowed up to 20% of the target stocking. Lw is being included as a preferred species due to it's proven growth

Region: District:	RTO-Thompson-Okana DKA-Thompson Rivers Resource District null								FDP &	Ministry of Stocking		s Report				Page: Date Printed:	88 2018-07-31 08:-	of 93 46:32
Client Number	: All															User ID:	idir_mtsoi	
Status Code:																Database:	DBP01	
BGC Zone:			BGC SubZone:													Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, S	Standards Id														File:		
Comments:		Dist	rict Default Ind:															
	MOF		S	pecies	s	tocking (w/s)			Of	fsets			Max Density Post Spacing				
	Default d Ind Name	BEC Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref H	Min Reg orz Obl.	gen	Eri I RG	No L RG	Lt No Erl Lt Ht Re RG FG FG C	el to Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops Developm	ent Plan	FSP ID: 66		ŀ	Amendı	ment: 1					Status:	In Effe	ect				
Org Unit:	Thompson Rivers Natu	Iral Resource Dist	trict															
Client:	TIMBER SALES MANA	AGER KAMLOOP	'S,															
												pref	formance an	d root disease resistance within	the Headwaters Forest D	istrict.		
													gime Status: jective: Mixeo	APP d Spp Mngt for Pli salvage				
1025627	N ICHmw3 01/05/06	ICH mw 3 01	I PLI(2.0) CW(1.0) FDI(1.4) LW(2.0)	PW(2.0) HW(1.0) BL(1.0)	1200	700	600	2.0	Y	4		20 1	150%	25000	2008-0 00:0			IDIR\HADA MOWI
1025627	N ICHmw3 01/05/06	ICH mw 3 01	SX(1.0) I PLI(2.0) CW(1.0) FDI(1.4) LW(2.0)	PW(2.0) HW(1.0) BL(1.0)	1200	700	600	2.0	Y	4		20 1	150%	25000	2008-0 00:0			IDIR\HADA MOWI
1025627	N ICHmw3 01/05/06	ICH mw 3 05	SX(1.0) I PLI(2.0) CW(1.0) FDI(1.4) LW(2.0)	PW(2.0) HW(1.0) BL(1.0)	1200	700	600	2.0	Y	4		20 1	150%	25000	2008-0 00:0			IDIR\HADA MOWI
1025627	N ICHmw3 01/05/06	ICH mw 3 06	SX(1.0) PLI(2.0) CW(1.0) FDI(1.4) LW(2.0)	PW(2.0) HW(1.0) BL(1.0)	1200	700	600	2.0	Y	4		20 1	150%	25000	2008-0 00:0			IDIR\HADA MOWI
			SX(1.0)									Lw - Reg		erred unless there is less than 2 cept more than 25% of target de APP		vest. Then it will be	acceptable	
1030102	N Pli leading in Mahood lake Area	ICH mw 3 01	CW(1.0) FDI(1.4) PLI(2.0) SX(1.0) PW(2.0)	BL(1.0)	1200	700	600	1.5	Y	4			150%	10000	2009-0 00:0			
1030102	N Pli leading in Mahood lake Area	ICH mw 3 01	I CW(1.0) FDI(1.4) PLI(2.0)	BL(1.0)	1200	700	600	1.5	Y	4		20 1	150%	10000	2009-0 00:0			
1030102	N Pli leading in Mahood lake Area	ICH mw 3 04	SX(1.0) PW(2.0) CW(1.0) FDI(1.4) PLI(2.0) SX(1.0) PW(2.0)	BL(1.0)	1200	700	600	1.5	Y	4		20 1	150%	10000	2009-0 00:0			

Region:	RTO-Thompson-Okanagan Natural	Ministry of Forests Page	э:	89 of 93
District:	DKA-Thompson Rivers Natural Resource District null	FDP & FSP Stocking Standards Report Date	e Printed:	2018-07-31 08:46:32
Client Number:	All	User	r ID:	idir_mtsoi
Status Code:		Datal	ibase:	DBP01
BGC Zone:	BGC SubZ	e: Repo	ort ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id	File:	:	
Comments:	District Default I			

