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MORICE TIMBER SUPPLY AREA

FOREST STEWARDSHIP PLAN

FOREST LICENCE A-16827

2024 Replacement (FSP id. 660 Amndt. #4)
Date Submitted to FSP Tracker: 4 July 2024
Approval Date:
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Amendment #3 1-yr Extension effective 29 July 2023 -28 July 2024
Amendment #3 - 24 November 2020
Version 1.4 Final - 19 March 2018

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SIGNATURE OF PERSONS REQUIRED TO PREPARE PLAN

Preparing Forester	RPF Signature and Seal
"*I certify that I have reviewed this document and, while I did not personally supervise the work described, I have determined that this work has been done to the standards expected of a member of the Association of British Columbia Forest Professionals.*"	 25 September 2024 _____ Kelsey Stasiuk, RPF Planning Forester
Authorized Licensee Signature	 25 September 2024 _____ Matt Sear, RPF Woodlands Manager Pacific Inland Resources A Division of West Fraser Mills Ltd.

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1 INTERPRETATION

1.1 Definitions

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

"Area Specific Management" means the area defined as such by the spatial dataset on the legal layer of the BC Geographic Warehouse;

"Effective Date" means the date the Term commences, as specified in Paragraph 3.1;

"FSP Holder" means a holder of a license specified in Paragraph 2.1;

"General Forest Area" means the area defined as such by the spatial dataset on the legal layer of the BC Geographic Warehouse;

"High Biodiversity Emphasis Area" means the area defined as such by the spatial dataset on the legal layer of the BC Geographic Warehouse;

"Legislated Planning Date" means:

(i) subject to subclause (ii), the date 4 months before the Submission Date; or

(ii) if an enactment or an established objective requires that a date different than the date referred to in subclause (i) be applied under this FSP, then that different date;

"Map", when followed by a number, means the map of that number in Appendix C to this FSP;

"Patch" means stand of trees that is larger than 1 hectare in size, even aged and differing in age from adjacent stands by more than 20 years;

"Permanent Road" means a road intended to facilitate long term harvesting, hauling and silviculture activities, typically planned to be maintained for longer than 5 years;

"Classified Riparian Feature" means a stream, wetland or lake with a riparian class determined under Division 3 *(Riparian areas)* of Part 4 (*Practice requirements) of the* FPPR;

"Qualified Professional" means a person who by education, experience and professional credentials is considered knowledgeable and able to provide expert advice on a given subject in a given situation;

"Rotation" means the time needed from regeneration of crop trees until those trees are harvestable timber and, for greater certainty, but without limiting the foregoing, means for the SBS 80-100 years and for the ESSF/ICH/CWH/MH 100-120 years;

"Submission Date" means the date this FSP is submitted for approval; and

"Wildlife Tree Retention Area" means an area occupied by wildlife trees that is (a) located in a cutblock, (b) in an area that is contiguous to a cutblock, or (c) in an area that is sufficiently close to the cutblock that the wildlife trees could directly impact on, or be directly impacted by, a forest practice carried out in the cutblock.

1.2 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* have the same meaning as those definitions as they were on the Legislative Planning Date.

1.3 Abbreviations

"ASM" means Area of Specific Management

"BEC" means biogeoclimatic ecological classification

"DDM" means Designated Decision Maker

"FLNRO" means the Ministry of Forests, Lands and Natural Resource Operations

"FRPA" means the *Forest and Range Practices Act* and the regulations thereunder

"FPPR" means the *Forest Planning and Practices Regulation*

"FSP" means forest stewardship plan

"FDU" means a forest development unit specified in Paragraph 4.1

"GAR" means Government Actions Regulation

"GFA" means General Forested Area

"HBEA" means High Biodiversity Emphasis Area

"OGMA" means Old Growth Management Area(s)

"NAR" means the net area to be reforested

"RMZ" means riparian management zone

"VQO" means visual quality objective

"WTRA" means Wildlife Tree Retention Area

1.4 Organization

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

1. Part;

1.1 Paragraph;

1.1.1 Subparagraph;

1.1.1.1 Clause;

1.1.1.1 (a) Subclause;

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

1.5 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.

1.6 Expressions Inclusive

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

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.

2 APPLICATION OF THIS FSP

2.1 Licences and New Permits

This FSP applies to each cutting permit and road permit that:

(a) has a term that commences on or after the FSP Term commences;

(b) applies to an area within an FDU; and

(c) is issued under or granted in respect of Forest License A16827.

2.2 Application of the FSP to Permits Issued during Term of Previous FSP

This FSP does not apply to each cutting permit or road permit issued under the previous FSP except enhanced basic silviculture stocking standards (Appendix A) which may be utilized by CPs approved under a previous FSP.

3 TERM OF THIS FSP

3.1 Commencement of Term

The Term of this FSP commences on the date this plan is approved by the DDM.

3.2 Length of Term

The length of the Term of this FSP is 5 years from the commencement of the term.

4 IDENTIFYING FOREST DEVELOPMENT UNITS

4.1 Boundaries of FDUs

The FDUs to which this FSP applies:

(a) are the Morrison FDU and the Tanglechain FDU;

(b) have the boundaries that, subject to subparagraph (c), are shown on Maps 1 and 2 in Appendix C; and

(c) exclude Private land, parks, Indian Reserves, the areas of woodlot licenses, community forests, tree farm licenses, first nation woodland licenses, timber sale licenses, recreation sites, and any other area that is not within a Provincial Forest that otherwise fall within a FDU boundary as shown on Maps 1 and 2.

4.2 Designations, Permits and Other Things

For the purposes of sections 14(2) and (3) of the FPPR, Maps 1 and 2 identifies each of the following things that are within an FDU and in effect as of the Legislated Planning Date:

(a) ungulate winter range;
  (i) Morice TSA Goat UWR Plan U-6-003 (effective August 14, 2013)

(b) wildlife habitat area;
  (i) none apply to the FDU's within this FSP

(c) fisheries sensitive watershed;
  (i) none apply to the FDU's within this FSP

(d) lakeshore management zone, as referred to in section 14(3)(d) of the FPPR;
  (i) None apply to the FDU's within this FSP

(e) scenic area;
  (i) refer to Paragraph 5.3; Visual Quality

(f) L1 lake, as referred to in section 14(3)(f) of the FPPR;
  (i) none apply to the FDU's within this FSP

(g) community watershed;
  (i) none apply to the FDU's within this FSP

(h) old growth management area;
  (i) refer to Subparagraph 5.1.4; Old Growth Management Areas

(i) declared areas;
  (i) Refer to Appendix E for a list of declared areas

(j) an area where commercial timber harvesting is prohibited by an enactment other than the FPPR; and
  (i) None apply to the FDU's within this FSP

(k) the cutting permits and road permits held by the FSP Holder under the license referred to in Paragraph 2.1 and within the FDUs.
  (i) Refer to Appendix D

5 RESULTS OR STRATEGIES

5.1 Objectives set by Government for Biodiversity

5.1.1 Seral Stage within the General Forested Area (GFA)

Background Information	
Summary of Objective	Maintain a distribution of seral classes across the Morice LRMP area as outlined in Table 1 for the General Forested Area.
Source of Objective	***Ministerial Order under the Land Use Objectives Regulation for the Morice Land and Resource Management Plan Area***
Date Objective in Effect	September 30, 2016

Result or Strategy

5.1.1.1 Limits on Activities to Maintain Natural Seral Stage Distribution

If the FSP Holder harvests a cutblock within that portion of the General Forested Area in an FDU, that FSP Holder will not by, and as of the conclusion of, that harvesting, cause the amount of:

(a) Old, or Mature and Old seral timber to fall below; or

(b) Early seral timber to exceed,

the applicable Seral Stage Target set out in Table 1:

Table 1 Seral Class Distribution Requirements for the Morice LRMP

RESOURCE MANAGEMENT ZONE	BEC VARIANT	Early* Seral[2] Maximum (%)	Mature*+ Old* Seral Minimum (%)	Old* Seral Minimum (%)
General Forested Area[1]	$CWHws_2$ and $MHmm_2$	27	64	62
	ESSFmc and $ESSFmv_3$	38	37	34
	ESSFmk	9	83	82
	SBSdk	64	10	8
	$SBSmc_2$ and $SBSwk_3$	48	20	17

[1] For the purposes of meeting the early and old seral class requirements, No Harvest Areas, ASM and OGMA Areas are considered part of the General Forested Area.

[2] Unharvested mountain pine beetle-killed stands will not contribute to early seral for the next 40 years following the effective date of this order.

* Early is defined as <40 years; Mature is 100-140 years; Old is >140 years.

- $CWHws_2$ and $MHmm_2$ are combined due to their small incidence in the plan area and similarity in Range of Natural Variation.
- $ESSFmv_3$ is combined with ESSFmc, and $SBSwk_3$ is combined with $SBSmc_2$ due to their small incidence in the plan area.

