



**TEAL CEDAR PRODUCTS LTD.**

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## **FOREST STEWARDSHIP PLAN**

**CHILLIWACK FOREST DISTRICT  
FRASER TIMBER SUPPLY AREA**

**Forest Licence: A19201  
Timber Licence: T0822**

**December 18, 2006  
Amendment #1 (January 24, 2008)**

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# 1 INTERPRETATION

## 1.1 Definitions

In this **FSP**, unless this **FSP** specifies, or the context requires, otherwise:

- (a) “**CP**” means a cutting permit;
- (b) “**Date of Submission**” means December 18, 2006, which is the date this **FSP** was submitted for approval;
- (c) “**DWR**” means deer winter range;
- (d) “**FDU**” means a forest development unit;
- (e) “**FPC**” means the *Forest Practices Code of British Columbia Act* R.S.B.C. 1996, c. 159 and all regulations there under;
- (g) “**FPPR**” means the *Forest Planning and Practices Regulation* B.C. Reg. 14/2004;
- (h) “**FRPA**” means the *Forest and Range Practices Act* S.B.C. 2002, c.69;
- (i) “**FSP**” means a forest stewardship plan;
- (j) “**FSR**” means a forest service road;
- (k) “**GAR**” means the *Government Actions Regulation* B.C. Reg. 582/2004;
- (l) “**GWR**” means goat winter range;
- (m) “**Legislated Planning Date**” means:
  - (i) subject to clause (ii), the date 4 months before the **Date of Submission**; or
  - (ii) if an enactment or an objective set by government requires that a date different than the date referred to in clause (i) be applied under this **FSP**, then that different date;
- (n) “**Licence**” means an agreement under the *Forest Act*;
- (o) “**Licensee**” means, for each **Licence** specified in part 2 of this **FSP**, the holder of that **Licence**;
- (p) “**MOE**” means the Ministry of Environment;
- (q) “**MOFR**” means the Ministry of Forests and Range;

- (r) “**MWLAP**” means the Ministry of Water, Land and Air Protection;
- (s) “**OGMA**” means an old growth management area;
- (t) “**RP**” means a road permit;
- (u) “**Scenic Area**” is defined in section 1 of **FPPR**. **Scenic Areas** are shown on the **FSP** map as visual quality objectives;
- (v) “**SRMZ**” means a special resource management zone;
- (w) “**UWR**” means ungulate winter range;
- (x) “**WHA**” means a wildlife habitat area.

## 1.2 Relevant Date for Legislation and Objective References

In this **FSP**, unless this **FSP** specifies otherwise, a reference to legislation, an established objective, a notice under section 7(2) of **FPPR**, a designation of a species to which such a notice or established objective applies, an establishment of an area referred to in section 14(3)(a) to (i) of **FPPR** or an order made by government means that legislation, established objective, notice, designation, area or order as it was on the **Legislated Planning Date**.

## 1.3 Definitions from Legislation

In this **FSP**, unless this **FSP** specifies, or the context requires, otherwise words and phrases defined in **FRPA** or the *Forest Act* as of the **Legislated Planning Date** have the same meaning as those definitions.

## 1.4 Changes to Legislation

If legislation referred to in this **FSP** is renamed or a provision of legislation referred to in this **FSP** is renumbered, the reference in this **FSP** is to be construed as a reference to the provision as renamed or renumbered, as the case may be.

## 1.5 Expressions Inclusive

In this **FSP**, unless this **FSP** specifies, or the context requires, otherwise:

- i) the singular includes the plural and the plural includes the singular;
- ii) the masculine, the feminine and the neuter are interchangeable and each includes the body corporate.

## 1.6 Organization

This **FSP** is divided into parts, paragraphs, subparagraphs, clauses and subclauses, illustrated as follows:

1. Part;
  - 1.1 to 1.1.1.1 Paragraph;
    - (a) Subparagraph;
      - (i) Clause;
        - (A) Subclause,

and a reference to a subparagraph, clause, or subclause is to be construed as a reference to a subparagraph, clause or subclause of the paragraph, subparagraph or clause, as the case may be, in which the reference occurs.