	MOF Default		S	pecies	St	ocking (v	//s)				Offsets			_	_		Density Po pacing	st				
1D	Std Ind Name	BEC Layer	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref Ho	Min Reg orz Obl.	jen	RG	Erl No RG	Lt No RG	Erl Lt FG FG	Ht Rel to Com		Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: <u>⊺</u>	FSP Name: Kamloops TSA For Development F hompson Rivers Natural Resource D	Plan	FSP ID : 66		А	mendmer	nt: 8						Status	:	In Effect							
Client:	TIMBER SALES MANAGER KA	AMLOOPS,																				
1030102	N Pli leading in Mahood lake Area	ICH mw 3 05	I CW(1.0) FDI(1.4) PLI(2.0)	BL(1.0)	1200	700	600	1.5	Y	4			20	0 150'	%	10000			2009-06-1 00:00:	2		
1030102	N Pli leading in Mahood lake Area	ICH mw 3 06	SX(1.0) PW(2.0) CW(1.0) FDI(1.4) PLI(2.0)	BL(1.0)	1200	700	600	1.5	Y	4			20	0 150'	%	10000			2009-06-1 00:00:	2		
1030102	N Pli leading in Mahood lake Area	ICH mw 3 07	SX(1.0) PW(2.0) I CW(1.0) FDI(1.4) PLI(2.0) SX(1.0) PW(2.0)	BL(1.0)	1200	700	600	1.5	Y	4			20	0 150	%	10000			2009-06-1 00:00:	2		
														tool tha rocky s is abun stock. F the ICH	at will be u coils or ser idant on th Pw will on Hmw3. e Status: A	ised for root nsitive soils. nese sites p	disease ma 1.5 MITD s reharvest a d up to 20%	s that have anagement spacing is ro nd therefore	litional Standards Notes very low levels of armillar . Stumping is not an option equired for rocky sites tha e proven for this area. If w stocking. This area is north	n in the majority o t have limited mic estern white pine	f this area because rosites and areas the is planted, we will u	of steep slopes, at are stumped. Pli se rust resistant
1032575	N BCTS Kamloops and ESS Clearwater FSP	SF mm 1 01	I BL(.8) SE(.8) PLI(1.6)		1200	700	600	2.0	Y	4			20	0 125	%				2010-03-0 00:00:	3		
1032575	N BCTS Kamloops and ESS FSP	SF mm 1 04 Clearwater	I BL(.8) SE(.8) PLI(1.6)		1200	700	600	2.0	Y	4			20	0 125	%				2010-03-0 00:00:	3		
1032575	N BCTS Kamloops and ESS FSP	SF mm 1 05 Clearwater	^I BL(.8) SE(.8) PLI(1.6)		1200	700	600	2.0	Y	4			20	0 125	%				2010-03-0 00:00:	3		

Additional Standards Notes MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years. This stocking standard may be utilized when Pli overstory is greater than 50% of the mature timber.

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Ministry of Fo	rests							Page:	90) of 93
District:	Resource District null							FDP &	FSP Stocking Sta	andards Repor	rt						Date Printed:	2018-07-31 08	:46:32
Client Number	r: All																User ID:	idir_mtsoi	
Status Code:																	Database:	DBP01	
BGC Zone:		BGC SubZone:															Report ID:	RSLTCore07	
Group By:	FSP, Org Unit, Client, Standards Id																File:		
Comments:		District Default Ind:																	
	MOF Default	Sp	ecies		Stocking	(w/s)			Offs	ets				Max Densit Spacing		_			
	d Ind	aver Pref SPP/Ht	Acc Spp/Ht	Targ St	Min tck	Min Pref	Min Re Horz Obl.	egen	Erl No RG R		Erl L FG FG	Lt Ht Rel to Com		Max onf Mi	n Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID: 66			Amend	Iment: 9)				Stat	tus:	Approved						
Org Unit:		District																	
Client:	TIMBER SALES MANAGER KAMLO	OPS,																	
4020570	N DOTO Kompany and JOU mm 04												gime Status: A aphic: Stocking		over BCTS FSF	P in DKA and DHW			
1032576	N BCTS Kamloops and ICH mm 01 Clearwater FSP	I FDI(1.4) PLI(2.0) SX(1.0) CW(1.0)	HW(1.0) PW(1.0)	1200	700	600	2.0	Y	4		2	20 150)%			2010 00:0	0-03-08 0:		
		BL(1.0)														Iditional Standards No			
												PW rus 1.5m if natural	st resistant sto f the site plan h	ck may be pre has identified a when it can be	eferred to a ma site specific crit	isk of heavy browsing b x of 50% of preferred a teria as listed in the FS ax. of 7 years. This sto	nd acceptable well-s P. Regen delay will b	paced stems. MITE be 4 years unless s) may be reduced to te plan identifies
													ie Status: APP aphic: Stocking		over BCTS FSF	P in DKA and DHW			
1032577	N BCTS Kamloops and ICH mm 05 Clearwater FSP	l CW(1.0) HW(1.0) SX(1.0) FDI(1.4) PLI(2.0)	BL(1.0) PW(2.0)	1200	700	600	2.0	Y	4		2	20 150)%			2010 00:0	0-03-08 0:		
												(FDI32 preferre PW rus	2); FDI-limited red; (PW31); P st resistant sto	by growing-se W-risk of whi ck may be pre	eason frosts; (H eason frosts; (E te pine blister r eferred to a ma	Iditional Standards No HW32); HW-limited by 3L29); BL-risk of heavy rust x of 50% of preferred a burg as listed in the ES	growing-season fros v browsing by moose and acceptable well-s	; (PLI1) ; PLI-eleva	ed microsites are on may be reduced to