5.1.2 Seral Stage within High Biodiversity Emphasis Areas (HBEA)

Background Information	
Summary of Objective	Maintain a distribution of seral classes across the Morice LRMP area as outlined in Table 2 for each High Biodiversity Emphasis Areas (HBEA).
Source of Objective	***Ministerial Order under the Land Use Objectives Regulation for the Morice Land and Resource Management Plan Area***
Date Objective in Effect	September 30, 2016

Result or Strategy

5.1.2.1 Limits on Activities to Maintain Natural Seral Stage Distribution

If the FSP Holder harvests a cutblock within the FDUs, that FSP Holder will not by, and as of the conclusion of, that harvesting, cause the amount of:

(a) Old, or Mature and Old timber to fall below; or

(b) Early seral timber to exceed,

the applicable Seral Stage Target in Table 2:

Table 2. Seral Class Distribution Requirements for High Biodiversity Emphasis Areas (HBEA**)**

RESOURCE MANAGEMENT ZONE	BEC VARIANT	Early* Seral[2] Maximum (%)	Mature*+ Old* Seral Minimum (%)	Old* Seral Minimum (%)
Friday/Nakinilerak/ Hautete Lakes HBEA	$CWHws_2$ and $MHmm_2$	16	71	70
	ESSFmc and $ESSFmv_3$	28	48	42
	ESSFmk	7	86	84
	SBSdk	50	21	16
	$SBSmc_2$ and $SBSwk_3$	37	33	26
Morrison Lake HBEA	$CWHws_2$ and $MHmm_2$	16	71	70
	ESSFmc and $ESSFmv_3$	28	48	42
	ESSFmk	7	86	84
	SBSdk	50	21	16
	$SBSmc_2$ and $SBSwk_3$	37	33	26

[1] For the purposes of meeting the early and old seral class requirements, Area Specific Management Areas are considered part of the General Forested Area.

[2] Unharvested mountain pine beetle-killed stands will not contribute to early seral for the next 40 years following the effective date of this order.

*Early is defined as <40 years; Mature is 100-140 years; Old is >140 years.

- $CWHws_2$ and $MHmm_2$ are combined due to their small incidence in the plan area and similarity in Range of Natural Variation.
- $ESSFmv_3$ is combined with ESSFmc, and $SBSwk_3$ is combined with $SBSmc_2$ due to their small incidence in the plan area.

5.1.3 Seral Stage within the Area Specific Management (ASM) Areas

Background Information	
Summary of Objective	Maintain a distribution of seral classes across the Areas of Specific Management.
Source of Objective	***Ministerial Order under Land Use Objectives Regulation for the Morice Land and Resource Management Plan Area***
Date Objective in Effect	September 30, 2016

Result or Strategy

5.1.3.1 Limits on Activities to Maintain Natural Seral Stage Distribution

If the FSP Holder harvests a cutblock within the FDUs, that FSP Holder will not by, and as of the conclusion of, that harvesting, cause the amount of:

(a) Old, or Mature and Old timber to fall below 70% in the Grease Trail Area Specific Management Area, from 100 meters beyond the trail to 500 meters beyond the trail.

(b) Old, or Mature and Old timber to fall below 50% in the Le Talh Giz (Old Fort Mountain) Area Specific Management Area.

5.1.3.2 Contribution of Area Specific Management Areas to Seral Condition of the General Forested Area

For the purposes of Subparagraph 5.1, the Crown forested areas within Area Specific Management Areas are deemed to contribute to the seral condition targets of the General Forested Area.

5.1.4 Old Growth Management Areas (OGMA)

Background Information	
Summary of Objective	Manage for old growth forests by retaining all the crown forested area located within Old Growth Management Areas (OGMAs).
Source of Objective	***Ministerial Order under Land Use Objectives Regulation for the Morice Land and Resource Management Plan Area***
Date Objective in Effect	September 30, 2016

Result or Strategy

5.1.4.1 Limits on Activities in Old Growth Management Areas

The FSP Holder will not harvest timber or construct a road within an OGMA in an FDU without approval of the Delegated Decision Maker as specified in the Old Growth Management Area Amendment Policy for Skeena Region

5.1.4.2 Seral Condition of Forests within Old Growth Management Areas

For the purposes of Subparagraph 5.1, the Crown forested areas within OGMA's are deemed to contribute as old to the seral condition targets of the General Forested Area.

5.1.5 No Timber Harvesting Areas (NTHA)

Background Information	
Summary of Objective	Retain 100% of the forested area within "No Timber Harvesting Areas".
Source of Objective	***Ministerial Order, Land Use Objectives Regulation Order for the Morice Land and Resource Management Plan Area***
Date Objective in Effect	September 30, 2016

Result or Strategy

5.1.5.1 Limits on Activities in No Timber Harvest Areas (NTHAs)

1. The FSP Holder will when harvesting within the Morrison FDU, retain 100% of the forested area in the Babine Lake East Arm 30-meter buffer.
2. The FSP Holder will, when harvesting within the FDU's, retain 100% of the forested area in the Grease Trail 100 meter buffer with the following exceptions:
    a. A request to harvest timber may be submitted to the Regional Executive Director, provided that the overall effectiveness of maintaining the integrity of the values within the Grease Trail NTHA will not be diminished. Examples of reasonable concerns may include:
        (i) New road development and maintenance where no practicable alternatives exist, and subject to these roads being deactivated once operational activities are complete.
        (ii) To access timber beyond the NTHA that otherwise would be isolated from harvest, where no practicable alternative exists.
        (iii) To address a forest health factor within the NTHA where this poses significant and substantiated forest health risk to forests within or outside the NTHA and where harvesting constitutes an appropriate and effective control action.
        (iv) To address a public or industrial safety concern, or an environmental hazard, including by widening the hydro powerline right-of-way, where no practicable alternative exists.
    b. The FSP Holder will ensure that all requests to harvest timber within the Grease Trail NTHA are reviewed and approved by the Regional Executive Director prior to the submission of a cutting permit or road permit.
3. The FSP Holder will when harvesting within the FDU's, retain 100% of the forested area in the Morrison Lake 30-meter buffer.

5.1.6 Objectives set by Government for Wildlife and Biodiversity – Landscape Level.

Background Information	
Summary of Objective	*To the extent practicable, design areas on which timber harvesting is to be carried out that resemble, both spatially and temporally, the patterns of natural disturbance that occur within the landscape.*
Source of Objective	*FPPR 9*
Date Objective in Effect	*January 31, 2004*

Result or Strategy

The FSP Holder undertakes to comply with FPPR Sections 64 and 65 in its FDUs.

5.1.7 Stand Structure

Background Information	
Summary of Objective	*Achieve structurally complex mature and old forest over the rotation by retaining wildlife tree retention areas (WTRA) distributed across the Morice LRMP area*
Source of Objective	***Ministerial Order, Land Use Objectives Regulation Order for the Morice Land and Resource Management Plan Area***
Date Objective in Effect	September 30, 2016

Result or Strategy

5.1.7.1 Wildlife Tree Retention in respect of Ministerial Order (for cutblocks ≥ 250ha)

1) If, in the applicable Resource Management Areas and BEC Variant specified in Table 3, in each FDU, during any 12 month period beginning on April 1 of any calendar year, the FSP Holder completes harvesting in one or more cutblocks that are greater than or equal to 250 hectares, that FSP Holder will ensure that, at the end of the 12 month period, the total area covered by Wildlife Tree Retention Areas (WTRAs) that relate to the cutblocks is a minimum of the applicable Average % WTRA specified in Table 3.

2) If, in the applicable Resource Management Areas and BEC Variant specified in Table 3, the FSP Holder harvests timber in a cutblock, that FSP Holder will ensure that, at the completion of harvesting, the total amount of WTRAs that relate to the cutblock is not less than the applicable Minimum % WTRA specified in Table 3.

3) The FSP Holder will ensure that the WTRAs applicable under this Clause or the trees within such WTRAs include one or more of the following attributes:
   (a) Diversity of wildlife tree retention strategies (e.g., a range of patch sizes combined with dispersed trees);
   (b) Diversity of habitat types;
   (c) Internal decay (heart rot or natural/excavated cavities present);
   (d) Crevices present (loose bark or cracks suitable for bats);
   (e) Large brooms present;
   (f) Active or recent wildlife use;

(g) Tree structure suitable for wildlife use (e.g., large nest, hunting perch, bear den);
(h) Large trees for the site (height and diameter) and veterans;
(i) Representative of the size, age and species of the pre-harvest stand.

4) A qualified professional will document in the site plan which of the attributes outlined in 5.1.7.2(3) are found in the WTR area.

Table 3. WTR% by Resource Management Zone

Resource Management Zone	BEC Variant	Average % WTRAs	Minimum % WTRAs
General Forested Area and Area Specific Management Areas combined	ESSF combined	15	10
	SBSdk	15	10
	SBSmc2 and $SBSwk_3$ combined	15	10
High Biodiversity Emphasis Area	ESSF combined	25	20
	SBSdk	25	20
	$SBSmc_2$ and SBSwk3 combined	25	20

5.1.7.2 Wildlife Tree Retention in respect of Objectives set by Government for Wildlife and Biodiversity (for cutblocks <250ha) – Stand Level (FPPR s.9.1)

1) If, in either FDU, the FSP Holder completes harvesting in one or more cutblocks that are less than 250 hectares during any 12 month period beginning on April 1 of any calendar year, that FSP holder will ensure that, at the end of that 12 month period, the total area covered by WTRAs that relate to the cutblocks is a minimum of 7% of the total area of the cutblocks.

