



District of Tumbler Ridge

Forest Stewardship Plan

March 2012

Tumbler Ridge Community Forest - Forest Stewardship Plan
Dawson Creek Timber Supply Area

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1.0 INTRODUCTION

This Forest Stewardship Plan (FSP) has been prepared for the District of Tumbler Ridge. The District of Tumbler Ridge was awarded a Community Forest Agreement beginning January 1, 2011 for a term of 25 years. This application for a Forest Stewardship Plan is produced for Community Forest Agreement K20. The License agreement grants the District of Tumbler Ridge exclusive rights to harvest crown timber from approximately 19,809 ha surrounding the community of Tumbler Ridge.

The broader objectives of the community forest are ecological sustainability, economic development and social benefits to the community. Although the Community Forest will be managed for a multitude of resource values, the production of timber will be the prime management focus and source of revenue.

This FSP is located entirely within the Dawson Creek Timber Supply Area.

2.0 INTERPRETATION

2.1 Definitions for Acronyms used in this FSP

In this FSP:

“Commencement Date” means the date the term of this FSP begins, as specified in Section 3.3 of this FSP

“Cutblock” means an area where authorized timber harvesting operations will occur (i.e. Cutting Permit)

“DCLRMP” means Dawson Creek Land and Resource Management Plan

“FDU” means the forest development unit under this FSP

“FPC” means the *Forest Practices Code of British Columbia Act* RSBC 1996, c. 159

“FPPR” means the *Forest Planning and Practices Regulation*, B.C Reg. 14/2004

“FRPA” means the *Forest and Range Practices Act*, SBC 2002, c. 69

“FSP” means this Forest Stewardship Plan

“Harvest Unit” means a contiguous area where timber harvesting operations including wildlife tree retention areas will apply and is comprised of one or more cutblocks (i.e. Cutting Permit) integral to the harvest unit.

“Holder of this FSP” means the District of Tumbler Ridge

“OGMA” means established Old Growth Management Area

“Submission Date” means the date specified in Section 3.1 of this FSP

“Term” means the period specified in Section 3.2 of this FSP

“TRCF” means Tumbler Ridge Community Forest

“DCTSA” means the Dawson Creek Timber Supply Area

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“WTP” means wildlife tree patch or wildlife tree retention area

2.2 Tenses

In this FSP, the singular includes the plural and the plural includes the singular, unless the context indicates otherwise.

2.3 Definitions under Acts and Regulations

Unless otherwise explicitly indicated, or indicated by context, terms used in this FSP have their meaning defined in the FRPA, *Forest Act* and their respective Regulations.

2.4 Objective Cancelled

If an established objective for which a result or strategy is included under this FSP is cancelled, the result or strategy under this FSP pertaining to that objective is no longer applicable, effective on the date of cancellation of the objective.

3.0 SUBMISSION DATE, COMMENCEMENT DATE AND TERM OF THIS FSP

3.1 Date of Submission

The date of submission of this FSP is March 26, 2012

3.2 Term of this FSP

The Term of the FSP is five (5) years from the date of commencement. All results and strategies within this FSP are for the term of this FSP.

3.3 Commencement Date of this FSP.

The commencement date of this FSP is the date of FSP approval by the Ministry of Forests and Range.

4.0 FOREST DEVELOPMENT UNITS

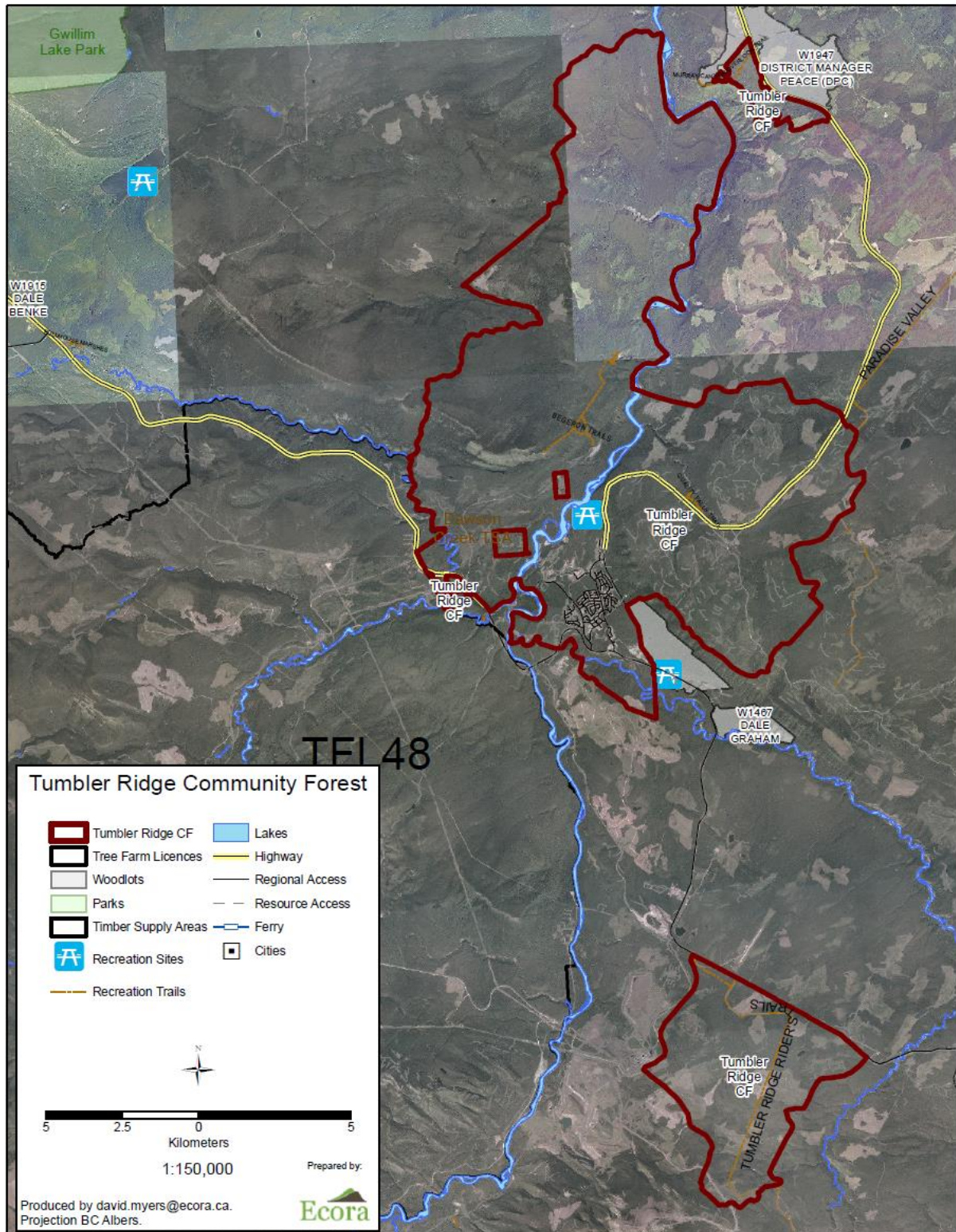
4.1 Area covered by the FDU

One FDU applies to this FSP within the Dawson Creek Timber Supply Area (DCTSA). The FDU is located in four distinct parcels (large unit split by the Wolverine River) all located within 25 km of the Tumbler Ridge town-site. Refer to Figure 1 below or **Appendix 10 FSP Maps**.