PW rust resistant stock may be preferred to a max of 50% of preferred and acceptable well-spaced stems. MI ID may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years. This stocking standard may be utilized when Pli overstory is greater than 50% of the mature timber

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural								Minist	y of Fores	ts			Page:	91 of 93
District:	Resource District null							FDP &	FSP Stoc	king Stand	lards Report			Date Printed:	2018-07-31 08:46:32
Client Number	r: All													User ID:	idir_mtsoi
Status Code:														Database:	DBP01
BGC Zone:		BGC SubZone:												Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id													File:	
Comments:		District Default Ind:													
	MOF		Species	s	itocking (w/s)				Offsets		Max Density Post Spacing			
	Default d Ind <u>Name BEC</u>	Layer Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref H	Min Reg lorz Obl.	gen	RG	Erl No RG	Lt No Erl Lt Ht Rel to RG FG FG Comp	Max Conf Min Max	Resid Effective BA Date	Expiry Date	Submitted Approved By By
FSP:	FSP Name: Kamloops TSA Fores Development Plan	et FSP ID: 66			Amend	ment: 9					Status: App	proved			
Org Unit:	•	ce District													
Client:	TIMBER SALES MANAGER KAN	ILOOPS,													
											Regime State Geographic:	us: APP Stocking standards cover BCTS FS	P in DKA and DHW		
1032578	N BCTS Kamloops and SBS dh 1 04	I FDI(1.4) PLI(2.0)	BL(1.0) AT(2.0)	1200	700	600	2.0	Y	4		20 150%		2010-		
	Clearwater FSP	SX(1.0)	EP(2.0)										00:1		
											MITD may be	-limited by moisture deficit e reduced to 1.5m if the site plan has lan identifies natural regeneration whether the second second second second second second second second second second second br>second second br>second second se		criteria as listed in the	e FSP. Regen delay will be 4 years eept up to 20% of the total stocking in
											Regime State Geographic:	us: APP Stocking standards cover BCTS FS	P in DKA and DHW		
1033186	N ESSFwc2 - with pli ESSF wc	2 01 I PLI(1.6) SX(.8) BL(.8)		1200	700	600	2.0	Y	4		20	10000	2010- 00:1		
1033186	N ESSFwc2 - with pli as ESSF wc			1200	700	600	2.0	Y	4		20	10000	2010-I 00:I		
1033186	N ESSFwc2 - with pli as ESSF wc preferred			1200	700	600	2.0	Y	4		20	10000	2010-I 00:I		
1033186	N ESSFwc2 - with pli as ESSF wc preferred			1200	700	600	2.0	Y	4		20	10000	2010-0 00:1		
												Ac	ditional Standards N	otes	
												le Pine must make up at least 25% o ation is less than 1500m.	f the preharvest stand.		
											Regime State Objective: Re	us: APP eforestation/Timber			
1048531	N BCTS Kamloops and IDF dk 1 03 Clearwater FSP	1 FDI() PLI()	PY()	300	150	150		Y	4		20		2015-	12-03):00:	
1048531	N BCTS Kamloops and IDF dk 1 03 Clea FSP	rwater 2 FDI() PLI()	PY()	400	200	200	2.0	Y	4		20		2015-		

Region:	RTO-Thompson-Okanagan Natural		Ministry of Forests	Page:	92 of 93
District:	DKA-Thompson Rivers Natural Resource District null		FDP & FSP Stocking Standards Report	Date Printed:	2018-07-31 08:46:32
Client Number:	All			User ID:	idir_mtsoi
Status Code:				Database:	DBP01
BGC Zone:		BGC SubZone:		Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id			File:	

Comments:	

District Default Ind:

	MOF	Sp	ecies	St	ocking (v	v/s)				Offsets						Max Der Spac		st				
	Default td Ind <u>BEC Layer</u>	Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref He	Min Reg orz Obl.	jen	RG	Erl No RG	Lt No RG	Erl FG F		It Rel to Comp		lax	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP: Org Unit: <u>Th</u>	FSP Name: Kamloops TSA Forest Development Plan ompson Rivers Natural Resource District	FSP ID: 66		A	mendmer	nt: 18						5	Status:	Арр	roved							
Client:	TIMBER SALES MANAGER KAMLOOPS,																					
1048531	N BCTS Kamloops and IDF dk 1 03 Clearwater FSP	3 FDI() PLI()	PY()	500	300	300	2.0	Y	4				20	125%					2015-12-0 00:00:	3		
1048531	N BCTS Kamloops and IDF dk 1 03 Clearwater FSP	4 FDI(.8) PLI(1.0)	PY(.6)	600	400	400	2.0	Y	4				20	125%					2015-12-0 00:00:	3		
													t	trial use MITD may b	pe reduced	d to 1.5m	if the site	s; (PY14) ; plan has i	itional Standards Notes PY-restricted to lower el dentified site specific crite n it can be set up to a ma	evations of biogeo		
														Regime Sta Objective: n								
1048532	N BCTS Kamloops and IDF dk 1 04 Clearwater FSP	1 FDI() PLI()	PY() SX()	400	200	200		Y	4				20						2015-12-0 00:00:			
1048532	N BCTS Kamloops and IDF dk 1 04 Clearwater FSP	2 FDI() PLI()	PY() SX()	600	300	250	2.0	Y	4				20						2015-12-0 00:00:			
1048532	N BCTS Kamloops and IDF dk 1 04 Clearwater FSP	3 FDI() PLI()	PY() SX()	800	400	300	2.0	Y	4				20	125%					2015-12-0 00:00:			
1048532	N BCTS Kamloops and IDF dk 1 04 Clearwater FSP	4 FDI(.8) PLI(1.0)	PY(.6) SX(.6)	1000	500	400	2.0	Y	4				20	125%					2015-12-0 00:00:			