2) The FSP Holder who harvests timber in a cutblock less than 250 ha in an FDU will ensure that, at the completion of harvesting, the total amount of WTRAs that relates to the cutblock is a minimum of 3.5% of the cutblock.

3) For the purposes of subsections 1) and 2), a WTRA may relate to more than one cutblock if all of the cutblocks that relate to the WTRA collectively meet the applicable requirements.

5.1.8 Objectives Set by Government for Wildlife – Mountain Goat

Background Information	
Summary of Objective	*Manage established ungulate winter range U-6-003 for mountain goat as per the established general wildlife measures (GWMs) to protect and conserve mountain goat and mountain goat habitat.*
Source of Objective	***Government Actions Regulation (B.C. Reg. 582/2004)***
Date Objective in Effect	October 4, 2013

Result or Strategy

The holder of this FSP must comply with Ungulate Winter Range U-6-003 for mountain goat as per S69 FPPR

5.2 Objectives set by Government for Fish Habitat and Water Quality

5.2.1 Objectives set by Government for Water, Fish, Wildlife and Biodiversity within Riparian Areas

Background Information	
Summary of Objective	*To conserve, at the landscape level, the water quality, fish habitat, wildlife habitat and biodiversity associated with those riparian areas.*
Source of Objective	*FPPR s.8*
Date Objective in Effect	*February 13, 2023*

Result or Strategy

5.2.1.1 Definitions

In Clauses 5.2.1.2 and 5.2.1.3:

"Directly adjacent" means the portion of any riparian feature with a riparian management class that due to its location is within its riparian management zone distance from a block harvested under this FSP.

"Sensitive S6 Stream" means the first 500 meter portion of an S6 stream measured from its confluence with a fish bearing stream, and

- has a channel width of greater than 1.0 meter, and
- has the same stream order as the most downstream reach of the tributary.

"Retain" or **"Retention"** relates to standing live or dead trees. Blowdown of retained trees following harvest of the RMZ is considered retention. A tree felled for safety or windthrow management and left on-site is considered retention.

"Countable-stems-per-hectare" means stems retained post-harvest and includes: live and dead, merchantable and non-merchantable trees and stubs and downed stems, ≥10cm DBH. Retention (green or dead) can be stubbed for worker safety and to minimize blowdown.

"Merchantable DBH" means the diameter specified as merchantable in the accepted cruise compilation applicable to the block.

"**Stub trees**", "**Stubs**" and "**stubbed**", means a live or dead tree that has had its top removed, leaving a high stump greater than 3m in height.

5.2.1.2 Activities in Riparian Areas

The FSP Holder adopts as a result or strategy under this FSP, applicable to the FDU, sections 47, 48, 49, 50, 51, 52(2) and 53 of the FPPR.

5.2.1.3 Retention in RMZs

For the purposes of section 12(3) and 12.3 (6) of the FPPR, the FSP Holder, when felling trees in a cutblock to which this FSP applies within an RMZ of a riparian feature, will, at the conclusion of that activity:

1. Retain the amounts referenced in Table 4 for each portion of RMZ within or directly adjacent to the cutblock harvested under this FSP.

Table 4. Retention of trees within the RMZ of Streams, Wetlands and Lakes

Riparian Class	Preharvest Stems per Hectare or Un-harvested Area to be retained within Riparian Management Zone (%)
S1A or S1B, S2, S3	≥20%
W1 or W5	≥10%
L3	≥10%

1. The preharvest stems per hectare shall count both live and dead, merchantable and non-merchantable trees and stubs, and/or the area % retained shall be reasonably representative of the physical structure of the riparian management zone, as it was before harvesting.
2. Retained green or dead trees can be stubbed for worker safety.
3. If and when requested by the Province, PIR will participate in joint annual field reviews of tree retention with the RMZs of streams, wetlands and lakes as noted in Table 4 (above).

2. For W3 wetlands, the FSP Holder will retain within a 10 meter zone:
    a) Not less than 25% of the area or not less than 25% of the pre-harvest stems/ha greater than merchantable DBH as stubs or full stems, and
    b) As practicable, brush species, advanced regeneration, non-merchantable conifers, and non-commercial stems.
3. Retain greater than 150 countable-stems-per-hectare within a 20 meter zone (consists of 10 m either side) of a S4, S5 or sensitive S6 streams that is within or directly adjacent to a cutblock harvested by the FSP Holder; if pre-harvest structure is insufficient, ≥ 50% of the 20 meter zone area equivalent will be retained as WTRA or Leave along the stream.
4. Retain to the extent practicable, the brush and non-merchantable conifer and non-commercial stems present within the 10 meters that begins at both sides of the edge of the stream channel bank of each S4, S5 and sensitive S6 stream within or directly adjacent to a cutblock.
5. Retain greater than 150 countable-stems-per-hectare within a 20 meter zone (consists of 10 m either side) of a S6 stream that is within or directly adjacent to a cutblock harvested by the FSP Holder; if pre-harvest structure is insufficient, ≥ 15% of the 20 meter zone area equivalent will be retained as WTRA or Leave along the stream.
6. Retain to the extent practicable, the brush and non-merchantable conifer and non-commercial stems present within the 5 meters that begins at both sides of the edge of the stream channel bank of each S6 stream that is not sensitive and W3, L1-A, and L3 within or directly adjacent to a cutblock.

5.3 Visual Quality

Background Information	
Summary of Objective	To attain the visual quality classes assigned to landscapes within designated scenic areas as they were grandfathered under **FRPA** 180(c) and continued as objectives under **GAR** s.17.
Source of Objective	*GAR s.17*
Date Objective in Effect	March, 2005

Result or Strategy

5.3.1 Definition

In Subparagraph 5.3.2,

"Alteration" means a change or something different as a result of the FSP Holder conducting harvesting or constructing a road;

"Category of Alteration" means the applicable visual quality objective; and

"Significant Public Viewpoint" means a position of importance or consequence to the public from which a landscape is observed and has relevance to the landform being assessed.

5.3.2 Activities in Scenic Areas

1. Subject to clause 5.3.2(2) , if the FSP Holder harvests timber in a cutblock or constructs a road pursuant to this FSP within an area in an FDU that is in a scenic area listed in Table 5 and shown on Map 1 or Map 2 (Appendix C) with a Category of Alteration, the cutblock or road will, at the conclusion of harvesting or construction, be consistent with the characteristics of alteration indicated in Table 6 for the applicable Category of Alteration or any category above it in Table 6:

Table 5. Scenic Areas (as they are as of the Legislated Planning Date)

Babine Lake	Doris Lake	Morrison Lake	Pine Tree Lake

Table 6. Characteristics of Alteration by Category of Alteration

Category of Alteration	Characteristics of Alteration
Preservation	Very small in scale and not easily distinguishable from the pre-harvest landscape.
Retention	Difficult to see, small in scale, and natural in appearance.
Partial Retention	Easy to see, small to medium in scale, and natural in appearance.
Modification	Very easy to see and natural in appearance, or is small to medium in scale but with some angular characteristics.
Maximum Modification	Very easy to see and is very large in scale, rectilinear or geometric in shape, or both.

2. The characteristics for a cutblock or road specified in clauses (1) or (2) are assessed:
   (a) from the Significant Public Viewpoint applicable to the cutblock or road; and
   (b) evaluated to the perspective landform(s).

5.4 Objectives set by Government for Cultural Heritage Resources

Background Information	
Summary of Objective	To conserve, or, if necessary, protect cultural heritage resources that are (a) the focus of a traditional use by an aboriginal people that is of continuing importance to that people, and (b) not regulated under the Heritage Conservation Act.
Source of Objective	*FPPR s.10*
Date Objective in	*January 31, 2004*

Effect	

Result or Strategy

5.4.1 Definitions

In Subparagraph 5.4.2, the following definitions apply:

"CHR" means a cultural heritage resource that is the focus of a traditional use by an aboriginal people, has evidence of past use, is of continuing importance to that people and is not regulated under the *Heritage Conservation Act*;

"Cultural Heritage Resource Evaluation" means a documented process conducted by a qualified person and consisting of the following steps:

a) Record the location and attributes of the cultural heritage resource;

b) Evaluate the direct impact of the planned development on the cultural heritage resource; and

c) If necessary, prepare recommendations in order to conserve, or if necessary protect, the cultural heritage resource considering the factors in FPPR Schedule 1(4)

"qualified person" means a person who, by education and experience, is knowledgeable in identifying CHRs.

5.4.2 Conserving or Protecting Cultural Heritage Resources

The FSP Holder will in all FDUs:

(1) Provide information on proposed harvesting and road building activities to affected aboriginal group(s) as per consultation process defined by government and document CHR brought to the attention of the FSP Holder through this process.

(2) Before applying for a cutting permit or a road permit carry out a Cultural Heritage Resource Evaluation within all blocks and roads.