## 1.7 Appendices Part of FSP

The Appendices to this **FSP** are a part of this **FSP** and any reference in this **FSP** to this **FSP** includes a reference to the Appendices.

## 1.8 Forest Investment Account

The provisions of this **FSP** do not apply to the **Licensee** when carrying out a forest practice that is referred to in section 2(1) of **FPPR**.

## 1.9 Cancellation of Designation, Objective, Notice, Species or Order

Without limiting any other provision in this **FSP**, if:

- (a) a designation or other thing referred to in section 14(2) of **FPPR**, other than a **CP** or **RP**;
- (b) an established objective;
- (c) a notice under section 7 of **FPPR**;
- (d) a designation of a species; or
- (e) an order in respect of the foregoing,

for or in respect of which a result or strategy is included under this **FSP**, is cancelled or is otherwise no longer in effect, the result or strategy under this **FSP** pertaining to that designation, objective, notice, species or order no longer applies effective the date it is cancelled or is otherwise no longer in effect.

## 1.10 Authority from Government

Without limiting any other provision in this **FSP**, this **FSP** does not apply to a primary forest activity undertaken by the **Licensee** if and to the extent the government, with the consent of the **Licensee**, expressly authorizes such activities to be undertaken in a manner that differs from the requirements of this **FSP**.

## 1.11 No Prohibition on Activities Otherwise Permitted or Required

Despite any other provision in this **FSP**, nothing in this **FSP** prevents, affects or limits the **Licensee** from carrying out an activity permitted by section 4(1.1) of **FPPR**.

## 2 APPLICATION OF THIS FSP (FRPA Section 3(4))

This **FSP** applies to the **Licensee** and **Licences** as indicated in the following table:

<b>Licensee</b>	<b>Licences</b>
Teal Cedar Products Ltd.	Forest <b>Licence</b> A19201
Teal Cedar Products Ltd.	Timber <b>Licence</b> T0822

The portion of **FDU 2** that is located within the Mission Tree Farm **Licence 26** (TFL) is included in the **FSP** only for the purposes of allowing for road access through the TFL to Forest **Licence** A19201.

## 3 FSP MAP (FRPA Section 5(1)(a))

The **FSP** map is found in Appendix 1.

## 4 TERM OF THIS FSP (FRPA Section 6(1))

The term of this **FSP** is five years. The term commences on the date specified by government in approval of this **FSP**.

## 5 AREAS SUBJECT TO CUTTING PERMIT OR ROAD PERMIT (FPPR Section 14(3)(j))

Areas within this **FSP** that are subject to **CPs** that are held by the **Licensee** and were in effect on the **Date of Submission** are listed in Appendix 2.

Roads within this **FSP** that are subject to **RPs** that are held by the **Licensee** and were in effect on the **Date of Submission** are shown on the **FSP** map.

## 6 SECTION 196(1) CUTBLOCKS AND ROADS

The cutblocks and roads to which section 196(1) of **FRPA** applies are listed in Appendix 4.

## 7 RESULTS OR STRATEGIES (FRPA Section 5(1)(b))

### 7.1 Land Use Objectives

#### 7.1.1 Established Landscape Units

##### Result or Strategy

In the following **FDUs**, or portions thereof, that occur within the Landscape Units indicated in the following table, as of the **Legislated Planning Date**:

<b>FDU</b> <sup>1</sup>	<b>Landscape Unit</b>	<b>Effective Date of Objective</b>
8	Ainslie	January 13, 2004
6	Anderson	January 13, 2004
7	Nahatlatch	January 13, 2004
5	Coquihalla	April 14, 2004
3	West Harrison	June 24, 2005
3	Chehalis	March 15, 2006

(a) the **Licensee's** timber harvesting and road construction activities will:

- i) be consistent with Legal Objectives 1 and 2 for those Landscape Units, as those Legal Objectives were on the **Legislated Planning Date**; and
- ii) without limiting subparagraph (a)(i), not cause:
  - A) the cumulative maximum area of modification of an **OGMA** permitted under Paragraph 2 or 3 of each Objective 1 for each of the Landscape Units specified in this Paragraph to be exceeded; and
  - B) the total percentage wildlife tree retention by BEC Subzone specified in Table A of Objective 2 for each of the Landscape Units specified in this Paragraph not to be met; and

(b) to assist the **Licensee** in meeting the requirements of subparagraph (a)(ii), the **Licensee** will, to the extent practicable to do so, seek information from other holders of **FSPs** in the Landscape Units specified in this Paragraph regarding the amount and location of their planned timber harvesting and road construction activities.