Additional Standards Notes (PY9) ; PY-restricted to southerly aspects; (PY14) ; PY-restricted to lower elevations of biogeoclimatic unit; (SX10) ; SX-restricted to northerly aspects; (SX13) ; SX-restricted to upper elevations of biogeoclimatic unit MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Regime Status: APP Objective: multi-story

Region:	RTO-Thompson-Okanagan Natural DKA-Thompson Rivers Natural		Ministry of Forests	Page:	93 of 93
District:	Resource District null		FDP & FSP Stocking Standards Report	Date Printed:	2018-07-31 08:46:32
Client Number:	All			User ID:	idir_mtsoi
Status Code:				Database:	DBP01
BGC Zone:		BGC SubZone:		Report ID:	RSLTCore07
Group By:	FSP, Org Unit, Client, Standards Id			File:	

Comments:

District Default Ind:

	MOF Default		Species	St	tocking (v	v/s)				Offsets	i					Density Pop pacing	st				
s ID	itd Ind	r Pref SPP/Ht	Acc Spp/Ht	Targ Stck	Min	Min Pref H	Min Reg orz Obl.	gen	RG	Erl No RG	Lt No RG	Erl FG FG	Lt Ht R	Rel to Comp	Max Conf	Min	Max	Resid Effective BA Date	Expiry Date	Submitted By	Approved By
FSP:	FSP Name: Kamloops TSA Forest Development Plan	FSP ID : 66		A	mendmer	nt: 18						State	us:	Approv	red						
Org Unit: <u>Th</u>	nompson Rivers Natural Resource District																				
Client:	TIMBER SALES MANAGER KAMLOOPS,																				
1048533	N BCTS Kamloops and IDF xh 2 01 Clearwater FSP	1 FDI() PY()		400	200	200		Y	4				20					2015-12-0 00:00:	3		
1048533	N BCTS Kamloops and IDF xh 2 01 Clearwater FSP	2 FDI() PY()		600	300	250	2.0	Y	4				20					2015-12-0 00:00:	3		
1048533	N BCTS Kamloops and IDF xh 2 01 Clearwater FSP	3 FDI() PY()		800	400	300	2.0	Y	4				20	125%				2015-12-0 00:00:	3		
1048533	N BCTS Kamloops and IDF xh 2 01 Clearwater FSP	4 FDI(.6) PY(.6)		1000	500	400	2.0	Y	4				20	125%				2015-12-0 00:00:	3		

Additional Standards Notes (FDI27) ; FDI-partial canopy cover required for successful establishment MITD may be reduced to 1.5m if the site plan has identified site specific criteria as listed in the FSP. Regen delay will be 4 years unless site plan identifies natural regeneration when it can be set up to a max. of 7 years.

Regime Status: APP Objective: Multi-story

End of Report

B.3. Uneven Aged Stocking Standards

Table 11: Uneven Aged Stocking Standards

Target from	Layer**	Sto	ocking**	
Table A standards		TSSpa	MSSpa	MSS p
(stems/ha)		(well-	spaced/h	a)
1200	1	600	300	250
	2	800	400	300
	3	1000	500	400
	4	1200	700	600
1000	1	400	200	200
	2	600	300	250
	3	800	400	300
	4	1000	500	400
600	1	300	150	150
	2	400	200	200
	3	500	300	300
	4	600	400	400
400	1	200	100	100
	2	300	125	125
	3	300	150	150
	4	400	200	200

* Maximum regeneration delay is seven years. Regeneration delay can be met immediately following harvest if the residual stand has no significant damage or pest problems and meets minimum stocking standards. If regeneration is achieved immediately following harvest, earliest free growing date is 12 months after completion of harvest and the latest date is 24 months after completion of harvest.

** Stand L	ayer De	efinition
------------	---------	-----------

Layer 1	Mature	trees >= 12.5 cm dbh
Layer 2	Pole	trees 7.5 cm to 12.4 cm dbh
Layer 3	Sapling	trees >= 1.3 m height to 7.4 cm dbh
Layer 4	Regeneration	trees < 1.3 m height
-	Ū	Ŭ

*** pa - preferred and acceptable species p - preferred species

Preferred and acceptable species and "Target from Table A standards' are as specified in Table A by biogeoclimatic ecosystem classification (BEC) site series.