(3) Where CHR features are found, provide copies of completed CHR Evaluations to affected aboriginal group(s) prior to applying for a cutting permit or road permit.

(4) Conduct all harvesting, road construction and mechanical site preparation activities consistent with recommendations given in the CHR Evaluation.

(5) If the FSP Holder encounters a previously unidentified CHR during harvesting, road construction or mechanical site preparation activities:

a. modify the activity to the extent necessary to protect the CHR until a CHR Evaluation is completed;

b. ensure subsequent harvesting, road construction or mechanical site preparation activities that are carried out in the CHR area are consistent with the recommendations given in the CHR evaluation; and

c. communicate the results of the CHR Evaluation to the affected aboriginal group(s) and to appropriate government staff within 30 days.

5.5 Objectives set by Government for Soils

Background Information	
Summary of Objective	*To conserve the productivity and the hydrologic function of soils*
Source of Objective	*FPPR s.5*
Date Objective in Effect	*January 31, 2004*

Result or Strategy

The FSP Holder undertakes to comply with Sections 35 and 36 of the FPPR in its FDUs.

6 MEASURES FOR PREVENTING THE INTRODUCTION OR SPREAD OF INVASIVE PLANTS

6.1 Definitions

For the purpose of these measures the following definitions apply:

"Disturbed Area" means contiguous areas of exposed mineral soil greater than 0.1 ha that are associated with access structures or harvesting activities excluding the running surface of permanent roads or pullouts.

"Growing season" means the time period between the last freeze in the spring and the first frost in the fall.

"Invasive Plants" means those listed in the *Invasive Plant Regulation.*

"Revegetated" means the establishment of non-invasive plants over more than 50% of the disturbed area (including the natural in-fill of domestic plants) that could be reasonably expected to support vegetation.

"seed" means seed that meets or exceeds Canada Common No. 1 Forage Mixture or Canada No. 1 Cover Mixture as defined by the *Canada Seeds Act* and Regulations and verified noxious weed free and invasive weed free with a certificate of seed analysis.

6.2 General Measures

6.2.1 In relation to Section 17 of the FPPR, the FSP Holder will:

6.2.1.1 Seed disturbed areas no later than the end of the growing season following completion of harvesting or road construction activities.

6.2.1.2 If treated disturbed areas are not revegetated within two growing seasons, the area will have a single subsequent treatment.

6.2.2 Staff and Contractor Training

6.2.2.1 Annually train Woods staff and selected contractor employees on the identification and reporting requirements for selected invasive species for PIR's operating areas

7 STOCKING REQUIREMENTS

7.1 Definitions

In Paragraphs 7.2 and 7.3:

"Ecologically suitable" means the preferred and acceptable species by BEC variant and site series listed in Appendix A. All ecologically suitable species listed are commercially valuable.

"Lodgepole Pine leading stands" – stands where pine is greater than or equal to 50 percent at establishment.

7.2 General Standards

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

For the purposes of section 16(3) of the FPPR, for each area where a holder of this FSP is required to establish a free growing stand:

a) The applicable stocking standards (Appendices A and B) and applicable regeneration date referred to in section 44(1)(a) of the Forest Planning and Practices Regulation will apply, and

b) The applicable stocking standards (Appendices A and B) and applicable free growing height referred to in section 44(1)(b) of the Forest Planning and Practices Regulation will apply.

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 *FPPR* has no application to this plan.

Regeneration Date – The Regeneration Date is 4 years after the commencement date of the cutblock. The Regeneration Date of 4 years may be extended 7 years where natural ingress is used to achieve regeneration stocking standards.

Free Growing Date – The late free growing date for all standard units will be 20 years after the commencement date of the cutblock.

Minimum Preferred Well Spaced Density at Free Growing – The minimum preferred well-spaced density at free growing is equal to the minimum preferred well-spaced density at regeneration delay as described in Appendices A and B.

Minimum Preferred and Acceptable Well Spaced Density at Free Growing – The minimum preferred and acceptable well-spaced density at free growing is equal to the minimum preferred and acceptable well-spaced density at regeneration delay as described in Appendices A and B.

Target Density at Free Growing – The target density at free growing is equal to the target density at regeneration delay as described in Appendices A and B.

Clarification – Engelmann Spruce (Se) can be replaced with Interior Spruce (Sx) if the use of the Interior Spruce is consistent with the provincial seed transfer guidelines or the "Chief Forester's Standards for Seed Use" when they are established;

Deciduous Stems Retained at Harvest – For any opening that is managed as an even aged stand, any overstory deciduous stems that were retained at the time of harvest will be considered non-deleterious competition for the purpose of free growing assessment.

Site Series Complexes – In a Standard Unit consisting of a site series complex;

i. The Target Stocking Standards, Minimum Preferred and Acceptable, Minimum Preferred, Minimum Inter-tree distance and Minimum Height will be those of the dominant site series, and

ii. The preferred species for the Standard Unit will include all of the preferred species for all the site series comprising that unit, however potential crop trees will only be preferred or acceptable where they are ecologically suitable within the Standard Unit.

7.3 Variations from General Standards

Despite Paragraph 7.2, the FSP Holder will apply the following stocking standards in the following circumstances:

White Pine Weevil – Aspen, cottonwood, and birch are not considered deleterious competition where there is an incidence of *Pissodes strobe* (white pine weevil) greater than 15%.

Riparian Management Zones – Deciduous and brush species will not be considered deleterious competition to crop trees within 10 meters of a classified riparian feature.

MITD Reductions – Minimum Inter-tree distance (MITD) can be reduced from 2.0 meters to 1.5 meters where there is a lack of suitable plantable microsites that prevents the achievement of target regeneration density, due to;

- sites where root rot has been identified and a stump avoidance strategy is employed to manage root rot as described in the Nadina Forest Health Strategy; or
- site preparation (mounding only) for regeneration.

Lodgepole Pine leading stands – Where the target density is 1400 sph or greater and stands established as pine leading within the Sub Boreal Spruce Biogeoclimatic Zone, will have a free growing and regeneration target density of 2,000 stems per hectare and a minimum inter-tree distance of 2.0 meters – with exceptions as per section 7.3.3. Minimum preferred will be 700 and minimum preferred and acceptable will be 800 at free growing and regeneration delay. Preferred and acceptable are as per applicable BEC and

variance as per Section 8.5 at regeneration delay and free growing. Free growing will not be declared until at least 16 years after harvest commencement.

Despite the list of species stated in the stocking standards tables for a site, a species shall be elevated to preferred if it made up greater than 20% of gross cruise volume of the original stand and included as an acceptable species if it made up between 5 – 20% of the gross cruise volume. The intent of this variance is to allow for the inclusion of advanced regeneration retained during harvesting operations where they are left to address values including but not limited to visual screening, wildlife habitat, riparian management or biodiversity. If included, these species must still meet all other stocking and forest health criteria and be considered to be well enough adapted to the site to make merchantability at rotation age of the stand.

Morrison Deciduous: Acceptable and non-deleterious– Deciduous (cottonwood, aspen and birch) are acceptable and non-deleterious species within FL A-16827 in the area identified on the map in appendix G (west of the 525 road to Babine Lake, and South of the 525rd/545rd/5000rd to Babine Lake) This is in consideration of Lake Babine Nation interests to mitigate the wildfire risk to the community of Old Fort and to promote wildlife values. This will apply to all new permits applied for under this FSP as well as all existing permits within the area indicated in appendix G (CP-Blocks listed below)

556-1	557-1	569-MR43	569-MR53	583-MOR3A	852-29	852-40	852-41
852-42	852-49	852-50	852-52	852-58	852-200	852-201	856-24
856-27	856-32	856-33	857-29	857-320	857-350	857-351	859-30
859-89	859-90	859-91	859-93	859-94	859-321	859-322	860-324
860-326	864-367	865-360	866-376	866-380	867-357	867-361	867-362
867-363	867-364	878-354	878-355	878-356	878-374	879-329	895-28
895-209	895-213	896-12	896-18	896-23			

8 Appendices

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Appendix A: Even Aged Stocking Standards

Appendix Table 1: Basic and Enhanced Even Aged Stocking Standards [9, 10]