## 7.1.2 Order Establishing Provincial Non-Spatial Old Growth Objectives

### Result or Strategy

In the following **FDUs**, or portions thereof, that occur within the Landscape Units indicated in the following table, as of the **Legislated Planning Date**:

<b>FDU</b>	<b>Landscape Unit</b>
1	Pitt
1	Widgeon
2	Hatzic

(a) the **Licensee's** timber harvesting and road construction activities will:

- i. subject to subparagraph (a)(ii):
  - (A) be consistent with parts A2 and A5 to A7 of the *Order Establishing Provincial Non-Spatial Old Growth Objectives* (effective June 30, 2004); and
  - (B) without limiting clause (i)(A), not cause the percentage of old forest retention specified in the Order referred to in clause (i)(A) not to be met;
- ii. subject to subparagraph (a)(iii), if a draft **OGMA** is specified for the Landscape Unit under part A8 of the Order, be consistent with the draft objective that pertains to that draft **OGMA**, in which case subparagraph (a)(i) will not apply;
- iii. if an **OGMA** and objective is established in the Landscape Unit, be consistent with that objective, in which case subparagraph (a)(i) and (ii) will not apply; and

(b) to assist the **Licensee** in meeting the requirements of subparagraph (a)(i)(B), the **Licensee** will, to the extent practicable to do so, seek information from other holders of **FSPs** in the Landscape Units specified in this Paragraph regarding the amount and location of their planned timber harvesting and road construction activities.

## 7.2 Objectives Set By Government Under Section 149 of the FRPA

### 7.2.1 Objectives set by government for soils (FPPR Section 5)

#### Result or Strategy

For all **FDUs** the **Licensee** adopts, as a result or strategy under this **FSP**, the following sections of **FPPR**, as they were on the **Legislated Planning Date**:

- (a) section 35                *Soil disturbance limits*; and
- (b) section 36                *Permanent access structure limits*.

### 7.2.2 Objectives set by government for wildlife (FPPR Section 7)

#### 7.2.2.1 Coastal Tailed Frog (*Ascaphus truei*)

#### Result or Strategy

For the purposes of the December 2004 MWLAP *Notice – Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Species at Risk in the Chilliwack Forest District* (for the Coastal Tailed Frog); the **Licensee** will, for all **FDUs** under this **FSP**, conserve wildlife habitat that is consistent with the *Notice*, as it was on the **Legislated Planning Date**, in an area for the Coastal Tailed Frog, provided that:

- (a) the Coastal Tailed Frog is known to be present in the area;
- (b) the area contains habitat that is consistent with the *Notice*; and
- (c) the *Notice* remains in effect.

### 7.2.2.2 Spotted Owl (*Strix occidentalis*)

#### Result or Strategy

For the purposes of the December 2004 **MWLAP Notice – Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Species at Risk in the Chilliwack Forest District** (for Spotted Owl), the **Licensee** will be consistent with the amount, distribution and attribute requirements for **SRMZs**, as specified in the following subparagraphs:

- (a) the amount of area will be consistent with the area contained within **SRMZ** boundaries in the Chilliwack Forest District (listed in the table below and shown on the **FSP** map) as identified in the *1997 Spotted Owl Management Plan*, as the *1997 Spotted Owl Management Plan* was on the **Legislated Planning Date**;
- (b) the amount referenced above will be distributed consistent with **SRMZ** boundaries in the Chilliwack Forest District (listed in the table below and shown on the **FSP** map) as identified in the *1997 Spotted Owl Management Plan*, as the *1997 Spotted Owl Management Plan* was on the **Legislated Planning Date**;
- (c) the attributes will be consistent with those identified for Long Term Activity Centers in the *1999 Spotted Owl Management Plan – Resource Management Plans* for the Chilliwack Forest District (listed in the table below and shown on the **FSP** map), as the *1999 Spotted Owl Management Plan – Resource Management Plans* was on the **Legislated Planning Date**.