B.4. Mixed Wood and Broadleaf Stocking Standards

Table 12: Mixed Wood and Broadleaf Stocking Standards

TSS from Table A	X	Stoc	king**		
Standards (even aged)	arb30655655	MSSpa	MSSp	MSSc	
(stems/ha)		(well-sp	aced/ha)		
1200	1600	1000	800	600	
1000	1200	700	600	400	
600	800	500	400	400	
400	400	200	200	200	

** pa - preferred and acceptable species; p - preferred species; c - conifers

Preferred and acceptable species and "Target from Table A standards' are as specified in Table A by biogeoclimatic ecosystem classification (BEC) site series.

Broadleaf Stocking Standards								
1007 STU 1000000 MC 000000 1			상황 것의 가장	2000	% Tree over Brush			
(well-spa	aced stem	s/ha)			offension -			
2000	1200	1000	4	12	2.0	150		
1200	1000	800	4	12	2.0	150		
1000	500	400	4	12	2.0	150		
600	400	400	4	12	2.0	150		
	Sto Target pa (well-spo 2000 1200 1000	Stocking** Target pa MIN pa (well-spaced stem 2000 1200 1200 1000 1000 500	Stocking** Target pa MIN pa MIN p (well-spaced stems/ha) 1000 1000 2000 1200 1000 1200 1000 800 1000 500 400	Stocking** Target pa MIN pa MIN p MIN p Max (yrs) (well-spaced stems/ha)	Stocking** Regen Date Max (yrs) Late Max (yrs) Target pa MIN pa MIN p (well-spaced stems/ha)	Stocking** Regen Date Max (yrs) Late Max (yrs) FG Max (yrs) MITD (m) (well-spaced stems/ha) 1000 4 12 2.0 2000 1200 1000 4 12 2.0 1200 1000 800 4 12 2.0 1200 1000 800 4 12 2.0 1000 500 400 4 12 2.0		

B.5. Footnotes for Stocking Standards

Table 13: Footnotes for Stocking Standard Tables

Footnote #	Footnote	Footnote #	Footnote
1	elevated microsites are preferred		
2	suitable on thick forest floors	47	risk of balsam wooly adelgid
3	restricted to coarse-textured soils	48	risk of heavy browsing by deer
4	restricted to medium-textured soils	49	applies only to rust resistant, planted stock.
5	footnote retired	50	restricted to sites where the species occurs as a
6	restricted to nutrient-very-poor sites		major species in a pre-harvest, natural stand
7	restricted to nutrient-medium sites	51	restricted to areas with proven PI performance
8	restricted to steep slopes	52	restricted to sheltered microsites with deep soil
9	restricted to southerly aspects	53	minor component
10	restricted to northerly aspects	54	risk of unsuccessful release of advance regeneration
11	restricted to crest slope positions	55	acceptable in sx-sm portion of site series
12	suitable on cold air drainage sites		
13	restricted to upper elevations of biogeoclimatic unit		
14	restricted to lower elevations of biogeoclimatic unit	#	Localized Footnotes
15	restricted to northern portion of biogeoclimatic unit in region	57	Pw rust-resistant stock may be preferred to
16	restricted to southern portion of biogeoclimatic unit in region		a max 50% of preferred and acceptable well-spaced stems.
17	restricted to western portion of biogeoclimatic unit in region		
18	restricted to eastern portion of biogeoclimatic unit in region		
		59	Kamloops Forest District - species is acceptable in Kamloops Forest District only.
		60	Kamloops Forest District - species is preferred in Kamloops Forest District only.
		61	Headwaters Forest District - species is acceptable in Headwaters Forest District only.
11020128		62	Headwaters Forest District - species is preferred in Headwaters Forest District only.
23	restricted to trial use	63	Species is restricted to upper elevations when used in the southern portion
24	suitable (as a major species) in wetter portion of		of the biogeoclimatic unit.
	biogeoclimatic unit	64	Lw Restricted to East of North Thompson River and South of 51° 30' Latitude and to a
			maximum of 25% of TSSpa
1000000		65	Lw Restricted to a maximum of 25% of TSSpa
27	partial canopy cover required for successful establishment		
28	limited by moisture deficit		
29	risk of heavy browsing by moose		
30	risk of porcupine damage		
31 32	risk of white pine blister rust		
	limited by growing-season frosts		
33	footnote retired and replaced with footnote 'a'		
34 35	risk of snow damage risk of weevil damage		
35	risk of weevil damage		
37	risk of heart rots		
38	footnote retired		
39	avoid exposed and windy sites		
40	risk of redheart		
41	limited by poorly drained soils		
42	restricted to fresh soil moisture regimes		

B.6. Partial Cutting Stocking Standards

The following proposed approach to defining and assessing stocking success in partial cut standards units apply

to even-aged silvicultural systems that have retained a minimum of five (5) m²/ha of residual basal area. Recommended stocking decisions are based on management objectives that are focused toward the production of sawlog timber. Bancroft *et. al.* (2003) and Martin (2004) have completed the initial work associated with the "Deviation From Potential" approach to assessing stocking in complex partially cut stand structures; their work has been incorporated into this proposed approach for Kamloops BCTS – Thompson Rivers District.

