

Louisiana-Pacific Canada Ltd.

TFL 55



Forest Stewardship Plan

2007 - 2011

November 14, 2006

Note: extension granted to January 26, 2018

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1.0 Definitions and Interpretation

Definitions: In this forest stewardship plan:

“FDU” means forest development unit;

“FPPR” means the Forest Planning and Practices Regulation;

“FRPA” means the Forest and Range Practices Act;

“FSP” means forest stewardship plan;

“LP” means Louisiana-Pacific Canada Ltd;

“RHLPO” means Revelstoke Higher Level Plan Order effective March 25, 2005;

“TFL” means Tree Farm Licence 55

Interpretation: In this forest stewardship plan:

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

1.2 Where references are made to FRPA, FPPR or objectives set by government, those references are applicable to the statute, regulation or objective that was in existence on the submission date of this FSP.

1.3 Where references are made to the RHLPO those references are applicable to the order that was in existence on the submission date of this FSP.

2.0 Term

The Term of this FSP is 5 years beginning on the date specified in writing by the minister in approving the plan.

3.0 Forest Development Units

In this FSP there are two FDU's, named Mica and Goldstream respectively, that are identified in Figure 1.0

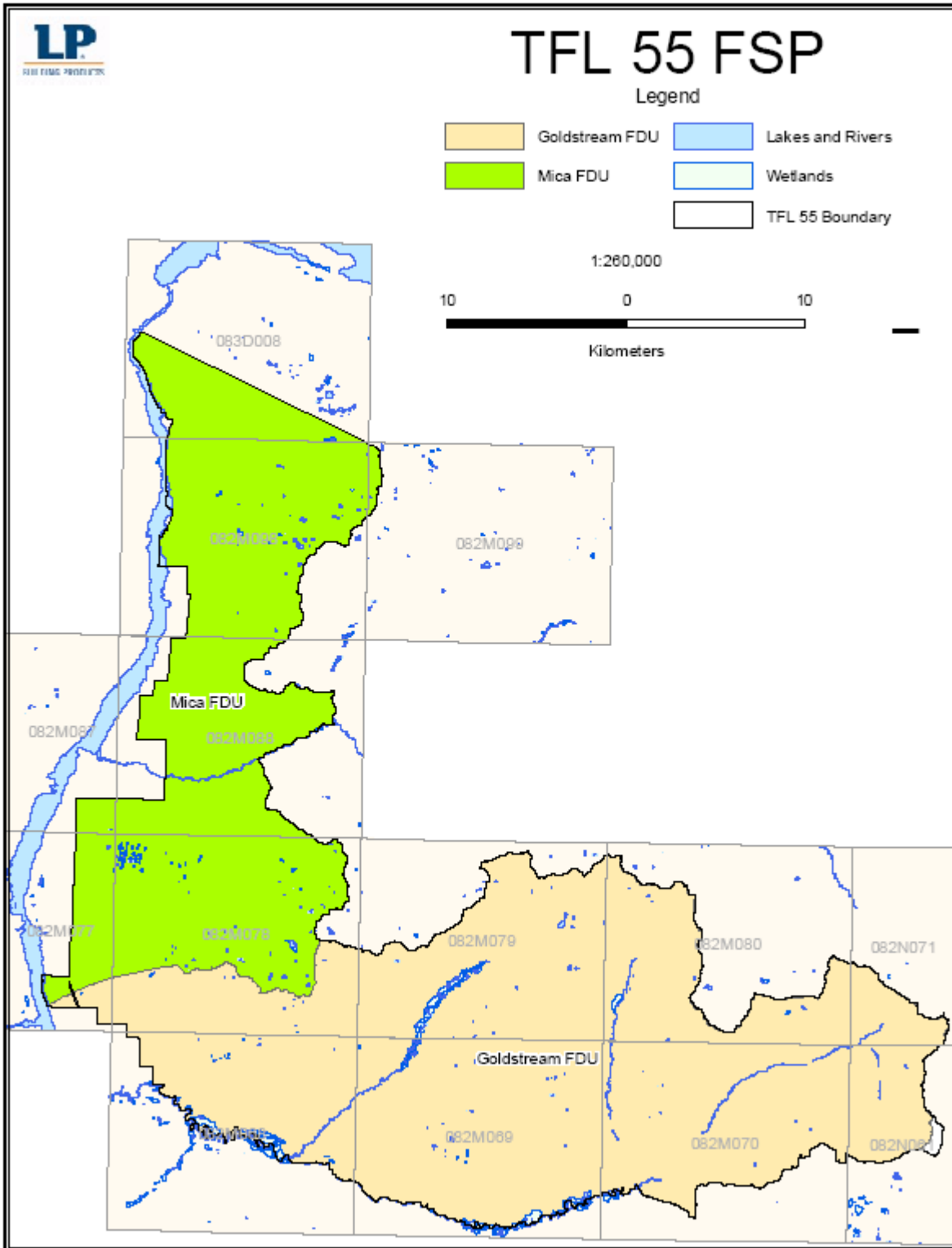
3.1 Included in FDU's are areas of individual cutblocks and roads that are subject to a cutting permit, and road permit. These areas are detailed in appendix 1

3.2 The areas within the FDU's to which section 196 (1) or (2) of the FPRA is applicable are specified in appendix 2 and identified on maps appendix 3.