A list of **SRMZs** within this **FSP** is shown in the following table:

<b>FDU</b> <sup>1</sup>	<b>Applicable Landscape Unit</b>	<b>SRMZ</b>	<b>SRMZ Name</b>
5	Coquihalla	4	Sowaqua
6	Anderson/Uztlius	11	Anderson River
3	West Harrison/Chehalis	6	Chehalis

<sup>1</sup> “**FDU**” in the foregoing table means the part(s) of the forest development unit, located within the **SRMZ** as of the **Legislated Planning Date**.

### 7.2.2.3 Mountain Goat (*Oreamnos americanus*)

#### Result or Strategy

The **Licensee**:

- (a) in the **GWR** polygons shown on the **FSP** maps, subject to subparagraph (c):
- i) will not construct road, unless:
    - A) there is no other practicable option;
    - B) the road construction is for the purposes of salvage harvesting;
    - C) the road construction is for the purposes of enhancing the quality of the **GWR**; or
    - D) the road construction is otherwise authorized by the **MOE**;
  - ii) will not harvest timber, unless:
    - A) the timber harvesting is for the purposes of salvage harvesting;
    - B) the timber harvesting is for the purposes of enhancing the quality of the **GWR**; or
    - C) the timber harvesting is otherwise authorized by the **MOE**;
  - iii) may conduct road maintenance, road deactivation and/or road brushing/clearing. These activities will only occur within the approved right of way areas for the roads;
  - iv) may fall snags/danger trees, fall guy line anchor trees and/or fall tail hold anchor trees; if required to address worker safety. The **Licensee** will leave these trees felled on site, unless any part of the felled trees lie outside of the **GWR** polygon; and
  - v) will not use pesticides, unless the use of pesticides is authorized by the **MOE**.
- (b) will not conduct road construction or timber harvesting activities within 500m of a **GWR** polygon shown on the **FSP** map, subject to subparagraph (c), between October 31 and May 1 in a given year, unless an extension to this timing window is approved by the **MOE**.
- (c) may relocate and/or adjust the **GWR** polygon boundaries if the changes:
- (i) are consistent with the December 2004 MWLAP *Notice – Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Winter Survival of Ungulate Species in the Fraser Timber Supply Area* (for Mountain Goat); and
  - (ii) result in at least the same contribution of habitat that was in the **GWR** polygon(s) on the **Date of Submission**.

#### 7.2.2.4 Black-tailed and Mule Deer (*Odocoileus hemionus sp.*)

### Result or Strategy

The **Licensee**:

- (a) in the **DWR** polygons shown on the **FSP** maps, subject to subparagraph (b):
- i) will not construct road, unless:
    - A) there is no other practicable option;
    - B) the road construction is for the purposes of salvage harvesting;
    - C) the road construction is for the purposes of enhancing the quality of the **DWR**; or
    - D) the road construction is otherwise authorized by the **MOE**;
  - ii) will not harvest timber, unless:
    - A) the timber harvesting is for the purposes of salvage harvesting;
    - B) the timber harvesting is for the purposes of enhancing the quality of the **DWR**; or
    - C) the timber harvesting is otherwise authorized by the **MOE**;
  - iii) may conduct road maintenance, road deactivation and/or road brushing/clearing. These activities will only occur within the approved right of way areas for the roads;
  - iv) may fall snags/danger trees, fall guy line anchor trees and/or fall tail hold anchor trees; if required to address worker safety. The **Licensee** will leave these trees felled on site, unless any part of the felled trees lie outside of the **DWR** polygon; and
  - v) will not use pesticides, unless the use of pesticides is authorized by the **MOE**.
- (b) may relocate and/or adjust the **DWR** polygon boundaries if the changes:
- (i) are consistent with the December 2004 MWLAP *Notice – Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Winter Survival of Ungulate Species in the Fraser Timber Supply Area* (for Black-tailed and Mule Deer); and
  - (ii) result in at least the same contribution of habitat that was in the **DWR** polygon(s) on the **Date of Submission**.