It is important to note that some of the residual structures that would be accepted using this approach for stocking assessment are below stocking levels that would promote optimal growth where sawlog timber production is the dominant management objective. In many cases, they are intermediate cuts in a silvicultural system. These structures will result in growth losses, relative to TSR expectations, if they are retained for extended periods (Przeczek 2002). Non-timber values that require a partial cutting treatment to achieve short term management objectives (0 - 20 years) will result in stand structures that are appropriate for the use of these standards. The expectation in these standards units is that additional harvesting with follow-up regeneration treatments will be required in the 20 - 30 year period if base case TSR volume assumptions are to be attained. If additional harvesting that will promote close to optimal sawlog growth rates does not occur, TSR base case assumptions will need modification. Where non-timber management objectives require the long-term retention of residual structures

that are below the minimum stocking line(s) in Figure 2, unique standards will be submitted to the District Manager for approval through a **FSP** amendment.

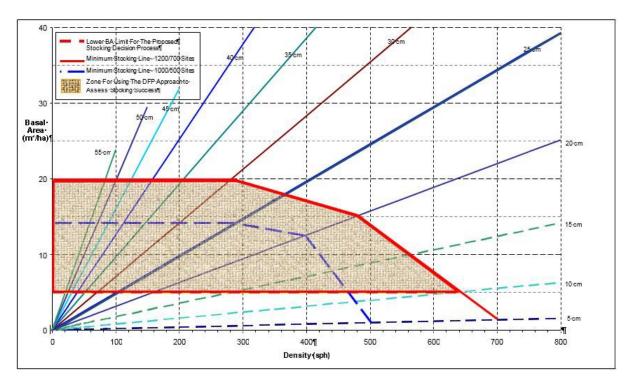


Figure 2: Stocking zone, lower basal area limit, minimum stocking line, and isolines of average stand diameter for assessing partial cut stands in Kamloops BCTS – Thompson Rivers District.

B.6.1. Assessment Procedures

Plot assessments will be conducted as per standard even-aged regeneration and free-growing assessments with the following change:

Layer 1 stems (\geq *12.5 cm dbh):* Tally stems by species and diameter class (5 or 10 cm classes are appropriate) using an appropriate prism. Initial indications suggest that a 3 - 5 BAF prism will provide reasonable data for most sites. Tally dead and moribund trees as separate classes (species) but do not include them in basal area summaries for the stand. It will also be necessary to tally acceptable and unacceptable layer 1 stems separately because the minimum stocking line decision is based on acceptable layer 1 stems and the DFP stocking decision requires \geq 80% of the layer 1 stems to be of acceptable quality; the deviation from potential (DFP) calculation for each plot is based on all layer 1 stems (except for dead and moribund). The more intensive tally of BA will assist with the determination of DFP until surveyors and practitioners become familiar with the system. It will also help with the preparation of more detailed treatment prescriptions where additional overstory manipulation will be required (e.g., harvesting).

Data Compilation: In addition to standard regeneration survey summary information, the following are required:

- 1. For the minimum stocking line, compute basal area, density, and mean diameter of live acceptable L1 trees.
- 2. Basal area (m²) and well-spaced sph for each plot will be compared to Table 9 and the DFP will be recorded. The mean DFP will be calculated for each stratum along with the proportion (%) of stocked,

partially stocked and open plots⁷⁰⁵⁸; and,

3. A stand table (m²/ha) could be prepared for each stratum to assist with decision making but it is not a survey requirement at this time.

B.6.2. Decision Rules

Stocking decisions will be based on the flow chart provided in Figure 3. Figure 2 should be consulted when assessing stocking in these partially cut stands. It uses density (sph), basal area (m²/ha), and isolines of average stand diameter (after Gingrich 1967) as the basis for displaying:

- 4. Minimum Stocking Line: This line represents the lowest residual stocking level of acceptable layer 1 stems (≥12.5 cm dbh) that will be considered stocked. If average stocking in a standards unit meets or exceeds the minimum stocking line the SU will be considered SR or FG (if all other species selection, health, size, and damage criteria are met). Two minimum stocking lines are presented; one for sites with 700/1200 even-aged stocking standards and one for sites with 500/1000 even-aged stocking standards. The deviation from potential stocking (DFP) should also be assessed to ensure that the majority of the standards unit is acceptably stocked (≥60% of the area as determined by the percent of plots).
- 5. Lower Basal Area Limit: This line defines the lowest average residual basal area, including all layer 1 stems, (<5 m²/ha) that a standards unit is allowed for the application of this approach to stocking assessment. Standards units with residual basal areas < 5 m²/ha should be assessed with current evenaged stocking standards.</p>
- Deviation From Potential Stocking Zone: This area of the diagram represents the range of residual stand structures that will require the application of the DFP approach to assessing stocking and free-growing status.