3.3 For the purposes of section 197 (7) of the FRPA the results, strategies and measures in this FSP apply to each

- (i) each cutblock if, on the date this FSP is approved the cutblock is subject to a cutting permit and timber harvesting on the cutblock has not commenced and
- (ii) each road if, on the date this FSP is approved, the road is subject to a cutting permit or road permit.

Figure 1.0



4.0 Results and/or Strategies

Revelstoke Higher Level Plan Order

4.1 The results or strategies for the applicable objectives in Part 2 of the RHLPO are set out below in Column 2 opposite the objective in Column 1 to which the results or strategies relate:

Objective	Result or Strategy
Objective 1 Biodiversity	Map 1.1 appendix 3
Objective 2 Old and Mature Forest	Map 2.1, Table 2.1 & 2.4 and subsections b) through i)
Objective 3 Caribou	Map 3.1, Table 3.1 and subsections b) through f)
Objective 4 Grizzly Bear	subsections a) through c)
Applicable FDU	<ul style="list-style-type: none"> <li style="display: inline-block; width: 45%; text-align: center;">• Mica <li style="display: inline-block; width: 45%; text-align: center;">• Goldstream

Forest Planning and Practices Regulation

4.2 Objective Set by Government for Soils

4.2.1 The intended result or strategy for the objective set by government for soils that is set out in section 5 of the FPPR are sections 35 and 36 of the FPPR.

4.3 Objective Set by Government for Water, Fish, Wildlife and Biodiversity within Riparian Areas

4.3.1 In relation to the objective set by government for water, fish, wildlife and biodiversity set out in section 8 of the FPPR, the intended results or strategies that apply to LP's primary forest activities

(a) the requirements of section 47 to 51 and 53 of the FPPR, and
 (b) to retain basal area within the riparian management zone within a cutblock in accordance with the following:

- (i) for S1-A, S1-B, S2 and S3 Streams, a minimum of 20% of the pre-harvest basal area.
- (ii) for S4 and S5 streams, a minimum of
 - (a) 0% of the pre-harvest basal area if windthrow hazard is high, or
 - (b) 10% of the pre-harvest basal area if windthrow is other than high, unless the trees that would otherwise be required to be retained are

- i. infested with primary bark beetle that are the first to arrive at, utilize, complete development in, and potentially kill an apparently healthy, living tree,
 - ii. danger trees
 - iii. have roots that are embedded in the stream bank,
 - iv. located within 5m of either side of a skid crossing
 - v. located within the right of way of a stream crossing or
- (iii) for S6 streams, a minimum of 0% of the pre-harvest basal area
- (iv) for W1, W3 and W5 wetlands, a minimum of 10% of the pre-harvest basal area.

4.4 Objective Set by Government for wildlife and biodiversity-landscape level

4.4.1 In relation to the objective set by government for wildlife and biodiversity

set out in section 9 of the FPPR, the intended results or strategies are

- (a) the requirements of section 64 of the FPPR, and
- (b) the requirements of section 65 of the FPPR except that the reference to 3 m in subsection (3) (a) and (4) (a) is replaced with a reference to 2.0 m.

4.5 Objective Set by Government for wildlife and biodiversity-stand level

4.5.1 Wildlife Tree Retention

4.5.1.1 In relation to the objective for wildlife and biodiversity at the stand level set out in section 9.1 of the FPPR, the intended results or strategies that apply to the areas of primary forest activity for each FDU are that

- (a) if LP completes harvesting in one or more cutblocks during any 12 month period beginning on April 1 of any calendar year, LP must ensure that, at the end of that 12 month period, the total area covered by wildlife tree retention areas at the completion of harvesting that relate to the cutblocks is a minimum of 7% of the total area of the cutblocks, and
- (b) if LP harvests timber in a cutblock that is 15 hectares or greater in size, LP must ensure that, at the completion of harvesting, the total amount of wildlife tree retention areas that relates to the cutblock is a minimum of 3.5% of the cutblock.