BGC Classification			Regeneration Guide											
			Species		Stocking – well spaced stems/ha									
Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Stocking Standard ID	Target	Enhanced Sx1600 Standard ID[11]	Target[11]	Enhanced Pl1800 Standard ID[12]	Target[12]	Minimum preferred and acceptable	Minimum preferred	Minimum inter-tree dist. (m)	Free Growing Height
SBSdk	01	Sxw - Spirea - Purple peavine	Pl Sx Fd Lw		1052884	1400	1067430	1600	1067432	1800	800	700	2.0	Pl/2.0, other /1.0, Fd/1.4, Lw/2.0
SBSdk	02	Pl - Juniper - Rice grass	Pl	Sx	1052818	1000	n/a	n/a	n/a	n/a	500	400	2.0	Pl/1.4, other/0.8
SBSdk	03	Pl - Feather moss - Cladina	Pl	Sx Sb	1052873	1200	n/a	n/a	n/a	n/a	700	600	2.0	Pl/2.0, other/1.0
SBSdk	04	Fd - Soopolallie - Feather moss	Pl Sx Fd Lw		1052875	1400	1067433	1600	1067434	1800	800	700	2.0	Pl/2.0, other/1.0, Fd/1.4, Lw/2.0
SBSdk	05	Sxw - Spirea - Feather moss	Pl Sx Fd Lw		1052876	1400	1067435	1600	1067436	1800	800	700	2.0	Pl/2.0, other/1.0, Lw/2.0Fd/1.4
SBSdk	06	Sxw - Twinberry - Coltsfoot	Pl Sx Fd Lw		1052877	1400	1067437	1600	1067438	1800	800	700	2.0	Pl/2.0, other/1.0, Lw/2.0Fd/1.4
SBSdk	07	Sxw - Horsetail	Sx	Pl	1052879	1000	1067439	1600	n/a	n/a	500	400	1.6	Pl/1.4, other/0.8
SBSdk	08	Act - Dogwood - Prickly rose	Sx	Pl	1052880	1200	1067440	1600	n/a	n/a	700	600	1.6	Pl/2.0, other/1.0
SBSdk	09	Sb - Creeping-snowberry - Sphagnum	Pl Sb	Sx	1052882	400	n/a	n/a	n/a	n/a	200	200	1.6	Pl/1.4, other/0.8
SBSdk	10	Sb – Soft-leaved sedge - Sphagnum	Pl Sb Sx		1052883	400	n/a	n/a	n/a	n/a	200	200	1.6	Pl/1.4, other/0.8
SBSmc2	01	Sx - Huckleberry	Pl Sx Fd Lw	Bl[3]	1052885	1400	1067441	1600	1067442	1800	800	700	2.0	Pl/1.6, other /0.8, Fd/1.4, Lw/2.0
SBSmc2	02	Pl - Huckleberry - Cladonia	Pl[11]	Bl[3] Sx	1052886	1000	n/a	n/a	n/a	n/a	500	400	2.0	Pl/1.2, other/0.6
SBSmc2	03	SbPl - Feather moss	Pl Sx	Bl[3] Sb Fd Lw	1052887	1200	1067443	1600	1067444	1800	700	600	2.0	Pl/1.6, other /0.8, Fd/1.4, Lw/2.0

BGC Classification			Regeneration Guide											
			Species		Stocking – well spaced stems/ha									
Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Stocking Standard ID	Target	Enhanced Sx1600 Standard ID[11]	Target[11]	Enhanced Pl1800 Standard ID[12]	Target[12]	Minimum preferred and acceptable	Minimum preferred	Minimum inter-tree dist. (m)	Free Growing Height
SBSmc2	05	Sxw - Twinberry - Coltsfoot	Pl Sx Fd Lw	Bl[3]	1052888	1400	1067445	1600	1067446	1800	800	700	2.0	Pl/1.6, other /0.8, Fd/1.4, Lw/2.0
SBSmc2	06	Sxw - Oak fern	Pl Sx Fd Lw	Bl[3]	1052889	1400	1067447	1600	1067448	1800	800	700	2.0	Pl/1.6, other /0.8, Fd/1.4, Lw/2.0
SBSmc2	07	Sxw - Scrub birch - Feather moss	Pl Sx Sb	Bl[3]	1052891	1000	1067449	1600	1067450	1800	500	400	1.6	Pl/1.2, other /0.6
SBSmc2	09	Sxw - Devil's club	Sx Bl	Pl	1052892	1200	1067451	1600	n/a	n/a	700	600	1.6	Pl/1.6, other/0.8
SBSmc2	10	Sxw - Horsetail	Sx Bl	Pl	1052893	1000	1067452	1600	n/a	n/a	500	400	1.6	Pl/1.2, other /0.6
SBSmc2	12	SbSxw - Scrub birch - Sedge	Sb Sx	Pl[2,13] Bl[3]	1052894	400	n/a	n/a	n/a	n/a	200	200	1.6	Pl/1.2, other /0.6
ESSFmk	01	BlHm - Twistedstalk	Bl Sx	Ba Hm Pl	1052901	1200	1067453	1600	n/a	n/a	700	600	2.0	Pl/1.6, other /0.8
ESSFmk	02	BlPa - Cladonia	Pa Pl	Bl[3] Hm Sx	1052902	1000	n/a	n/a	n/a	n/a	500	400	2.0	Pl/1.2, other/0.6
ESSFmk	03	BlHm - Cladonia	Pa Pl Sx	Bl[3] Hm Sx	1052903	1200	1067454	1600	1067455	1800	700	600	2.0	Pl/1.6, other /0.8
ESSFmk	04	BlHm - Oak fern	Bl Sx	Pl Hm	1052904	1200	1067456	1600	n/a	n/a	700	600	2.0	Pl/1.6, other /0.8
ESSFmk	05	BlHm - Devil's club - Lady fern	Bl Sx	Pl Hm	1052905	1200	1067457	1600	n/a	n/a	700	600	1.6	Pl/1.6, other /0.8,
ESSFmk	06	Bl - Horsetail - Leafy moss	Bl Sx	Hm Ba	1052906	1000	1067458	1600	n/a	n/a	500	400	2.0	All 0.8
ESSFmk	07	Bl - Lady fern - Horsetail	Bl Sx	Pl	1052907	1000	1067459	1600	n/a	n/a	500	400	1.6	All 0.8

BGC Classification			Regeneration Guide											
			Species		Stocking – well spaced stems/ha									
Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Stocking Standard ID	Target	Enhanced Sx1600 Standard ID[11]	Target[11]	Enhanced Pl1800 Standard ID[12]	Target[12]	Minimum preferred and acceptable	Minimum preferred	Minimum inter-tree dist. (m)	Free Growing Height
ESSFmv3	01	Bl –Rhododendron-Feathermoss	Bl Sx	Pl	1052908	1200	1067460	1600	n/a	n/a	700	600	2.0	Pl/1.6, other /0.8
ESSFmv3	02	BlPl - Crowberry - Cladina	Pl	Sx Bl[3]	1052909	1000	n/a	n/a	n/a	n/a	500	400	2.0	Pl/1.2, other/0.6
ESSFmv3	03	BlSb - Labrador tea	Bl Sx	Pl Sb	1052910	1000	1067461	1600	n/a	n/a	500	400	2.0	Pl/1.2, other /0.6
ESSFmv3	04	Bl - Oak fern - Knight's plume	Bl Sx	Pl	1052912	1200	1067462	1600	n/a	n/a	700	600	2.0	Pl/1.6, other /0.8
ESSFmv3	05	Bl - Devil's club - Rhododendron	Bl Sx	Pl	1052913	1200	1067463	1600	n/a	n/a	700	600	1.6	Pl/1.6, other /0.8
ESSFmv3	06	Sxw - Huckleberry - Highbush cranberry	Bl Sx	Pl	1052914	1000	1067464	1600	n/a	n/a	500	400	1.6	Pl/1.6, other /0.8
ESSFmv3	07	Bl - Horsetail - Feathermoss	Bl Sx	Pl	1052915	1000	1067465	1600	n/a	n/a	500	400	1.6	Pl/1.2, other /0.6
ESSFmc	01	Bl –Huckleberry – Leafy Liverwort	Bl Sx	Pl	1052916	1200	1067466	1600	n/a	n/a	700	600	2.0	Pl/1.6, other/0.8
ESSFmc	02	Bl Pl - Juniper - Cladonia	Pl[11]	Bl[3] Sx	1052917	1000	n/a	n/a	n/a	n/a	500	400	2.0	Pl/1.2/other/0.6
ESSFmc	03	Bl - Huckleberry - Crowberry	Pl[11]	Bl[3] Sx	1052918	1000	n/a	n/a	n/a	n/a	500	400	2.0	Pl/1.2/other/0.6
ESSFmc	04	Bl - Huckleberry - Heron's-bill	Pl Bl Sx	Sx	1052919	1200	1067467	1600	1067468	1800	700	600	2.0	Pl/1.6/other/0.8
ESSFmc	05	Bl - Huckleberry - Thimbleberry	Bl Sx	Pl	1052920	1200	1067469	1600	n/a	n/a	700	600	2.0	Pl/1.6, other/0.8
ESSFmc	06	Bl - Oak fern - Heron's bill	Bl Sx	Pl	1052921	1200	1067470	1600	n/a	n/a	700	600	2.0	Pl/1.6, other/0.8

BGC Classification			Regeneration Guide											
			Species		Stocking – well spaced stems/ha									
Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Stocking Standard ID	Target	Enhanced Sx1600 Standard ID[11]	Target[11]	Enhanced Pl1800 Standard ID[12]	Target[12]	Minimum preferred and acceptable	Minimum preferred	Minimum inter-tree dist. (m)	Free Growing Height
ESSFmc	07	Bl - Devil's club - Lady fern	Bl Sx	Pl	1052922	1200	1067471	1600	n/a	n/a	700	600	1.6	Pl/1.6, other/0.8
ESSFmc	08	Bl - Valerian - Sickle moss	Bl Sx		1052923	1000	1067472	1600	n/a	n/a	500	400	1.6	All 0.6
ESSFmc	09	Bl - Horsetail - Glow moss	Bl Sx		1052924	1000	1067473	1600	n/a	n/a	500	400	1.6	All 0.6
ESSFmc	10	Bl - Horsetail - Leafy moss	Bl Sx		1052925	1000	1067474	1600	n/a	n/a	500	400	1.6	All 0.6

Footnotes to all Even-aged Stocking Standards Tables

Footnote 3 - Balsam (Bl) is preferred within riparian management areas, patch cut, shelter wood, and group selection silviculture systems. Where this situation occurs and Bl is the only acceptable species MIN p = MIN pa.