⁷⁰ the percent of plots calculation is a surrogate for the percent of area. If the proportion or distribution of plots does not reflect the area for each DFP stocking class the calculation will be incorrect and another approach to estimating proportional area will have to be documented and applied.

Table 14: Deviation from potential (DFP) volume by understory tree density and overstory basal area.

OS Basal Area				Well-sp	aced tree	s in plot				
(m2/ha)	0	1	2	3	4	5	6	7	8	
0	1.00	0.76	0.52	0.34	0.22	0.13	0.07	0.03	0.00	
1	0.98	0.74	0.51	0.34	0.21	0.13	0.07	0.03	0.00	
2	0.96	0.73	0.50	0.33	0.21	0.13	0.07	0.03	0.00	
3	0.93	0.71	0.49	0.32	0.20	0.12	0.07	0.03	0.00	Color
4	0.90	0.68	0.47	0.31	0.20	0.12	0.06	0.03	0.00	Stocking Class Growth Potential Opportunity
5	0.86	0.65	0.45	0.30	0.19	0.11	0.06	0.02	0.00	
6	0.82	0.62	0.43	0.28	0.18	0.11	0.06	0.02	0.00	
7	0.77	0.58	0.40	0.27	0.17	0.10	0.05	0.02	0.00	Open High potential for additional volume growth
8	0.72	0.55	0.38	0.25	0.16	0.09	0.05	0.02	0.00	41% Additional stocking is required where
9	0.67	0.51	0.35	0.23	0.15	0.09	0.05	0.02	0.00	timber production is the primary management
10	0.62	0.47	0.32	0.21	0.14	0.08	0.04	0.02	0.00	objective
11	0.57	0.43	0.30	0.20	0.12	0.07	0.04	0.02	0.00	
12	0.52	0.39	0.27	0.18	0.11	0.07	0.04	0.01	0.00	Partially Stocked
13	0.47	0.35	0.24	0.16	0.10	0.06	0.03	0.01	0.00	Moderate potential for additional volume
14	0.42	0.32	0.22	0.15	0.09	0.05	0.03	0.01	0.00	production through additional stocking
15	0.38	0.28	0.20	0.13	0.08	0.05	0.03	0.01	0.00	21 – 40% Assess options, additional stocking may be required
16	0.33	0.25	0.17	0.11	0.07	0.04	0.02	0.01	0.00	berequired
17	0.29	0.22	0.15	0.10	0.06	0.04	0.02	0.01	0.00	
18	0.26	0.19	0.13	0.09	0.06	0.03	0.02	0.01	0.00	Stocked
19	0.22	0.17	0.12	0.08	0.05	0.03	0.02	0.01	0.00	Low potential for additional growth through additional stocking
20	0.19	0.14	0.10	0.07	0.04	0.02	0.01	0.01	0.00	20% No further treatments required
21	0.16	0.12	0.08	0.06	0.04	0.02	0.01	0.00	0.00	
22	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.00	0.00	
23	0.11	0.08	0.06	0.04	0.02	0.01	0.01	0.00	0.00	
24	0.09	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00	
25	0.07	0.05	0.04	0.02	0.02	0.01	0.00	0.00	0.00	
26	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	
27	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00	
28	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	
29	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

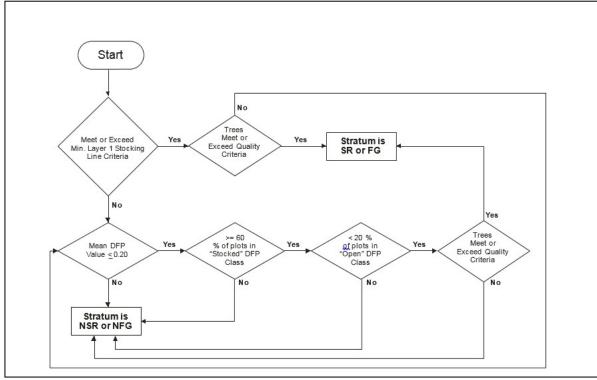


Figure 3: Stocking decision flowchart.

Many of these stands will have clumped, irregular stocking patterns and the amount of overstory will limit the potential for augmenting stocking through planting. All NSR openings 1.0 ha, that are not under significant overstory influence, will be reforested.

There may be a limited biological or financial opportunity to increase stocking in some partially cut stands that do not meet the stocking criteria. However, these strata cannot be declared stocked or free-growing; additional harvesting treatments may be required before stocking levels in layer 4 can be augmented.