### 7.2.2.5 Grizzly Bear (*Ursus arctos*)

#### Result or Strategy

**MOE** has established 18 Grizzly Bear **WHAs** within the Chilliwack Forest District. Additional Grizzly Bear habitat is required in order to fulfill the December 2004 MWLAP Notice – *Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Species at Risk in the Chilliwack Forest District* (for Grizzly Bear).

Until such time as the **MOE** establishes the additional **WHAs** necessary to satisfy the Notice, as it was on the **Legislated Planning Date**; the **Licensee** will not harvest timber or construct road within the Draft Grizzly Bear **WHAs** shown on the **FSP** maps, unless timber harvesting or road construction is authorized by the **MOE**.

### 7.2.3 Objectives set by government for water, fish, wildlife and biodiversity within riparian areas (FPPR Section 8 and 12(3))

#### Result or Strategy

For all **FDUs** under this **FSP**, the **Licensee**:

(a) adopts as a result or strategy, the following sections of **FPPR**, as they were on the **Legislated Planning Date**:

- i) section 47(4) to (6) *Stream riparian classes*;
- ii) section 48(3) to (5) *Wetland riparian classes*;
- iii) section 49(2) and (3) *Lake riparian classes*;
- iv) section 50(1) *Restrictions in a riparian management area*;
- v) section 51(1) and (3) *Restrictions in a riparian reserve zone*;
- vi) section 52(2) *Restrictions in a riparian management zone*; and
- vii) section 53 *Temperature sensitive streams*.

(b) will, if it completes harvesting in a cutblock, ensure that for each of the following riparian classes, the total basal area retained within all of the riparian management zones combined for each riparian class present within a cutblock meets the minimum requirements specified in the following table:

Column 1 Riparian Class	Column 2 Basal Area to be Retained (% of the total pre-harvest basal area to be retained within each cutblock by riparian class)
S1-A, S1-B, S2, S3	≥ 20
S4	≥ 10
S5 (valley bottom)	≥ 10
S5 (non-valley bottom)	≥ 0
S6	≥ 0
W1, W2, W3, W4, W5	≥ 10
L1-A, L1-B	≥ 0
L2, L3, L4	≥ 10

and, for the purpose of calculating the total basal area retention requirement for a particular riparian class within a cutblock, the basal area is determined based on the amount of basal area that is present within a particular cutblock immediately before harvest commencement. The level of basal area retention within riparian management zones will be determined by a qualified professional based on those factors in **FPPR** Schedule 1, section 2.

## 7.2.4 Objectives set by government for water in community watersheds (FPPR Section 8.2)

### Result or Strategy

The community watersheds that were in effect on the **Legislated Planning Date**, under this **FSP**, are as follows:

1. Gurney Creek community watershed – located within **FDU 1**
2. Jamieson Creek community watershed – located within **FDU 8**
3. Norrish Creek community watershed – located within **FDU 2**

In a community watershed specified above, the **Licensee**, will when carrying out a primary forest activity to which this **FSP** applies, do so in a manner that, to the extent it does not unduly reduce the supply of timber from British Columbia's forests, is consistent with recommendations in an assessment prepared by a qualified professional of that community watershed, or the relevant portion thereof, regarding the location, amount or rate of harvesting and road construction that will not cause the cumulative hydrological effects of those activities within the community watershed to result in:

- (a) a material adverse impact on the quantity of water or the timing of the flow of 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 licence pertaining to the waterworks.