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Figure 1. Tumbler Ridge Community Forest Overview Map



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4.2 Previously granted harvest rights in the FDU

The province has reserved the right to enter into agreements with West Fraser Mills Ltd. (previous Chart Area holder) for the harvest of timber in areas designated on the Exhibit B Map within the FDU. Refer to copy of Schedule "D" of Community Forest Agreement K20. (**Appendix 4**)

5.0 HIGHER LEVEL PLANS

There are no higher level Plans in this FDU

6.0 RESULTS AND STRATEGIES FOR GOVERNMENT OBJECTIVES

Any or all practice requirements of the FPPR, Part 4, adopted as a result or strategy in this FSP for consistency with meeting government objectives, are as they were on the date this FSP was submitted for approval.

Results or strategies apply to the FDU in this FSP.

6.1 Objectives Set by Government for Soils

Legal Reference: FPPR, Section 5, and Section 12.2

For the FDU covered by this FSP, the holder of this FSP adopts the practice requirements of FPPR, Sections 35 and 36, as the result or strategy, subject to the following:

1. where mechanical site preparation is required to establish a free growing stand on one or more standard units within a cutblock, the maximum permissible soil disturbance, excluding any area covered by a roadside work area, is
 - (a) 5% of the area covered by the standards unit, where the standards unit is predominantly comprised of sensitive soils;
 - (b) 10% of the area covered by the standards unit, where the standards unit is not predominantly comprised of sensitive soils.

Scale of Measurement: Standards Unit

Map Reference: N/A

6.2 Objectives Set by Government for Wildlife

Legal Reference: FPPR, Section 7; FRPA, Section 182

The following results or strategies apply to the holder of this FSP:

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6.2.1 Species at Risk

1. Species at risk are identified in the Ministry of Environment Order: Categories of Species at Risk effective May 3, 2004, and through a supplemental Order: Category of Species at Risk effective June 5, 2006 (**Appendix 5**). Species at risk (SAR) occurring within the Dawson Creek TSA are:

- (a) Fish: Bull Trout, West slope Cutthroat Trout
- (b) Birds: Bay-Breasted Warbler, Black-throated Green Warbler, Cape May Warbler, Connecticut Warbler, Great Blue Heron, Nelson's Sharp Tail Sparrow, Sandhill Crane, Short-eared Owl
- (c) Mammals: Bighorn Sheep, Boreal Caribou, Fisher, Grizzly Bear, Wolverine, Mountain Caribou, Northern Caribou

Northern Caribou, Bighorn Sheep and Bull Trout have specific government objectives for management made under various statutes as described elsewhere in section 6.2. No specific Notices or objectives for management are established by government for the remaining species at risk.

2. Northern Caribou, Bighorn Sheep:

With respect to the government Notice: "Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Species at Risk in the Peace Forest District" issued December 2004 in accordance with Section 7 of the FPPR:

- (a) In conjunction with other forest license agreement holders operating within the spatially delineated caribou Ungulate Winter Range area, the holder of this FSP will act in a manner consistent with general wildlife measures for managing northern caribou habitat described in Schedule 1 – General Wildlife Measures for Conservation of Ungulate Winter Range for Caribou, Mountain Goat and Bighorn Sheep in the Dawson Creek TSA established by the Ministry of Environment Order - Ungulate Winter Range #U-9-002 effective October 16, 2006 (**Appendix 5**).

6.2.2 Conservation of Regionally Important Wildlife and Ungulate Winter Range Habitat

1. Regionally Important Wildlife:

The Ministry of Environment has not identified regionally important wildlife applicable to an area within the FDU covered by this FSP.

2. Ungulate Winter Range for Rocky Mountain Elk, Mule Deer, Stone's Sheep and Mountain Goat:

With respect to the government Notice: "Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Winter Survival of Ungulate Species in the Dawson Creek Timber Supply Area" - issued December 2004 in accordance with Division 1 Section 7 of the FPPR:

- (a) In conjunction with other forest license agreement holders operating within the spatially delineated Ungulate Winter Range area, the holder of this FSP will act in a manner consistent with the general wildlife measures for managing elk and mule deer habitat

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described in Schedule 1- General Wildlife Measures established by the Ministry of Environment Order – Ungulate Winter Range #U-9-001 effective December 1, 2005 (**Appendix 5**).

- (b) In conjunction with other forest license agreement holders operating within the spatially delineated Ungulate Winter Range area, the holder of this FSP will act in a manner consistent with general wildlife measures for managing Caribou, mountain goat and bighorn sheep habitat described in Schedule 1 – General Wildlife Measures for Conservation of Ungulate Winter Range for Caribou, Mountain Goat and Bighorn Sheep in the Dawson Creek TSA and TFL 48 established by the Ministry of Environment Order - Ungulate Winter Range #U-9-002 effective October 16, 2006 (**Appendix 5**).

6.2.3 Wildlife Habitat Areas

There are no delineated Wildlife Habitat Areas in this FDU

6.3 Objectives Set by Government for Wildlife and Biodiversity – Landscape Level

Legal Reference: FPPR, Section 9 and Section 12.4

The following results or strategies apply to the holder of this FSP:

The landscape level biodiversity objectives will be met by following the Land Use Objectives for the Dawson Creek TSA. Specifically, the agreement holder will comply with the Old Growth Management Area objectives in the Ministerial Order, date May29, 2009 (**Appendix 6**).

Scale of Measurement: N/A

Map Reference: OGMA Map in (**Appendix 10**).

6.4 Objectives Set by Government for Wildlife and Biodiversity – Stand Level

Legal Reference: FPPR, Section 9.1, and Section 12.5

For the purposes of this section, the following definition applies:

“cutblock development” means on the ground positioning of cutblock boundaries and completing related fieldwork as required (e.g. wildlife tree retention area placement; assessments, standard units delineation, mapwork, etc.) including the preparation of a site plan.

Result or Strategy

The following results or strategies apply to the holder of this FSP:

1. Wildlife tree retention strategies apply to the total area of a harvest unit.
2. Ensure that where cutblock development is completed on one or more harvest units during the successive 12 month period beginning April 1 of any calendar year, that the total area

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covered by wildlife tree retention areas relating to the harvest units is a minimum of 7% of the total collective area of the harvest units.