Footnote 9 - For all openings less than 1 hectare in NAR that are part of a **"minor salvage operation"** the following standards apply:

- There are no preferred or acceptable species.
- The target, minimum preferred and acceptable and minimum preferred number of well-spaced stems is 0.
- The MITD is 0.
- The minimum height is 0.
- When one of these openings is combined with other **"minor salvage operation"** openings to form a contiguous combined opening of greater than 1 hectare then this footnote no longer applies and the stocking standards in the above tables will apply.

Footnote 10 - Where the procedures outlined in the Stocking and Free Growing Survey Procedures Manual are used to determine compliance with these standards, then the maximum number of well-spaced trees (M- value) at any one plot is TSS/Plot Multiplier.

Footnote 11 – Where enhanced stocking density is elected for an SU, greater than 1600 stems per hectare will be planted with spruce as a leading species.

Footnote 12 – Where enhanced stocking density is elected for an SU, greater than 1800 stems per hectare will be planted with pine as a leading species.

Appendix B: Partial Cutting Stocking Standards

The following standards apply to assessing regeneration and free growing success for standards units, where partial cutting silviculture systems have been implemented

1.0 Application of Partial Cutting Stocking Standards

1.1 Standards Units with ≤ 5 m^2/ha of retained basal area:

Even-aged stocking standards, as per Appendix A, apply to standards units where the retained basal area of overstorey (Layer 1) trees is ≤ 5m^2 / ha.

1.2 Standards Units with ≥ 20 m^2/ha of retained basal area:

a) Where the basal area of acceptable retained overstorey (Layer 1) trees is ≥ 20 m^2/ha, the standards unit will be considered adequately stocked.

b) The free growing assessment of this standards unit may not be made until two (2) years after the harvest completion date.

1.3 Standards Units with > 5 m^2/ha and < 20 m^2/ha of retained basal area:

Where the basal area of acceptable retained overstorey (Layer 1) trees is > 5 m^2/ha and < 20 m^2/ha use the *Deviation from Potential Productivity Standards (DFP)* outlined below.

2.0 Definitions:

"Overstorey" (Layer 1) is all live trees with a diameter at breast height (dbh) ≥ 12.5 cm.

"Understory" is all live trees with a diameter at breast height (dbh) < 12.5 cm. The understory includes poles (Layer 2), saplings (Layer 3), and seedlings (Layer 4).

The deviation from potential productivity value is obtained from the attached DFP table (Table B).

3.0 Tree Acceptability Criteria:

3.1 The following rules apply to measuring overstorey trees:

a) All live acceptable overstorey trees count in the overstorey basal area prism sweep.

b) No minimum inter-tree distance is applied to overstorey trees.

3.2 The following rules apply to tallying understory trees

a) The even-aged minimum inter-tree distance (MITD) standard, for the standards unit, from Appendix "A", will apply.

b) Minimum Height:

(i) The minimum height at regeneration date must be ≥ 10 cm.

(ii) The minimum height at free growing must be ≥ 65% of the minimum free growing height in the even-aged stocking standard for the species for the standards unit.

c) Understory Minimum Stocking Standard (MSSp) requirement:

Preferred species are those listed as preferred in the even-aged stocking standards, Appendix A, for the species for the standards unit. Preferred species must be ≥ 50% of the well-spaced, or free-growing, stems tallied in the stratum to meet minimum stocking requirements.

d) **M value:**

The maximum number of healthy, well-spaced trees that may be tallied in a plot is always 8.

4.0 Sample Size Rules and Declaration of Stocking:

a) Stratum size < 5 hectares: Declaration of stocking or free growing requires establishing a minimum of 5 plots that have a mean DFP ≤ 0.20.

b) Stratum size 5-20 hectares: Declaration of stocking or free growing requires establishing a minimum 1 plot per ha (or achieving a standard error of mean DFP ≤ 0.05) and a mean DFP ≤ 0.20.

c) Stratum size >20 hectares: Declaration of stocking or free growing requires establishing a minimum 1 plot per 2 ha (or achieving a standard error of mean DFP ≤ 0.05) and a mean DFP ≤ 0.20.

Appendix Table 2. Deviation From Potential Productivity (DFP) by understorey tree density and overstorey basal area.

OS Basal Area	Well-spaced trees in plot								
(m2/ha)	0	1	2	3	4	5	6	7	8
0	1.00	0.76	0.52	0.34	0.22	0.13	0.07	0.03	0.00
1	0.98	0.74	0.51	0.34	0.21	0.13	0.07	0.03	0.00
2	0.96	0.73	0.50	0.33	0.21	0.13	0.07	0.03	0.00
3	0.93	0.71	0.49	0.32	0.20	0.12	0.07	0.03	0.00
4	0.90	0.68	0.47	0.31	0.20	0.12	0.06	0.03	0.00
5	0.86	0.65	0.45	0.30	0.19	0.11	0.06	0.02	0.00
6	0.82	0.62	0.43	0.28	0.18	0.11	0.06	0.02	0.00
7	0.77	0.58	0.40	0.27	0.17	0.10	0.05	0.02	0.00
8	0.72	0.55	0.38	0.25	0.16	0.09	0.05	0.02	0.00
9	0.67	0.51	0.35	0.23	0.15	0.09	0.05	0.02	0.00
10	0.62	0.47	0.32	0.21	0.14	0.08	0.04	0.02	0.00
11	0.57	0.43	0.30	0.20	0.12	0.07	0.04	0.02	0.00
12	0.52	0.39	0.27	0.18	0.11	0.07	0.04	0.01	0.00
13	0.47	0.35	0.24	0.16	0.10	0.06	0.03	0.01	0.00
14	0.42	0.32	0.22	0.15	0.09	0.05	0.03	0.01	0.00
15	0.38	0.28	0.20	0.13	0.08	0.05	0.03	0.01	0.00
16	0.33	0.25	0.17	0.11	0.07	0.04	0.02	0.01	0.00
17	0.29	0.22	0.15	0.10	0.06	0.04	0.02	0.01	0.00
18	0.26	0.19	0.13	0.09	0.06	0.03	0.02	0.01	0.00
19	0.22	0.17	0.12	0.08	0.05	0.03	0.02	0.01	0.00
20	0.19	0.14	0.10	0.07	0.04	0.02	0.01	0.01	0.00
21	0.16	0.12	0.08	0.06	0.04	0.02	0.01	0.00	0.00
22	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.00	0.00
23	0.11	0.08	0.06	0.04	0.02	0.01	0.01	0.00	0.00
24	0.09	0.07	0.05	0.03	0.02	0.01	0.01	0.00	0.00
25	0.07	0.05	0.04	0.02	0.02	0.01	0.00	0.00	0.00
26	0.05	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00
27	0.04	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00
28	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00
29	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Appendix Table 3. Multi Storied Stocking Standards[9,10]

	BGC Classification			Species		Stocking Mature Layer **			Stocking Pole Layer **			Stocking Sapling Layer **			Stocking Regeneration Layer **– well spaced stems/ha				
Stocking Standard ID	Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	MITD (m)	Free Growing Height
						well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha				
	SBSdk	01	Sxw - Spirea - Purple peavine	Pl Sx	Fd	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Fd/Pl/Other /1.4/2.0/1.0
	SBSdk	02	Pl - Juniper - Rice grass	Pl[11]	Sx	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.4, other/0.8
	SBSdk	03	Pl - Feather moss - Cladina	Pl[11]	Sx Sb	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/2.0, other/1.0
	SBSdk	04	Fd - Soopolallie - Feather moss	Pl Sx Fd		600	300	300	800	400	400	1000	500	500	1200	700	700	2.0	Fd/Pl/Other /1.4/2.0/1.0
	SBSdk	05	Sxw - Spirea - Feather moss	Pl Sx	Fd	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Fd/Pl/Other /1.4/2.0/1.0
	SBSdk	06	Sxw - Twinberry - Coltsfoot	Pl Sx	Fd	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Fd/Pl/Other /1.4/2.0/1.0
	SBSdk	07	Sxw - Horsetail	Sx[11]	Pl	400	200	200	600	300	250	800	400	300	1000	500	400	1.6	Pl/1.4, other/0.8
	SBSdk	08	Act - Dogwood - Prickly rose	Sx[11]	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	1.6	Pl/2.0, other/1.0
	SBSdk	09	Sb - Creeping-snowberry - Sphagnum	Pl Sb	Sx	200	100	100	300	125	125	300	150	150	400	200	200	1.6	Pl/1.4, other/0.8
	SBSdk	10	Sb – Soft-leaved sedge - Sphagnum	Pl Sb Sx		200	100	100	300	125	125	300	150	150	400	200	200	1.6	Pl/1.4, other/0.8
	SBSmc2	01	Sx - Huckleberry	Pl Sx	Bl[3]	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	SBSmc2	02	Pl - Huckleberry - Cladonia	Pl[11]	Bl[3] Sx	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.2, other/0.6