## 7.2.5 Objectives set by government for wildlife and biodiversity – landscape level (FPPR Section 9)

### Result or Strategy

For all **FDUs** the **Licensee** adopts, as a result or strategy under this **FSP**, the following sections of **FPPR**, as they were on the **Legislated Planning Date**:

- (a) section 64            *Maximum cutblock size; and*
- (b) section 65            *Harvesting adjacent to another cutblock.*

## 7.2.6 Objectives set by government for wildlife and biodiversity – stand level (FPPR Section 9.1)

### Result or Strategy

For **FDUs** 1 and 2 the **Licensee** adopts, as a result or strategy under this **FSP**, section 66 *Wildlife tree retention* of **FPPR**, as it was on the **Legislated Planning Date**.

For **FDUs** 1 and 2 the **Licensee** adopts, as a result or strategy under this **FSP**, section 67 *Restriction on harvesting* of **FPPR**, as it was on the **Legislated Planning Date**.

For **FDUs** 3 and 5 to 8 the **Licensee** will be consistent with Legal Objective 2 for those Landscape Units indicated in the table in paragraph 7.1.1, as those Legal Objectives were on the **Legislated Planning Date**.

## 7.2.7 Objectives set by government for cultural heritage resources (FPPR Section 10)

### Result or Strategy

#### 7.2.7.1 Definitions

For the purpose of this result or strategy “**Aboriginal People**” means an aboriginal people whose asserted traditional territory overlaps with an **FDU** within this **FSP**.

### 7.2.7.2 Conservation and Protection of Cultural Heritage Resources

For all **FDUs** under this **FSP** the **Licensee** will:

(a) ensure that a primary forest activity to which this **FSP** applies will not cause a cultural heritage resource that is:

- (i) referred to in section 10 of **FPPR**, as it was on the **Date of Submission**;
- (ii) likely to be adversely impacted by that primary forest activity;
- (iii) not conserved or protected through:
  - A) legislation, plans or policies; or
  - B) other means or arrangements, developed or accepted through working relationships with an **Aboriginal People**; and
- (iv) important, valuable and scarce in the context of a traditional use by an **Aboriginal People**, based on input from an **Aboriginal People**

to become unavailable for use by an **Aboriginal People** up to the historical extent of its traditional use by that **Aboriginal People**, unless it is confirmed by government in consultation with that **Aboriginal People** that it is not necessary to conserve or protect the cultural heritage resource; and

(b) make reasonable efforts to:

- (i) allow an **Aboriginal People** that are likely to be affected by activities to which this **FSP** applies an opportunity to provide information on cultural heritage resources;
- (ii) provide information to an **Aboriginal People** regarding activities:
  - (A) to which this **FSP** applies;
  - (B) that are proposed within the asserted traditional territory of that **Aboriginal People**; and
  - (C) that are likely to affect that **Aboriginal People**; and
- (iii) establish a communications protocol agreement in writing, if requested by an **Aboriginal People** and if established, follow that agreement, in which case subparagraph (b)(i) and (ii) will not apply in respect of that **Aboriginal People**.

## 7.3 Objectives Enabled In Regulation – GAR

### 7.3.1 Visual Quality Class Continued (GAR Section 17)

#### Result or Strategy

In all **FDUs** under this **FSP**:

- (a) subject to subparagraph (c), the **Licensee** will design timber harvesting and road construction activities, to which this **FSP** applies, to be consistent with the established visual quality objectives that are in effect on the **Legislated Planning Date** and applicable to the **Scenic Areas** in which the timber harvesting or road construction activities are located; and
- (b) the **Licensee** will harvest timber and construct road in a manner consistent with the design referred to in subparagraphs (a) or (c);
- (c) the **Licensee** may design timber harvesting and road construction activities that produce alterations different than that specified for a visual quality objective to the extent that the timber harvesting or road construction activities are authorized or required by the government.