3. For harvest units that are greater than 15 hectares in size, the total amount of wildlife tree retention areas that relates to the harvest unit is a minimum of 3.5% of the total area of the harvest unit.
4. For the purposes of (1) and (2) above, a wildlife tree retention area may relate to more than one harvest unit if all of the cutblocks that relate to the wildlife tree retention area collectively meet the applicable requirements of this section.
5. Timber harvesting will not be authorized within a wildlife tree retention area unless:
 - (a) the trees on the net area to be reforested (NAR) of the harvest unit to which the wildlife tree retention area relates have developed attributes that are consistent with mature seral retention; or
 - (b) access to future harvest units is required that impacts a wildlife tree retention area and no other practicable alternative for access exists; or
 - (c) one or more of the following circumstances or conditions are applicable to the Wildlife Tree Retention Area:
 - (i) removal of one or more trees is necessary to ensure worker safety;
 - (ii) the condition of the stand within the Wildlife Tree Retention Area represents a significant forest health risk to surrounding stands;
 - (iii) a qualified registered professional has determined that the ecological value of the Wildlife Tree Retention Area(s) has been lost due to windthrow, fire, pest damage or another disturbance and these areas where timber harvesting is authorized or carried out are replaced with suitable Wildlife Tree Retention Area(s) of equivalent size and functionality.

Scale of Measurement: Harvest unit and/or series of harvest units that contribute wildlife tree retention areas.

Map Reference: N/A.

6.5 Objectives Set by Government for Water, Fish, Wildlife and Biodiversity Within Riparian Areas

Legal Reference: FPPR, Section 8, and Sections 12 (3) and 12.1 (2)

For all FDUs covered by this FSP, the holder of this FSP will undertake to comply with FPPR, Sections 47 to 51, 52 (2) and 53.

For the purposes of FPPR, Section 12(3), for all FDUs covered by this FSP, the result or strategy for retention of trees within a riparian management zone are:

1. where a primary forest activity occurs within a riparian management zone, the result or strategy for tree retention will:

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- (a) establish a five (5) metre machine free zone adjacent to the streambank of all S4, S5 and S6 streams where tracks or wheels of ground based machinery are not permitted unless required to establish a stream crossing;
- (b) within the five (5) metre machine free zone in (a) above, retain to the extent practicable, all non-commercial forest cover including brush species, advanced regeneration and non-merchantable conifer and deciduous species unless required:
 - (i) to establish a stream crossing;
 - (ii) to facilitate cable or aerial yarding across or adjacent to the stream (including guyline tiebacks and full suspension clearance);
 - (iii) to address forest health concerns;
 - (iv) to address safety concerns;
- (c) within 10 metre of a stream refer to section 9.2 (a) Variations from General Standards.
- (d) subject to (e), be consistent with the factors in FPPR Schedule 1, Section 2,
- (e) have due regard for any inherent characteristics of the riparian retention area that potentially affect retention objectives including but not limited to the following:
 - (i) safety hazards;
 - (ii) wind throw risk;
 - (iii) the role of the riparian management zone in maintaining the integrity of any associated riparian reserve zone;
 - (iv) forest health issues that necessitate tree removal;
 - (v) conservation and protection of high value riparian habitat associated with identified species at risk and non- species at risk including but not limited to high value forage areas, high use game trails, large wildlife trees and coarse woody debris;
 - (vi) requirements for cable or aerial yarding across or adjacent to the riparian management zone (including guyline tiebacks and full suspension clearance)
- (e) be specified and prescribed in a written rationale signed by a qualified registered professional, prior to commencement of the primary forest activity.

Scale of Measurement: N/A.

Map Reference: N/A.

6.6 Objectives Set by Government for Visual Quality

Legal Reference: FPPR, Section 9.2

Result or Strategy

For the FDU covered by this FSP, the holder of this FSP will ensure that where primary forest activities occur within known scenic areas that these activities are consistent with the established visual quality objective(s) (VQO) or recommended VQO of the known scenic areas.

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Scale of Measurement: Known scenic area polygons and their respective VQO

Map Reference: Use the current Government VQO polygon map when determining VQO status

6.7 Objectives Set by Government for Cultural Heritage Resources

Legal Reference: FPPR, Section 10

For the purposes of this result or strategy, the following definitions apply:

“cultural heritage resource” refers only to those resources that are the focus of a traditional use by an aboriginal people that are of continuing importance to that people, and not regulated under the *Heritage Conservation Act*.

A “cultural heritage resource evaluation” is a process conducted by a qualified person and consisting of the following steps:

- a) Notify the affected First Nation and solicit input.
- b) Record the location of the cultural heritage resource.
- c) Evaluate the direct impact of the forest practice on the cultural heritage resource.
- d) Prepare recommendations to mitigate the impact on, conserve or, if necessary, protect, the cultural heritage resource considering: the relative value or importance of the cultural heritage resource to a traditional use by an aboriginal people; the relative abundance or scarcity of the cultural heritage resource; the historical extent of the traditional use of the cultural heritage resource; and, the impact that conserving or protecting the cultural heritage resource has on the agreement holder’s timber harvesting rights.
- e) Communicate the outcomes of this evaluation to the First Nation in who’s asserted traditional territory the area lies.

Result or Strategy

The holder of this FSP will comply with the following results or strategies:

1. Communication of Development Planning

The holder of this FSP will make reasonable efforts to communicate development planning to affected First Nations Bands, thereby allowing them opportunity for input.

2. Evaluation For Cultural Heritage Resource Potential

Prior to harvest of a cutblock or construction of a road, a cultural heritage resource evaluation will be conducted within areas that contain previously identified cultural heritage resources, if the area has not been previously evaluated or where site-specific information regarding cultural heritage resources is brought forward or made available to the holder of this FSP by First Nations or a government employee.

3. Unidentified Features Encountered During Development Activities

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If a previously unidentified cultural heritage resource is encountered by the Agreement holder while conducting a forest practice, operations will be modified or cease to the extent necessary to protect the resource, until a cultural heritage resource evaluation can be carried out.

4. Forest Practice Activities Consistent with Recommendations from Evaluations

Forest practice activities will be consistent with the recommendations given in a cultural heritage resource evaluation conducted under 2 or 3.

Scale of Measurement: harvest unit, cutblock or road

Map Reference: N/A

6.8 Objectives Set by Government for Fish Habitat in Fisheries Sensitive Watersheds

Legal Reference: FPPR, Section 8.1

No known fisheries sensitive areas are established within the FDU covered by this FSP.

6.9 Objectives Set by Government for Water in Community Watersheds

Legal Reference: FPPR Section, 8.2

No known community watersheds are established within the FDU covered by this FSP.

7.0 MEASURES

Measures apply to the FDU covered by this FSP

7.1 Measures for Preventing the Introduction or Spread of Invasive Plants

Legal Reference: FPPR, Section 17

The following measures will be taken by the holder of this FSP to prevent the introduction or spread of invasive plants species when carrying out harvesting and road building activity authorized by the agreement holder:

1. Areas within the FDU containing known sites of invasive plants and/or sites considered having high to extremely high risk to invasive plant establishment through forest practices will be identified using information gathered from forest district range staff, regional experts, or other agencies.
2. Within sites in subparagraph (1), contiguous areas of exposed mineral soil greater than 0.3 ha disturbed through harvesting or road construction activity and are not to be reforested, will be seeded - excluding the running surface of roads within 3 year of completion of the harvest or road construction activity.