B.6.3. Proposed Standards

Minimum Stocking Line, Deviation From Potential, and General Criteria

Table 13 and Table 14 provide a set of proposed standards for partial-cutting in Kamloops BCTS – Thompson Rivers District. The standards should be applied to partially cut standards units that were not prescribed for single-tree silvicultural systems, NDT4 ecosystem restoration (open forest or open range), beetle-proofing in lodgepole pine dominated stands, or where management objectives require long term overstory retention and where a reduction in yield is acceptable. These standards should be viewed as a First Approximation and they will be revised as more experience is gained with the system and as better information becomes available.

 Table 15: Proposed minimum partial-cutting stocking standards for site series with 700/1200 even-aged stocking standards, for

 Kamloops BCTS – Thompson Rivers District.

Minim	um Stockir Criteria	ng Line	Deviation from Potential (DFP) Criteria			General Criteria					
Average DBH (cm) ¹	MSS Density (sph)	MSS Basal Area (m²/ha)	Maximum Mean DFP	Maximum Percent Partially Stocked Plots	Maximum Percent Open Plots	Min. Intertree Distance ²	Regen. Delay (max. yrs.) ³	FG Earliest (yrs.) ³	FG Latest (yrs.) ³		
< 12.5											
15	560	10									
20	480	15									
25	360	17									
30	280	20	0.20	40	20	n/a + 2.0	1	1	2		
35	210	20									
40	180	20									
45	150	20									
50 - 60	100	20									

Notes:

7. Calculation is based on stems 12.5 cm dbh; Average DBH is the weighted average for all acceptable stems.

No minimum intertree will be applied to layer 1 stems; a 2.0 minimum intertree distance will apply to layer 2, 3, and 4 stems.
 Timeframes only apply where a stratum is declared SR or FG using the minimum stocking line and were chosen to allow up to 2 years for assessing windthrow damage prior to a free-growing declaration. If the minimum stocking line is not used, time frames will default to even-aged regeneration delay and free- growing delay periods.

Table 16: Proposed minimum partial-cutting stocking standards for site series with 500/1000 even-aged stocking standards, for the Kamloops BCTS – Thompson Rivers District.

Minim	um Stockir Criteria	ng Line	Deviatio	n from Potenti Criteria	General Criteria				
Average DBH (cm) ¹	MSS Density (sph)	MSS Basal Area (m²/ha)	Maximum Mean DFP	Maximum Percent Partially Stocked Plots	Maximum Percent Open Plots	Min. Intertree Distance ²	Regen. Delay (max. yrs.) ³	FG Earliest (yrs.) ³	FG Latest (yrs.) ³
< 12.5									
15	440	8			20	n/a + 2.0	1	1	2
20	400	12.5							
25	290	14	0.20	40					
30	200	14	0.20	40	20				
35	150	14							
40	110	14							
45+	90	14							
Notes:									

(a)

(b)

(c)

Calculation is based on stems 12.5 cm dbhob; Average DBH is the weighted average for all acceptable stems.

No minimum intertree will be applied to layer 1 stems; a 2.0 minimum intertree distance will apply to layer 2, 3, and 4 stems. Timeframes only apply where a stratum is declared SR or FG using the minimum stocking line and were chosen to allow up to 2 years for assessing windthrow damage prior to a free-growing declaration. If the minimum stocking line is not used, time frames will default to even-aged regeneration delay and free- growing delay periods.

Tree Acceptability Criteria

Table 17: provides a summary of the standards for tree acceptability for regeneration and free- growing assessments.

Tree Acceptability Criteria	Regeneration Assessment	Free-growing Assessment
Species	All layer 1 stems will be considered as preferred species. Preferred and acceptable species for the site as per current even-aged stocking standards for other layers.	All layer 1 stems will be considered as preferred species. Preferred and acceptable species for the site as per current even-aged stocking standards for other layers.
MSSp	Preferred species 50% of the well- spaced stocking	Preferred species 50% of the free-growing stocking
Health	Healthy	As per free-growing damage criteria (ETFG Guidebook, Appendix 5) and the Tree Wounding Guidebook. In stands that do not meet or exceed the minimum stocking line, ≥ 80% of the TOTAL Layer 1 stems must be of acceptable quality.
Brush		Appropriate conifer/brush ratio (ETFG Guidebook, Appendix 9)
Height	Min. 30 cm	70% of the minimum free- growing height for the species and site
Advanced Regeneration		Advanced regeneration standards (ETFG Guidebook, Appendix 10)
Minimum Intertree Distance	2.0 m, no MITD for layer 1 stems	2.0 m, no MITD for layer 1 stems

B.7. References (for Stocking Standards)

- Bancroft, Bryce, Ken Day, Pat Martin, Kim Peel and Ken Zielke. 2003. *Partially Cut: Occupied or Not? What are my options? A proposed survey approach.* . Unpubl. FIA Rep. for Lignum Limited.
- B.C. Ministry of Forests. 2000. *Establishment to free growing guidebook*. Nelson Forest Region. Rev. ed., Version 2.2. For. Prac. Br., B.C. Min. For., Victoria, B.C. Forest Practices Code of British Columbia Guidebook.
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