	BGC Classification			Species		Stocking Mature Layer **			Stocking Pole Layer **			Stocking Sapling Layer **			Stocking Regeneration Layer **– well spaced stems/ha				
Stocking Standard ID	Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	MITD (m)	Free Growing Height
						well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha				
	SBSmc2	03	SbPl - Feather moss	Pl Sx	Bl[3] Sb	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	SBSmc2	05	Sxw - Twinberry - Coltsfoot	Pl Sx	Bl[3]	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	SBSmc2	06	Sxw - Oak fern	Pl Sx	Bl[3]	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	SBSmc2	07	Sxw - Scrub birch - Feather moss	Pl Sx Sb	Bl[3]	400	200	200	600	300	250	800	400	300	1000	500	400	1.6	Pl/1.2, other/0.6
	SBSmc2	09	Sxw - Devil's club	Sx Bl	Pl[13]	600	300	300	800	400	400	1000	500	500	1200	700	700	1.6	Pl/1.6, other/0.8
	SBSmc2	10	Sxw - Horsetail	Sx Bl	Pl[2,13]	400	200	200	600	300	300	800	400	400	1000	500	500	1.6	Pl/1.2, other /0.6
	SBSmc2	12	SbSxw - Scrub birch - Sedge	Sb Sx	Pl Bl[3]	200	100	100	300	125	125	300	150	150	400	200	200	1.6	Pl/1.2, other /0.6
	SBSwk3	01	Sxw – Oak fern	Pl Sx	Bl[3]	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/2.0, other /1.0
	SBSwk3	02	Pl - Huckleberry - Cladina	Pl[11]	Bl[3]Sx	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.4, other/0.8
	SBSwk3	03	SxwFd Purple peavine	Pl Sx Fd		600	300	300	800	400	400	1000	500	500	1200	700	700	2.0	Pl/2.0, other /1.0, Fd/1.4
	SBSwk3	04	Sxw – Huckleberry – Highbush cranberry	Pl Sx	Bl[3]	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/2.0, other /1.0
	SBSwk3	05	Sb – Labrador tea	Pl[11]	Sx Sb	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/2.0, other /1.0

	BGC Classification			Species		Stocking Mature Layer **			Stocking Pole Layer **			Stocking Sapling Layer **			Stocking Regeneration Layer **– well spaced stems/ha				
Stocking Standard ID	Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	MITD (m)	Free Growing Height
						well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha				
	SBSwk3	06	Sxw – Twinberry - Coltsfoot	Pl Sx	Bl[3]	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/2.0, other /1.0
	SBSwk3	07	Sxw - Devil's club	Sx[11]	Pl Bl[3]	600	300	250	800	400	300	1000	500	400	1200	700	600	1.6	Pl/2.0, other /1.0
	SBSwk3	08	Sxw - Horsetail	Sx[11]	Pl Bl[3]	400	200	200	600	300	250	800	400	300	1000	500	400	1.6	Pl/1.4, other /0.8
	ESSFmk	01	BlHm- Twistedstalk	Bl Sx	Hm Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	ESSFmk	02	BlPa - Cladonia	Pa Pl	Bl[3] Hm Sx	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.2, other/0.6
	ESSFmk	03	BlHm - Cladonia	Pa Pl	Bl[3] Hm Sx	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	ESSFmk	04	BlHm - Oak fern	Bl Sx	Hm Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	ESSFmk	05	BlHm - Devil's club - Lady fern	Bl Sx	Pl Hm	600	300	250	800	400	300	1000	500	400	1200	700	600	1.6	Pl/1.6, other /0.8,
	ESSFmk	06	Bl - Horsetail - Leafy moss	Bl Sx	Hm Ba	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	All 0.8
	ESSFmk	07	Bl - Lady fern - Horsetail	Bl Sx	Ba	400	200	200	600	300	250	800	400	300	1000	500	400	1.6	All 0.8
	ESSFmv3	01	Bl –Rhododendron-Feathermoss	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	ESSFmv3	02	BlPl - Crowberry - Cladina	Pl [11]	Sx Bl[3]	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.2, other/0.6

	BGC Classification			Species		Stocking Mature Layer **			Stocking Pole Layer **			Stocking Sapling Layer **			Stocking Regeneration Layer **– well spaced stems/ha				
Stocking Standard ID	Zone, Subzone, and Variant	Series	Association	Preferred (p)	Acceptable (a)	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	Target	Minimum preferred and acceptable	Minimum preferred	MITD (m)	Free Growing Height
						well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha			well-spaced stems/ha				
	ESSFmv3	03	BlSb - Labrador tea	Bl Sx	Pl Sb	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.2, other/0.6
	ESSFmv3	04	Bl - Oak fern - Knight's plume	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other /0.8
	ESSFmv3	05	Bl - Devil's club - Rhododendron	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	1.6	Pl/1.6, other /0.8
	ESSFmv3	06	Sxw - Huckleberry - Highbush cranberry	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1000	500	400	1.6	Pl/1.6, other /0.8
	ESSFmv3	07	Bl - Horsetail - Feathermoss	Bl Sx	Pl	400	200	200	600	300	250	800	400	300	1000	500	400	1.6	Pl/1.2, other /0.6
	ESSFmc	01	Bl- Huckleberry- Leafy Liverwort	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other/0.8
	ESSFmc	02	Bl Pl - Juniper - Cladonia	Pl[11]	Bl[3] Sx	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.2/other/0.6
	ESSFmc	03	Bl - Huckleberry - Crowberry	Pl[11]	Bl[3] Sx	400	200	200	600	300	250	800	400	300	1000	500	400	2.0	Pl/1.2/other/0.6
	ESSFmc	04	Bl - Huckleberry - Heron's-bill	Pl Bl Sx		600	300	300	800	400	400	1000	500	500	1200	700	700	2.0	Pl/1.6/other/0.8
	ESSFmc	05	Bl - Huckleberry - Thimbleberry	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other/0.8
	ESSFmc	06	Bl - Oak fern - Heron's bill	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	2.0	Pl/1.6, other/0.8
	ESSFmc	07	Bl - Devil's club - Lady fern	Bl Sx	Pl	600	300	250	800	400	300	1000	500	400	1200	700	600	1.6	Pl/1.6, other/0.8

	BGC Classification			Species		Stocking Mature Layer **			Stocking Pole Layer **			Stocking Sapling Layer **			Stocking Regeneration Layer **– well spaced stems/ha				
Stocking Standard ID	**Zone, Subzone, and Variant**	**Series**	**Association**	**Preferred (p)**	**Acceptable (a)**	**Target**	**Minimum preferred and acceptable**	**Minimum preferred**	**Target**	**Minimum preferred and acceptable**	**Minimum preferred**	**Target**	**Minimum preferred and acceptable**	**Minimum preferred**	**Target**	**Minimum preferred and acceptable**	**Minimum preferred**	**MITD (m)**	**Free Growing Height**
						well-spaced stems/ha			**well-spaced stems/ha**			**well-spaced stems/ha**			**well-spaced stems/ha**				
	ESSFmc	08	Bl - Valerian - Sickle moss	Bl Sx		400	200	200	600	300	300	800	400	400	1000	500	500	1.6	All 0.6
	ESSFmc	09	Bl - Horsetail - Glow moss	Bl Sx		400	200	200	600	300	300	800	400	400	1000	500	500	1.6	All 0.6
	ESSFmc	10	Bl - Horsetail - Leafy moss	Bl Sx		400	200	200	600	300	300	800	400	400	1000	500	500	1.6	All 0.6

Footnote 2 N/A

Footnote 3 Bl is preferred in riparian management areas, patch cut, shelterwood, and group selection silviculture systems. Where this situation occurs and Bl is the only acceptable species MIN p = MIN pa.

Footnote 9 For all openings less than 1 hectare in NAR that are part of a “minor salvage operation” the following standards apply:

- There are no preferred or acceptable species.
- The target, minimum preferred and acceptable, and minimum preferred number of well-spaced stems is 0.
- The MITD is 0.
- The minimum height is 0.
- When one of these openings is combined with other “minor salvage operation” openings to form a contiguous combined opening of greater than 1 hectare then this footnote no longer applies and the stocking standards in the table above will apply.

Footnote 10 Where the procedures outline in the Stocking and Free Growing Survey Procedures Manual are used to determine compliance with these standards, then the maximum number of well spaced tress (M-Value) at any one plot is TSS/Plot Multiplier.

Footnote 11 N/A

Footnote 12 Minimum Intertree Distance (MITD) applies only to the Pole, Sapling and Regeneration Layers.