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3. Where harvesting or road building activity authorized by the agreement holder introduces invasive plant species, measures will be carried out, to the extent practicable, to eradicate the invasive species. In order to commit the above activity, the introduction of any evasive plant species noted above must be substantiated by unequivocal evidence that such evasive plant species introduction was a result of the noted Community Forest Licensee industrial activity.
4. For the purposes of subparagraph (2), only a seed mix that is Canadian Standards certified to be free of the species listed in the *Invasive Plants Regulation* will be used for re-vegetation.

Scale of Measurement: Known locations of invasive plants, high to very high risk sites.

Map Reference: N/A.

7.2 Measures for Mitigating Impacts to Natural Range Barriers

There are no delineated Range Tenure Areas in this FDU.

8.0 OTHER ESTABLISHED OBJECTIVES

Legal Reference: FRPA, Sections 180 and 181.

In the Peace Forest District, established objectives exist for interpretive forest sites, recreational sites and recreational trails. No other established objectives exist for those designations identified under FRPA, Section 180.

8.1 Recreational Resources

Legal Reference: Ministry of Forests Order: Establishment of Objectives for Recreational Sites, Recreational Trails and Interpretive Forest Sites – Peace Forest District, August 25, 2000.

Result or Strategy

Known recreation sites, trails, and interpretive forest sites for which there is an established objective applicable to the FSP are listed as follows:

Site Name	Number
FLATBED CREEK	REC1347
MOOSE LAKE	REC1356

1. For each established recreation site or recreation trail for which there is an applicable established objective, the holder of this FSP will, to the extent practicable,
 - a) design harvest units, cutblocks and roads in a manner that is consistent with the applicable established objective;

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- b) subject to (a), conduct harvesting or road construction adjacent to a recreation site or trail consistent with the established objectives;
 - c) unless required to address a forest health issue, catastrophic event (e.g. windthrow) or other similar event.
2. For any known recreation sites or trails that would be subject to forest operational activity, the agreement holder shall consult with the Recreation Site and Trails Branch at the Dawson Creek Ministry of Forests, Lands and Natural Resource Operations.

Scale of Measurement: Harvest unit, cutblock and roads

Map Reference: Landscape Unit/BEC and Other Tenure Map (**Appendix 10**).

8.2 Wolverine Nordic and Mountain Society

Prior to any operational harvest development governed by this FSP, the agreement holder will refer to the Wolverine Nordic and Mountain Society any areas of site specific proposed timber harvesting and road construction and formally share development plans with the society.

- 1. Reasonable efforts will be made by the agreement holder to facilitate information exchange with the Wolverine Nordic and Mountain Society for the purpose of
 - (a) identifying recreational resources potentially affected by proposed harvest development including locations if known, and
 - (b) make reasonable efforts to reach mutual agreement regarding decisions for managing the recreation resources.

8.3 Paleontology Interests

Prior to any operational harvest development governed by this FSP, the agreement holder will refer to the local Paleontologist any areas of site specific proposed timber harvesting and road construction and formally share development plans.

9.0 STOCKING STANDARDS

Legal Reference: FPPR, Sections 16 and 44 (1); FRPA, Section 29 (2)

Scale of Measurement: Standards Units

Map Reference: N/A

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9.1 General Standards

For the purposes of section 16(1) of the Forest Planning and Practices Regulation, section 44(1) of that regulation will apply to every area where the agreement holder of this FSP is required to establish a free growing stand.

For the purposes of section 16(3) of the Forest Planning and Practices Regulation, for each area where a holder of this FSP is required to establish a free growing stand.

- (a) The applicable stocking standards and applicable regeneration date referred to in section 44(1)(a) of the Forest Planning and Practices Regulation, and
- (b) The applicable stocking standards and applicable free growing height referred to in section 44(1)(b) of the Forest Planning and Practices Regulation

Are subject to the Variations from General Standards in paragraph 9.2, as set out in Appendix A opposite the Biogeoclimatic Site Series that applies to the Standard Unit.

The holders of **this FSP** do not propose to carry out, on an area; timber harvesting that is restricted to

- (a) Commercial thinning, removal of individual trees or a similar type of intermediate cutting, or
- (b) Harvesting of special forest products

And, as such, section 44(4) of the Forest Planning and Practices Regulation has no application to this plan.

Where a holder of this FSP is required under the Act and regulations to establish a free growing stand on a cut block governed by this FSP, the holder will on all cut blocks (subject to the variations outlined in the following section) do so in accordance with the stocking standards in **(Appendix 2 and 3)**.

9.2 Variations from General Standards

- (a) Aspen, cottonwood, birch, willow and alder within 10m of the edge of a stream are not considered deleterious brush competition when conducting a free growing survey.
- (b) BI and/or PI will be considered preferred in any transitional ecosystem (BWBS/ESSF) in which it is ecologically suitable and made up more than 25% of the stems in the original stand.
- (c) Regeneration delay may be extended to 7 years where natural regeneration is used.
- (d) The late free growing date for all standard units will be 20 years. There is no specified period for early free growing.
- (e) Openings less than 1.0 ha will not be subject to free growing obligations.

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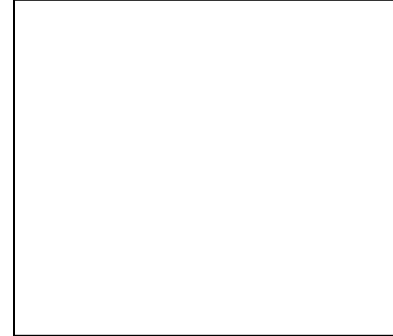
10.0 SIGNATURES TO PLAN

Plan Preparation

Signature: _____

Duncan McKellar, MBA R.P.F.

Date: _____



Plan Holder

Signature: _____

Darwin Wren

Mayor

District of Tumbler Ridge

Date: _____

Approved By

Signature: _____

Rob Kopecky RFT

District Manager, Resource Operations

Dawson Creek Forest District

Date: _____

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APPENDIX 1 LIST OF STAKEHOLDER CONTACTS

Stakeholder	Affiliation	Contact Information
Adjacent Licensee	Canfor - Chetwynd Division	Jeremy Srochenski, RPF Planning Forester #4700, 50th Street PO Box 180 Chetwynd, B.C. V0C 1J0 Phone: (250)788-4332
Coal Mine	Walter Energy	Daren Cowan PO Box 2140 235 Front Street Tumbler Ridge, B.C. V0C 2W0 Phone: (250)242-3764
Coal Mine	Peace River Coal	Timothy S. Caldwell PO Box 919 Tumbler Ridge, B.C. V0C 2W0 Phone: (250)242-7766
First Nation	Mcleod Lake Indian Band	Chief: Derek Orr PO Box 64 Chetwynd, B.C. Phone: (250)788-2227 cell (250)640-0789 Forestry Contact: Alec Chingee/ Erin
First Nation	Saulteau First Nations	Chief: Harley Davis PO Box 1020 Chetwynd, B.C. V0C 1J0 Phone: (250)788-3955 Forestry Contact: Rick Publicover
First Nation	West Moberly First Nations	Chief: Roland Willson PO Box 90 Moberly Lake, B.C. V0C 1X0 Phone: (250)788-3663 Forestry Contact: Bruce Muir
Guide Outfitter	Tracks B.C. & High Prairie Outfitters Ltd.	Gary & Monique Drinkall PO Box 2215 Chetwynd, B.C. V0C 1J0 Canada Phone: (250)788-2115
Guide Outfitter	Wolverine Valley Outfitters	Timothy Millward PO Box 1840, Tumbler Ridge, B.C. V0C 2W0