## 8 MEASURES

### 8.1 Invasive Plants (FPPR Section 17)

#### Measures

In all **FDUs** the **Licensee** will:

- (a) monitor the presence and spread of invasive plants during silviculture surveys and road inspections within cutblocks and along roads that are subject to a **CP** or **RP** held by the **Licensee** and to which this **FSP** applies;
- (b) report recorded invasive plant infestations annually to the **MOFR**;
- (c) if, in areas where invasive plants have been recorded and more than 0.25 contiguous ha of mineral soil has been exposed by road or landing construction or scarification within a cutblock, re-vegetate the disturbed area within one year of disturbance and within the growing season, with the exclusion of the road surface of active roads, if:
  - i) such disturbance is likely to result in the introduction or spread of invasive plants; and
  - ii) such re-vegetating will materially reduce that likelihood of the spread of invasive plants;
- (d) use seed to re-vegetate soils that will meet or exceed the Canada Common # 1 Forage grade.

### 8.2 Natural Range Barriers (FPPR Section 18)

#### Measures

The **Licensee** will:

- (a) annually gather information from the **MOFR** district range staff or regional experts to identify areas within **FDUs** that are subject to or adjacent to range tenures under the *Range Act*;
- (b) inform range tenure holders of planned timber harvesting and road construction activities within or adjacent to their range tenure; and
- (c) mitigate the effect of removing or rendering ineffective a natural range barrier, where a range tenure holder indicates that planned timber harvesting and road construction activities will remove or render ineffective a natural range barrier.

## 9 STOCKING STANDARDS

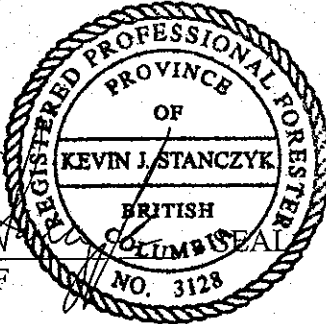
The stocking standards are specified in the following subparagraphs:

- (a) subject to subparagraph (e), the stocking standards under this **FSP** apply to all **FDUs**, in all situations where a free growing stand is required to be established under section 29 of **FRPA**, in respect of all **CPs** issued after this **FSP** is approved;
- (b) section 44 of **FPPR** applies in all situations where a free growing stand is required to be established under this **FSP**;
- (c) section 45 of **FPPR** is not applicable to the **FSP** area; and
- (d) the tables in Appendix 3 specify the Regeneration Dates, Free Growing Heights and Stocking Standards. In addition to Appendix 3, the following stocking standards apply:
  - i) the conifer to fireweed competition ratio will be not less than 1:1 at free growing.
  - ii) naturally occurring coniferous species not listed in Appendix 3 for a site series will be treated as acceptable if they are performing well at free growing, provided that:
    - A) no more than 5% of the target stocking will be comprised of these trees; and
    - B) the minimum height of these trees will be the average of the minimum heights of the preferred trees specified in Appendix 3, for that site series.
  - iii) in areas with root rot (all species, including *Phellinus weirii*) centers with over 40% incidence:
    - A) alternate species to Douglas-fir will be planted; and
    - B) up to 20% natural Douglas-fir with good form and vigour will be acceptable at free growing in these areas.
- (e) the **Licensee** may, from time to time during the term of the plan, give notice to the **MOFR** that the stocking standards specified under this **FSP** apply to:
  - i) a cutblock listed in Appendix 2 of the **FSP**;
  - ii) a cutblock for which the **Licensee** is responsible for and the **CP** that pertains to that cutblocks has expired; or
  - iii) a cutblock included in a **CP** that was issued to the **Licensee** after the **Legislated Planning Date**, but before this **FSP** is approved.

# 10 SIGNATURES

## Signature of Preparing Forester:

Name: Kevin Stanczyk  
 Kevin Stanczyk, RPF  
 Divisional Engineer



*"I certify that the work described herein fulfills the standards acceptable of a Registered Professional Forester and that I did personally supervise the work".*

Date: December 18, 2006

## Signature of Person Required to Prepare the Plan (FPRA Section 5(3)):

Name: J. Pichugin  
 John Pichugin, RPF  
 Manager, Engineering & Forestry

*"I certify that I have reviewed this document and, although I did not personally supervise the work, I have determined that it has been done to the standards expected of a member of the Association of British Columbia Forest Professionals".*

Date: December 18, 2006