Footnote 13 N/A

**Stand Layer Definition:

Mature Trees >= 12.5 cm dbh

Pole Trees 7.5 cm to 12.4 cm dbh

Sapling Trees >= 1.3m height to 7.4 cm dbh

Regeneration Trees < 1.3 m height

Appendix C: Maps

Map 1. Morrison FDU (1:50,000) Showing Content Required by Regulation

- New FDUs, Active CP's and CP's that meet FRPA s.196(1) or (2).
- Things in effect 4 month before the Date of Submission
- Scenic Areas
- Active Roads and Roads that meet FRPA s.196(1) or (2)

Map 2. Tanglechain FDU (1:50,000) Showing Content Required by Regulation

- New FDUs, Active CP's and CP's that meet FRPA s.196(1) or (2).
- Things in effect 4 month before the Date of Submission
- Scenic Areas
- Active Roads and Roads that meet FRPA s.196(1) or (2)

Appendix D: Approved Cutting Permits and Road Permits held by the Agreement Holder (FPPR section 14(3)(j))

Appendix Table 4. List of Approved FL A16827 Cutting Permits under which timber harvesting may occur.

CP	Block
558	403
558	404
873	334
880	371
880	410
881	337
881	413
881	414
881	458
881	489
881	460
882	411
882	456
882	457
883	343
883	344

Appendix Table 5. List of Approved FL A16827 Road Permits under which road construction may occur

Road Permit	Sections
R07545	All sections approved as of FSP commencement
R09690	All sections approved as of FSP commencement
R00899	All sections approved as of FSP commencement
R06340	All sections approved as of FSP commencement
R06341	All sections approved as of FSP commencement
R06801	All sections approved as of FSP commencement
R06802	All sections approved as of FSP commencement
R06952	All sections approved as of FSP commencement

Road Permit	Sections
R07167	All sections approved as of FSP commencement
R07180	All sections approved as of FSP commencement
R07182	All sections approved as of FSP commencement
R09101	All sections approved as of FSP commencement
R09996	All sections approved as of FSP commencement
R13247	All sections approved as of FSP commencement

Appendix E: Declared Areas (FPPR section 14(4))

Appendix Table 6. List of Declared Areas

CP	Block
n/a	n/a

Appendix F: Pacific Inland Resources (PIR) Public, Stakeholders, and First Nations Communication and Engagement Commitments

PIR is committed to communicating and engaging with the public, stakeholders, and First Nations that may be directly affected by their forestry activities. PIR recognizes to make these communication and engagement efforts valuable, the public, stakeholders, and First Nations require suitable information to fully understand and respond to forestry activities occurring in areas in which they have an interest. This information is not only required at the time that a Forest Stewardship Plan is proposed for approval but on an ongoing basis. The timely provision of best available information on the location of future cut blocks and roads, and the likely schedule of operations for activities (including changes to access such as road reactivation/deactivation) is required for interested parties to determine if and how they may be affected.

To facilitate communication of this information PIR is intending to implement the following strategies going forward. These strategies may be amended from time to time to reflect changes in Government policy and technological methods for communicating and distributing information. Communication and engagement efforts made by PIR are documented and tracked on a continual basis.

Public Communication

PIR is committed to making available to the public, at a minimum on an annual basis, the location of its proposed forestry operations. Currently this is being facilitated through the use of the Bulkley Web Map Service (BWMS) https://maps.forsite.ca/bml_infoshare/ that is being used by all major licensees in the Bulkley and Morice TSAs. The BWMS embraces the following principles:

- Provides a simple, single access point for most forest development (i.e., roads and blocks) information to the public, stakeholders, and First Nations.
- Encourages collaboration among forest operators.
- Demonstrates information that is up-to-date and reliable.
- Combines and make data readily available to participating members for further planning and analysis.

PIR is providing updated information to the BWMS twice per year, in approximately May and November. If for some unforeseen circumstance the BWMS service is discontinued PIR will implement an alternative method to annually communicate its forestry operations to the public.

First Nations

As part of the FSP process, PIR attempted to start an FSP information sharing process involving affected First Nations, and FLNRORD in March 2017 well prior to the start of the 60-day public review period. However, attempts at initiating this process did not culminate, therefore PIR sent out letters and maps to the affected First Nations describing the proposed plan during the public referral period and followed up with meetings where interest was expressed. The efforts made and the success of this process is documented in the FSP referral package submitted to the FLNRO on December 6, 2017.

The provisions of the FSP in regard to Cultural Heritage Resources include commitments to communicate with an affected First Nation the general areas that are proposed for timber harvesting or road construction under this FSP. PIR envisions this to be a flexible process that is dependent on the type of development and the capacity of the First Nation affected. In most cases, efforts will be made to gather site level information from affected First Nation groups prior to the final design and layout of a cutting permit or road. Depending on the cultural importance of the area and the capacity of the First Nation this

process may involve sending letters and maps, holding meetings, on-site inspections with First Nation representatives, or the transfer of digital block and road design data. All efforts to gather and communicate this information will be documented by the agreement holder. Processes will also be influenced and may require amending due to government policy and agreements made between First Nations and Government such as Forest Consultation and Revenue Sharing Agreements (FCRSA) and Strategic Engagement Agreements (SEA).

Trapping Tenure Holders

During the 60-day Forest Stewardship Plan public review period PIR sent out letters to all trapline tenure holders that overlap PIR's forest development units. The letters described the proposed plan and that the proposed FSP and associated maps could be found at the following website; http://www.westfraser.com/responsibility/local-forest-management/divisional-plans-publications-0/pacific-inland-resources-fsps. As well that the blocks and roads PIR is proposing for development over approximately the next 3 years can be found at the following website: http://services.forsite.ca/BML_infoshare. The efforts made and the success of this process is documented in the FSP referral package submitted to the FLNRO on December 6, 2017.

PIR has and will continue to notify trapline tenure holders of proposed harvesting operations prior to operations commencing. The process for this is to send out annual notification letters, usually in May and June each year, to all trapline tenure holders that overlap PIR's operations outlining PIR's proposed harvest schedule for the upcoming year. In this letter PIR lists specific blocks that are planned for harvest within the trapline holders' territory in the next 12 months. Maps that accompany these letters outline blocks planned for harvest in the next 3 years so the tenure holder is aware of PIR's longer term planned activities, and can provide feedback if they desire. As well PIR will be refencing the Bulkley Morice Web Map Service (BMWMS) https://maps.forsite.ca/bml_infoshare/ that is being used by all major licensees in the Bulkley and Morice TSAs.

Guiding Tenure Holders

During the 60-day Forest Stewardship Plan public review period PIR sent out letters to all guide tenure holders that overlap PIR's forest development units. The letters described the proposed plan and that the proposed FSP and associated maps could be found at the following website; http://www.westfraser.com/responsibility/local-forest-management/divisional-plans-publications-0/pacific-inland-resources-fsps. As well the blocks and roads PIR is proposing for development over approximately the next 3 years can be found at the following website: http://services.forsite.ca/BML_infoshare. The efforts made and the success of this process is documented in the FSP referral package submitted to the FLNRO on December 6, 2017.

PIR has and will continue to notify guide tenure holders of proposed harvesting operations prior to operations commencing. The process for this is to send out annual notification letters, usually in May and June each year, to all guide tenure holders that overlap PIR's operations outlining PIR's proposed harvest schedule for the upcoming year. In this letter PIR lists specific blocks that are planned for harvest within the guide holders' territory in the next 12 months. Maps sent out with these letters outline blocks planned for harvest in the next 3 years so the tenure holder is aware of PIR's longer term planned activities, and can provide feedback if they desire. As well PIR will be refencing the Bulkley Web Map Service (BWMS) https://maps.forsite.ca/bml_infoshare/ that is being used by all major licensees in the Bulkley TSA.

Range Tenure Holders

During the 60-day Forest Stewardship Plan public review period PIR sent out letters to all range tenure holders that overlap PIR's forest development units. The letters described the proposed plan and that the proposed FSP and associated maps could be found at the following website; http://www.westfraser.com/responsibility/local-forest-management/divisional-plans-publications-

0/pacific-inland-resources-fsps. As well the blocks and roads PIR is proposing for development over approximately the next 3 years can be found at the following website: http://services.forsite.ca/BML_infoshare. The efforts made and the success of this process is documented in the FSP referral package submitted to the FLNRO on December 6, 2017.

PIR has and will continue to notify range tenure holders of proposed harvesting operations prior to operations commencing. The process for this is to send out annual notification letters, usually in May and June each year, to all range tenure holders that overlap PIR's operations outlining PIR's proposed harvest schedule for the upcoming year. In this letter PIR lists specific blocks that are planned for harvest within the range tenure holders' territory in the next 12 months. Maps sent out with these letters outline blocks planned for harvest in the next 3 years so the tenure holder is aware of PIR's longer term planned activities, and can provide feedback if they desire. As well PIR will be refencing the Bulkley Web Map Service (BWMS) https://maps.forsite.ca/bml_infoshare/ that is being used by all major licensees in the Bulkley TSA.

Appendix G: Morrison Deciduous Acceptable and Non-deleterious Map