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		Phone: (206)777-5015 hunts@wolverinevalleyguides.com
Guide Outfitter	Guide	Daniel Ganson 8350 Ganson Rd Chetwynd, B.C. V0C 1J0
Guide Outfitter	Canadian Guide Outfitters	Sean Lingl PO Box 827 Port McNeil, B.C. V0N 2R0 Phone: (250)230-4868 sean@canadianguideoutfitters.com
Local Palaeontologist	Peace Region Paleontology Research Centre	Rich McCrea Peace Region Paleontology Research Centre PO Box 1540 Tumbler Ridge, B.C. V0C 2W0 Phone: (250)242-3466
Tumbler Ridge Fire Protection Plan	Project Manager-TR Fire Protection Plan	Matt Trite PO Box 100 Tumbler Ridge, B.C. V0C 2W0 Phone: (250)242-3939
Tumbler Ridge Fire Protection Plan	Forester -TR Fire Protection Plan	Chris Maundrell Adlard Environmental Ltd. PO Box 293 Charlie Lake, B.C. V0C 1H0 Phone: (250)785 0632
Trail users and Hikers	Wolverine Nordic and Mountain Society	PO Box 1690 Tumbler Ridge, B.C. V0C 2W0 Phone: (250)242-4860 Email: ksharman@pris.ca
Trapline 721T003	Trapper	Lawrence Reynen PO Box 61 Arras, B.C. V0C 1B0 Phone: (250)843-6881
Trapline 721T005	Trapper	Carl MGitscheff or John Marston PO Box 516 Dawson Creek, B.C. V1G 4H4 Phone: (250)843-7720
Trapline 721T007	Trapper	Maureen Ethier PO Box 1721 Chetwynd, B.C. V0C 1J0

Tumbler Ridge Community Forest - Forest Stewardship Plan
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		Phone: (250)788-2258
Trapline 721T008	Trapper	Reynen Tracey PO Box 61 Arras BC V0C 1B0 Phone: (250)843-6881
Trapline 721T009	Trapper	Danny La Greca/Roxanne La Greca, Box 117, Groundbirch, B.C. V0C 1T0
Previous Tenure holder	West Fraser Mills Ltd.	Brian Pate 3598 West Fraser, Chetwynd, B.C. V0C 1J0 Phone: (250)788-2686
Wind Farm	Land Occupier- Capital Power Wind Project	Jason Tusor –Manager 200 - 10423 101 St. NW Edmonton, Alberta, Canada T5H 0E9 Phone: (604)314-6757
Wind Farm	Land Occupier-Finavera Wind Energy Inc.	Mike Clarke 1800-570 Granville St. Vancouver, B.C. V6C 3P1 Phone: (604)288-9051
Woodlot 1467	Woodlot Owner	Ralph Barkhouse and Dale Graham PO Box 40 Pouse Coupe, B.C. Phone: (250)786-5978

APPENDIX 2 CONIFEROUS STOCKING STANDARDS

STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species			Stocking (well-spaced/ha)				Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)	Crop Tree Height		Additional Standards/ Comments
	Classification															
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
	BWBSmw1	01	Pl Sw ³²		Acb ^a At ^a Ep ^a	N/A	1200	700	600	2	4	20	150	Pl	2.00	This standard will be used where management objectives are to preserve some deciduous on site (eg. VQO's, wildlife, etc.). Otherwise, use standard #1 for BWBS mw1 01 leading SU's.
		01	Pl Sw ³²	At ^{a,59} Ac ^{ab,59}	Ep ^a		1200	700	600	2				Sw	1.00	
														Pl At Ac	2.00	
		02	Pl	Sw	At ^b		1200	700	600	2				Pl	1.40	
		03	Pl Sw ²⁸		At ^a Ep ^a		1200	700	600	2				Sw	1.00	
														Pl	2.00	
		04	Pl Sw ^{28,32}	Sb	At ^b		1200	700	600	2				Pl	2.00	
		05	Sw ³² Pl	Sb	Acb ^b At ^a Ep ^a		1200	700	600	2				Others	1.00	
														Pl	2.00	
		06	Sw ³² Pl		Acb ^a At ^a Ep ^a		1200	700	600	1.6				Pl	2.00	
		07	Sw ^{1,32} Pl ¹		Acb ^a		1000	500	400	1.6				Sw	1.00	
														Pl	1.40	
		08	Pl ¹	Sb ¹			400	200	200	1.6				Sw	0.80	

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
	BWBSmw1		Sw ^{1,32}			N/A					4	20	150	Others	0.80	have a MITD of 1.0m if the next acceptable well-spaced tree is at least 2.0m for either tree in the pair.
														PI	2.00	Use these reduced stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1200stem/ha and 1000stems/ha. A minimum of 40% of the area must be in the lower stocking standard (1000 stems/ha)
		Complex 1	Sw ^{1,32} PI ¹		Acb ^a		1100	600	500	1.6				Others	1.00	
	BWBSmw1															PI
		Complex 2	PI ¹ Sw ^{1,32}	Sb ¹	Acb ^a		800	350	300	1.6	Others	0.80				
			Complex 3	PI ¹	Sb ¹	Acb ^a		800	550	450	2			PI	1.40	Use these reduced

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	

			Sw ^{1,32}											Others	0.80	stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1200stem/ha and 400stems/ha. A minimum of 40% of the area must be in the lower stocking standard (400 stems/ha)
		01,02,03,04,05,06	At ^a Ac ^{ab}	Sw ³² Pl	Ep ^a		3500	2000	1700	1.4-dec. 1.6-conifer	4	20	150	At Ac Pl	2.00	This standard will be used for all Deciduous leading SU's
														Sw	1.00	

	BWBSwk1	01	Pl Sw		At ^a		1200	700	600	2				Pl	2.00	
		02	Pl	Sw			1200	700	600	2				Sw	1.00	
		03	Pl Sw ³²	Sb	At ^b		1200	700	600	2				Pl	2.00	
		04	Pl Sw ²⁸		At ^a		1200	700	600	2				Others	1.00	
	BWBSwk1	05	Sw ³² Pl		Ac ^b ^a At ^a Ep ^a		1200	700	600	1.6				Pl	2.00	
		06	Sw ^{1,32} Pl ¹		Ac ^b ^a		1000	500	400	1.6				Sw	1.00	
		07	Pl ¹	Sb ¹		N/A	400	200	200	1.6				Pl	1.40	A pair of crop trees can