4.5.1.2 For the purposes of paragraph 4.5.1.1, a wildlife tree retention area may relate to more than one cutblock if all of the cutblocks that relate to the wildlife tree retention area collectively meet the applicable requirements of that paragraph.

- 4.5.2.1 In relation to the objective for wildlife and biodiversity at the stand level set out in section 9.1 of the FPPR, the intended results or strategies that apply to the areas of primary forest activity are that LP may only harvest timber from a wildlife tree retention area if
- (a) the trees on the net area to be reforested of the cutblock to which the wildlife tree retention area relates have developed attributes that are consistent with a mature seral condition,
 - (b) the trees to be harvested from within the wildlife tree retention area are danger trees,
 - (c) LP specifies one or more wildlife tree retention areas that provide an area, number of trees or habitat that is equivalent to the portion of the wildlife tree retention area from which the timber is being harvested.

4.6 Objective Set by Government for cultural heritage resources

- 4.6.1 In relation to the objective set by government for cultural heritage resources set out in section 10 of the FPPR, the results or strategies that apply to each FDU are
- (a) on an annual basis, LP will make reasonable efforts to communicate to affected First Nations the approximate size, shape and location of timber harvesting and road construction if any, that are proposed for the following year,

 - (b) if at anytime LP receives site specific information concerning a cultural heritage resource to which the objective applies that is in or adjacent to a proposed cutblock or road, LP will
 - (i) record the location of the cultural heritage resource,
 - (ii) evaluate the direct impact of the road or cutblock on the cultural heritage resource,
 - (iii) modify the cutblock or road to ensure that the cultural heritage resource is conserved, or if necessary protected, considering
 - (A) the relative value or importance of the cultural heritage resource to a traditional use by an aboriginal people,
 - (B) the relative abundance or scarcity of the cultural heritage resource,
 - (C) the historical extent of the traditional use of the cultural heritage resource, and
 - (D) the impact on LP's timber harvesting rights in conserving or protecting the cultural heritage resource, and

- (iv) communicate the outcomes of clause (i) to (iii) to the effected First Nation,
- (c) subject to subparagraph (d), all primary forest activities will be consistent with any outcomes described in subparagraph (b), and
- (d) if a previously unidentified cultural heritage resource to which the objective applies is encountered during harvesting, road construction or mechanical site preparation, operations will
 - (i) cease to the extent necessary to protect the feature, until an assessment as described in subparagraph (b) can be carried out, and
 - (ii) continue in a manner that is consistent with the recommendations given in the cultural heritage assessment as described in subparagraph (b) .

5.0 Measures

5.1 Invasive Plants

5.1.1 The measures that LP will carry out in respect of section 47 of the FRPA are

- (a) on an annual basis using information gathered from the MOFR Invasive Alien Plants website http://www.for.gov.bc.ca/hfp/invasive/IAP_01.htm, LP will identify sites that are known to contain invasive plants,
- (b) within two years of completing timber harvesting or road construction on a area, LP will seed areas of disturbed soil with grass seed that meets or exceeds Canada Common #1 Specifications as defined by the Canada Seeds Act, if all of the following apply:
 - (i) the area contains invasive plants or is within 1 km of a site identified under paragraph (a);
 - (ii) the area was disturbed through LP's forest practices and has not been reforested;
 - (iii) grass will likely grow on the disturbed area and will materially reduce the likelihood of invasive plant germination, and
- (c) through monitoring, LP will ensure that disturbed areas that are seeded under paragraph (b) are revegetated within 3 years of completing timber harvesting or road construction on an area.
- (d) LP will report to the Columbia District MOFR, on an annual basis, identified occurrences of invasive plants that are a result of LP's primary forest activities.

5.2 Natural Range Barriers

No measures have been specified as no known natural range barriers exist within the identified FDU's.

6.0 Stocking Requirements

6.1 Stocking Standards

6.1.1 For the purposes of section 16 (1) of the FPPR section 44 (1) of that regulation will apply to every area where LP is required to establish a free growing stand.

6.1.2 For the purposes of section 16 (3) of the FPPR for each FDU in this plan where LP 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 FPPR, and
- (b) the applicable stocking standards and applicable free growing height referred to in section 44 (1) (b) of the FPPR are as set out in Appendix 4.

SIGNATURES OF PERSONS REQUIRED TO PREPARE PLAN

Preparing Forester



Michael Copperthwaite, RPF #3520

*"I certify that the work described
herein fulfills the standards expected
of a member of the Association of British
Columbia Forest Professionals"*

Authorized Company Official



Fernando Cocciolo, Area Forest Manager
Louisiana-Pacific Canada Ltd.