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
			Sw ^{1,32}							4	20	150	Others	0.80	have a MITD of 1.0m if the next acceptable well-spaced tree is at least 2.0m for either tree in the pair.	
		08	Pl ¹ Sw ^{1,32}	Sb ¹		N/A	400	200	200	1.6			Pl	1.40	A pair of crop trees can have a MITD of 1.0m if the next acceptable well-spaced tree is at least 2.0m for either tree in the pair.	
													Others	0.80		
		Complex 1	Sw ^{1,32} Pl ¹		Acb ^a		1100	600	500	1.6			Pl	2.00	Use these reduced stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1200stem/ha and 1000stems/ha. A minimum of 40% of the area must be in the lower stocking standard (1000 stems/ha)	
													Others	1.00		
		Complex 2	Pl ¹ Sw ^{1,32}	Sb ¹	Acb ^a		800	350	300	1.6	4	20	150	Pl	1.40	Use these reduced stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1000stem/ha and 400stems/ha. A minimum of 40% of the area must be in the lower stocking standard (400 stems/ha)
													Others	0.80		

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
		Complex 3	Pl ¹ Sw ^{1,32}	Sb ¹			400	200	200	1.6				Pl	1.40	Use these reduced stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1200stem/ha and 400stems/ha. A minimum of 40% of the area must be in the lower stocking standard (400 stems/ha)
													Others	0.80		
		01,02,03,04,05,06	At ^a Ac ^{ab}	Sw ³² Pl	Ep ^a		3500	2000	1700	1.4-dec. 1.6-conifer				At Ac Pl	2.00	This standard will be used for all Deciduous leading SU's
														Sw	1.00	
	ESSFmv2	01	Bl Pl Sx				1200	700	600	2				Pl	1.60	
														Others	0.80	
		02	Bl Pl Sx				1200	700	600	1.6				Pl	1.60	
														Others	0.80	
		03	Bl Pl Sx	Sb			1000	500	400	1.6				Pl	1.20	
														Others	0.60	
		04	Bl Pl Sx				1200	700	600	2				Pl	1.60	
														Others	0.80	
	05	Bl Pl Sx				1200	700	600	1.6				Pl	1.60		
													Others	0.80		
		06	Bl ^{1,32}				400	200	200	1.6				Pl	1.20	A pair of crop trees can

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
	ESSFmv2		Sx ^{1,32} , Pl ¹			N/A					4	20	125	Others	0.60	have a MITD of 1.0m if the next acceptable well-spaced tree is at least 2.0m for either tree in the pair.
		Complex 1	Bl Pl Sx	Sb	N/A	1100	600	500	1.6	4	20	125	Pl	1.20	Use these reduced stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1200stem/ha and 1000stems/ha. A minimum of 40% of the area must be in the lower stocking standard (1000 stems/ha)	
													Others	0.60		
		Complex 2	Bl ^{1,32} Sx ^{1,32} , Pl ¹				800	350	300				1.6	Pl	1.20	Use these reduced stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1000stem/ha and 400stems/ha. A minimum of 40% of the area must be in the lower stocking standard (400 stems/ha)
	Others													0.60		
	Complex 3	Bl ^{1,32}				400	200	200	1.6				Pl	1.20	Use these reduced	

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
			Sx ^{1,32} , Pl ¹											Others	0.60	stocking standards when there is a non-mapable site series complex with target stocking standards equal to 1200stem/ha and 400stems/ha. A minimum of 40% of the area must be in the lower stocking standard (400 stems/ha)
	All BWBS and SBS	All Site Series	Pl Sx	Sb Bl		N/A	1200	500	400	1.0	4	20	100	Pl	1.40	This reduced standard is to be used on select sites only and is intended to be used only on a small proportion of the harvested area. This standard is intended to be used in Riparian areas that contain low pre-harvest commercial values(low numbers of me
														Others	0.80	
	All ESSF	All Site series	Sx Bl			N/A	1200	500	400	1.0	4	20	100	Pl	1.40	This reduced standard is to be used on select sites

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
														Others	0.80	only and is intended to be used only on a small proportion of the harvested area. This standard is intended to be used in Riparian areas that contain low pre-harvest commercial values(low numbers of me
	All Multistory SU's	ESSF-All site series (even age target = 1200)	B1 Sx	Pl ³⁴		1	600	300	250	N/A	4	20	125	All	N/A	
			B1 Sx	Pl ³⁴		2	800	400	300	1.6				All	N/A	
			B1 Sx			3	1000	500	400	1.6				All	N/A	
			B1 Sx			4	1200	700	600	1.6				All	0.80	
		ESSF-All site series (even age target = 1000)	B1 Sx	Pl ³⁴		1	400	200	200	N/A	4	20	125	All	N/A	
			B1 Sx			2	600	300	250	1.6				All	N/A	
			B1 Sx			3	800	400	300	1.6				All	N/A	
			B1 Sx			4	1000	500	400	1.6				All	0.80	
		ESSF-All site series (even age target = 400)	B1 Sx			1	200	100	100	N/A	4	20	125	All	N/A	
			B1 Sx			2	300	125	125	1.6				All	N/A	
			B1 Sx			3	300	150	150	1.6				All	N/A	
			B1 Sx			4	400	200	200	1.6				All	0.80	A pair of crop trees can have a MITD of 1.0m if the next acceptable well-spaced tree is at least 2.0m for either tree in the pair.

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species							Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)			Additional Standards/ Comments
	Classification					Stocking (well-spaced/ha)								Crop Tree Height		
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	

	All Multistory SU's	BWBS/SBS-All site series (even age target = 1200)	Sx Pl	Bl	Act ^b At ^a	1	600	300	250	N/A	4	20	125	All	N/A	Bl will only be acceptable when the block is in the SBSwk2 or BWBSwk1. For Bl to be acceptable in the BWBSwk1, the block must be in a transitional area to the SBSwk2 or ESSFmv2 and the BL must occur naturally on the site.
			Sx Pl	Bl	Act ^b At ^a	2	800	400	300	1.6				All	N/A	
			Sx Pl	Bl	Act ^b At ^a	3	1000	500	400	1.6				All	N/A	
			Sx Pl	Bl	Act ^b At ^a	4	1200	700	600	1.6				All	0.80	
	All Multistory SU's	BWBS/SBS-All site series (even age target = 1000)	Sx Pl	Bl	Act ^b At ^a	1	400	200	200	N/A	4	20	125	All	N/A	Bl will only be acceptable when the block is in the SBSwk2 or BWBSwk1. For Bl to be acceptable in the BWBSwk1, the block must be in a transitional area to the SBSwk2 or ESSFmv2 and the BL must occur naturally on the site.
			Sx Pl	Bl	Act ^b At ^a	2	600	300	250	1.6				All	N/A	
			Sx Pl	Bl	Act ^b At ^a	3	800	400	300	1.6				All	N/A	
			Sx Pl	Bl	Act ^b At ^a	4	1000	500	400	1.6	4	20	125	All	0.80	
		BWBS/SBS-All site series (even age target = 400)	Sx Pl	Bl	Act ^b At ^a	1	200	100	100	N/A	4	20	125	All	N/A	Bl will only be acceptable when the block is in the SBSwk2
			Sx Pl	Bl	Act ^b At ^a	2	300	125	125	1.6				All	N/A	
			Sx Pl	Bl	Act ^b At ^a	3	300	150	150	1.6				All	N/A	

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STOCKING STANDARDS - Tumbler Ridge Community Forest - FSP																
Standard ID			Species			Stocking (well-spaced/ha)				Min. Inter Tree Dist. (MITD) ⁱⁱ	Regen Delay Max	Latest F.G.	Tree Height >Brush Min (iii)	Crop Tree Height		Additional Standards/ Comments
	Classification															
	Zone/SZ	Series	Pref (p)	Acc (a)	Broadleaf _i	Layer	Target	MIN pa	MIN p	m	yrs	yrs	%	Species	(m)	
			Sx Pl	Bl	Act ^b At ^a	4	400	200	200	1.6				All	0.80	or BWBSwk1. For Bl to be acceptable in the BWBSwk1, the block must be in a transitional area to the SBSwk2 or ESSFmv2 and the BL must occur naturally on the site .A pair of crop trees can have a M

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C. ADDITIONAL INFORMATION	
i) The broadleaf trees in shown in the above tables may comprise up to 20% of the acceptable tree species count. The only exception is Ep which may only comprise 10% of the acceptable tree species count.	
ii) For SU's with 2.0 MITD The minimum inter-tree distance will be reduced to 1.6m for all Standard Units which have site preparation completed to create raised microsites	
iii) As an alternative, free from brush criteria outlined in the Appendix 9 of the Establishment to Free Growing Guidebook- Prince George Forest Region(Ver. 2.2) will be used.	
The minimum stocking standard can be reduced by 15% for up to 20% of the standard unit area. No more than 10% of the total net area of the block can be assessed using the reduced standards.	
Multistory SU's will use the Uneven Aged stocking standards table shown on page 111 of the Establishment to Free Growing Guidebook-Prince George Forest Region (Ver. 2.2)	
a	productive, reliable, and feasible regeneration option
b	limited in productivity, reliability and/or feasibility
1	elevated microsites are preferred
28	limited by moisture deficit
32	limited by growing-Season frosts
34	risk of snow damage
59	max 1,400 total sph of aspen and cottonwood. Treat as 'ghost' trees in surveys.

APPENDIX 3 MIXEDWOOD STOCKING STANDARDS

Stocking Guidelines for Mixedwoods in the BWBS

These guidelines apply to those mixedwood areas that have less than 80% but greater than 20% coniferous volume based on scale returns. The target Free Growing mixedwood land status classification will be based upon the classification that characterizes the stand at the time of harvest.

Regeneration/Establishment Delay Guidelines

Species	Target MSQ	Minimum MSQ	Regen/Est. Delay
At, Ac, Sw, Pli	3.7	2.8	4

- “Healthy trees” and “competition from plants, shrubs or other trees” as current standards.
- A quadrant should only be considered as stocked with At or Ac at the Regeneration/Establishment delay assessment if there is at least 3 acceptable At or Ac over 1 m in height.
- Regeneration/Establishment delay assessments should include an inventory label so that potential land classification trajectories can be determined.

Free/Well Growing Guidelines

Species	Target MSQ	Minimum MSQ	EFTG	LFTG
At, Ac, Sw, Pli	3.7	2.8	15	20

- “Healthy trees” and “competition from plants, shrubs or other trees” as current standards

Free/Well Growing Criteria

For intimate mixtures

- Deciduous basal area (BA) must not exceed 8 m² /ha for Sw and 5 m²/ha for Pli at the Free/Well Growing assessment and
- 1/3 of the coniferous crown must be within the deciduous canopy at the Free/Well Growing assessment and
- Sw Coniferous Relative-Height-in-the-Canopy (RHC) must exceed 0.5. (i.e. Sw must be at least 50% of the way through the aspen canopy) and Pli RHC must exceed 0.75.

For all other mixed wood categories

- Sw and Pli must be 5 m stem-to-stem in 2 adjacent quadrants and 2 m stem-to-stem in the other 2 quadrants from an At or Ac.

Land Status Classification

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- The target Free/Well Growing mixed wood land status classification will be based upon the classification that characterizes the stand at the time of harvest.
- Land classification will be declared as either DC or CD at the Free/Well Growing assessment.
- In order to get a classification of DC at least 50% and less than 80% of the MSQ value must be deciduous at the Free/Well Growing assessment. (i.e.: if the MSQ value is 2.8 at free growing at least 1.5 of that MSQ must be At and/or Ac to achieve the DC classification).
-
- To achieve a CD classification at least 50% and less than 80% of the MSQ value must be coniferous at the Free/Well Growing assessment.(i.e.: if the MSQ value is 2.8 at free growing at least 1.5 of that MSQ must be Sw or Pli to achieve the CD classification).

Survey Guidelines

- Stocking guidelines are to be evaluated on a plot basis and reported for the block.
- Strata must be clearly mapped.
- One (1) plot per hectare must be established.
- Minimum strata size is 1 ha and must be classed as either C, CD, DC, or D.

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APPENDIX 4 COPY OF COMMUNITY FOREST K20 SCHEDULE “D”

Section 2.00 of Schedule “D” documents the areas within the FDU the province has reserved the right to enter into agreements with West Fraser Mills Ltd.

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APPENDIX 5 MINISTRY OF ENVIRONMENT WILDLIFE ORDERS

Ministry Of Environment Order: Ungulate Winter Range #U-9-001 (December 2005)

Ministry Of Environment Order: Ungulate Winter Range #U-9-002 (October 2006)

Ministry Of Environment Order: Category of Species at Risk (May 2004)

Ministry Of Environment Order: Category of Species at Risk (June 2006))

Ministry Of Environment Order: Category of Species at Risk (Nomenclature update - July 18, 2011)

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**APPENDIX 6 LAND USE OBJECTIVES FOR THE DAWSON CREEK TSA
ORDER - OLD GROWTH MANAGEMENT AREAS**

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APPENDIX 7 RESULTS OF THE PUBLIC AND STAKEHOLDER REVIEW AND COMMENT PERIOD

- Updated Community Forest hectares reference from approx 22,000 to 19,809 from Community Forest GIS database. pg 4.
- Updated contact information pg 18.
- Section 7.1.3 was clarified as follows:
Draft
7.1.3. Where harvesting or road building activity authorized by the agreement holder introduces invasive plant species, measures will be carried out, to the extent practicable, to eradicate the invasive species.
Final
7.1.3 Where harvesting or road building activity authorized by the agreement holder introduces invasive plant species, measures will be carried out, to the extent practicable, to eradicate the invasive species. In order to commit the above activity, the introduction of any evasive plant species noted above must be substantiated by unequivocal evidence that such evasive plant species introduction was a result of the noted Community Forest Licensee industrial activity.
- The Standard ID numbers were removed from the Stocking Standards table.
- Section 6.1 Objectives set by Government for Soils was changed to reflect the Forest Planning and Practices Regulation defaults. The % of soil disturbance was changed from 15% to 5% for sensitive soils and 20% to 10 % for non sensitive soils respectively.
- For commitments made from the results of meeting with First Nations see Appendix 8.
- A trapper provided feedback regarding the TR FSP directly to the Forest Service. The trapper's tenure covers the southern polygon of the CF. This CF polygon is 2,884 ha in size or 14% of the entire CF tenure area. This southern area has experienced significant harvesting in the past. The Community Forest GIS database indicates there are approximately 200 ha of mature pine and 100 ha of mature spruce for a total of 300 ha (no net-downs due to other constraints considered) remaining in the entire 2,884 ha area. In other words only 10% of the southern area has mature timber. The concerns raised by the trapper focused on water courses and animal homes such as cavity nesting birds. The Community Forest is committed to respecting animal homes and water courses that are found while planning for development as outlined in the commitments to First Nations concerns in Appendix 8 items 5 and 7 and pg 4 of the TRCF Support Document.

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- Support Document update. Pg 4 updated to reflect the removal of reference to the Ministry document entitled: “Reduced Risk Timing Windows and Measures for the Conservation of Fish and Fish Habitat for the Omineca Region” and replaced with the following more area representative documents:
 1. Terms and Conditions for changes in and about a stream specified by Ministry of Environment Habitat Officers, Peace Sub Region - Feb 2002.
 2. Conservation Measures and Timing Windows for Peace Region Fish Stream Crossing - May 2002.

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APPENDIX 8 RESULTS OF FIRST NATIONS CONSULTATION

Tumbler Ridge Community Forest Stewardship Plan
First Nations Visit
January 19, 2012 and February 04, 2012

Meeting with Alex Chingee of Mcleod Lake Indian Band – Jan 19, 2012 Chetwynd 11am to 1pm.

General process: Discussed the general description of a Community Forest and how where the FSP plays a role as part of the planning process. We reviewed the layout of the documents, text, supplemental and maps.

General comments:

- For trails can take out the merchantable wood but clean the trail when you leave the area. Reach in with the machines and don't leave a mess.
- Need to treat any CMT as per the law. Notify, mark them ask for FN advice. Can harvest (stub) once GPS is complete if in the way or would cause more damage to go around.
- Pay attention to water courses.
- Have good control when applying herbicides. Need to notify the band prior to spraying. Need to sign areas sprayed. Use manual application when in sensitive areas. MLIB may ask for test of residual chemicals a year after application.
- Manage the evasive plants. I noted to Alex that there were no Range Tenures in the FDU however we would follow the regulations regarding evasive plants if we note them.

General observations: Alex was very friendly and easy to talk to. He mentioned more than once is wishes the Community Forest to work with MLIB and looks forward to building our relationship.

Meeting with George Desjarlais West Moberly First Nations - Jan 19, 2012 Moberly Lake 1:20 pm to 2:30pm

General process: Discussed the general description of a Community Forest and how where the FSP plays a role as part of the planning process. George said he was filling in regarding the Forestry business although as has a diploma in Forest Technology. His main focus has been Oil and Gas. We went through the documents and maps so he would have and understanding of how they related to one another and to the legislation. George outlined to me that this meeting was the beginning of our relationship and at this time he would give unofficial position statements. We agreed that this was a great start to an information

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exchange and relationship building. George was learning about our FSP so he could explain it to council and others in his Nation.

General Comments:

- George did not have specific land use questions at this time.
- He questioned how this relates to treaty 8 and I replied I was not in a position to answer officially however, I personally thought it in no way did the FSP infringe on Treaty 8 rights.
- I reviewed the timelines for review stating March 12, 2012 was end of the 60 day review
- George suggested that they may want to ground truth some areas and they may need more time. He would have to get more input from his council and boss.
- We reviewed the maps in the plan.
- To ensure he had access to the FSP and maps, I assisted him in opening the CD on his workstation to ensure it had all the files. All the files opened on his computer.

General observations: George was very approachable and interested in the plan from a political perspective. He wanted to take the time to read the text and was very appreciative that we met so I could walk him through the documents, maps and legislative references such as the orders. He found the meeting informative and felt now he was in a place where he could review the files with more understanding. He suggested that once he reviewed the information and presented it to council that he would be writing us a letter response. He was also of the understanding that WMFN would be meeting the Ministry regarding this FSP.

Meeting with Rick Publicover Saulteau First Nations – Feb 04, 2012 - CNC Library Prince George 10:15 am to 12:15pm

General process: Rick was very knowledgeable regarding the FSP process and was interested mostly in reviewing the maps. The general concerns listed were around protecting the water courses. I indicated to Rick that a significant portion of the major waterways have measures such as OGMA's, UWR, Visual Quality Objectives or steep ground that restrict activities. Rick also noted that grizzly management was a concern and he may have more to comment on regarding Caribou going forward. Rick also suggested that WTP should if possible be located centrally in openings to minimize thermal cover loss from wind. Other general request was to leave some underbrush where possible to provide some visual cover for game animals from hunting pressure of humans and wolves. Finally Rick suggested that when planning harvest areas and road locations, to manage around squirrel dreys and fisher dens (in Cottonwoods).

General observations: Rick did not seem to have any negative concerns regarding the FSP. He requested to be informed of any development activity prior to undertaking the work on the ground. Generally, the concerns revolved around being aware of and manage for the wildlife in the area. Specifically if animal homes are found while planning for development,

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to if possible move the location or provide protection using techniques such as WTP or leave areas.

Forest Stewardship Plan Commitments to First Nations in response to the Forest Stewardship Plan review meetings held January 19, 2012 and February 04, 2012

1. Prior to any industrial activity in the Community Forest landbase undertaken under license Community Forest License K-20, the Mcleod Lake Indian Band, West Moberly First Nations, and the Sauteau First Nations will be notified and solicited for input.
2. Prior to any herbicide activity on the Community Forest landbase undertaken under license Community Forest License K-20 the Mcleod Lake Indian Band, West Moberly First Nations, and the Sauteau First Nations will be notified and solicited for input. As per the regulations, appropriate signage will be posted on prescribed areas.
3. Any culturally modified trees identified in the Community Forest will be referred to the Mcleod Lake Indian Band, West Moberly First Nations, and the Sauteau First Nations for their advisement.
4. The Community Forest welcomes and encourages any First Nations member to take the time to ground truth area of their interest. We would be pleased to accommodate wherever we can to assist in this endeavor.
5. Water course protection is a primary interest to the Community Forest. The Community Forest will endeavor to manage these areas to accommodate their sensitive attributes. Much of the TRCF waterways are found in areas of steep terrain that are restricted due to landscape objectives such as Visual Quality Objectives or OGMAs. These areas are not currently the development focus of the Community Forest.
6. The Community Forest looks forward to work with the First Nations, local Government, and other licensees to put forward an inclusive local plan in the management of Caribou and their habitat.
7. The Community Forest commits to respecting animal homes that are found while planning for development, and to if possible move the location or provide protection using techniques such as WTP or leave areas. Also where possible and not in conflict with Silviculture obligations, efforts will be made to leave some underbrush where possible to provide some visual cover for game animals from hunting pressure of humans and wolves.

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APPENDIX 9 FSP FOREST DEVELOPMENT UNIT MAP

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APPENDIX 10 FSP MAPS

Biogeoclimatic Map

Old Growth Management Area (OGMA) Map

Ungulate Winter Range and Wildlife Habitat Area Map

Landscape Unit and Biodiversity Emphasis Area Map and other Tenure Map