



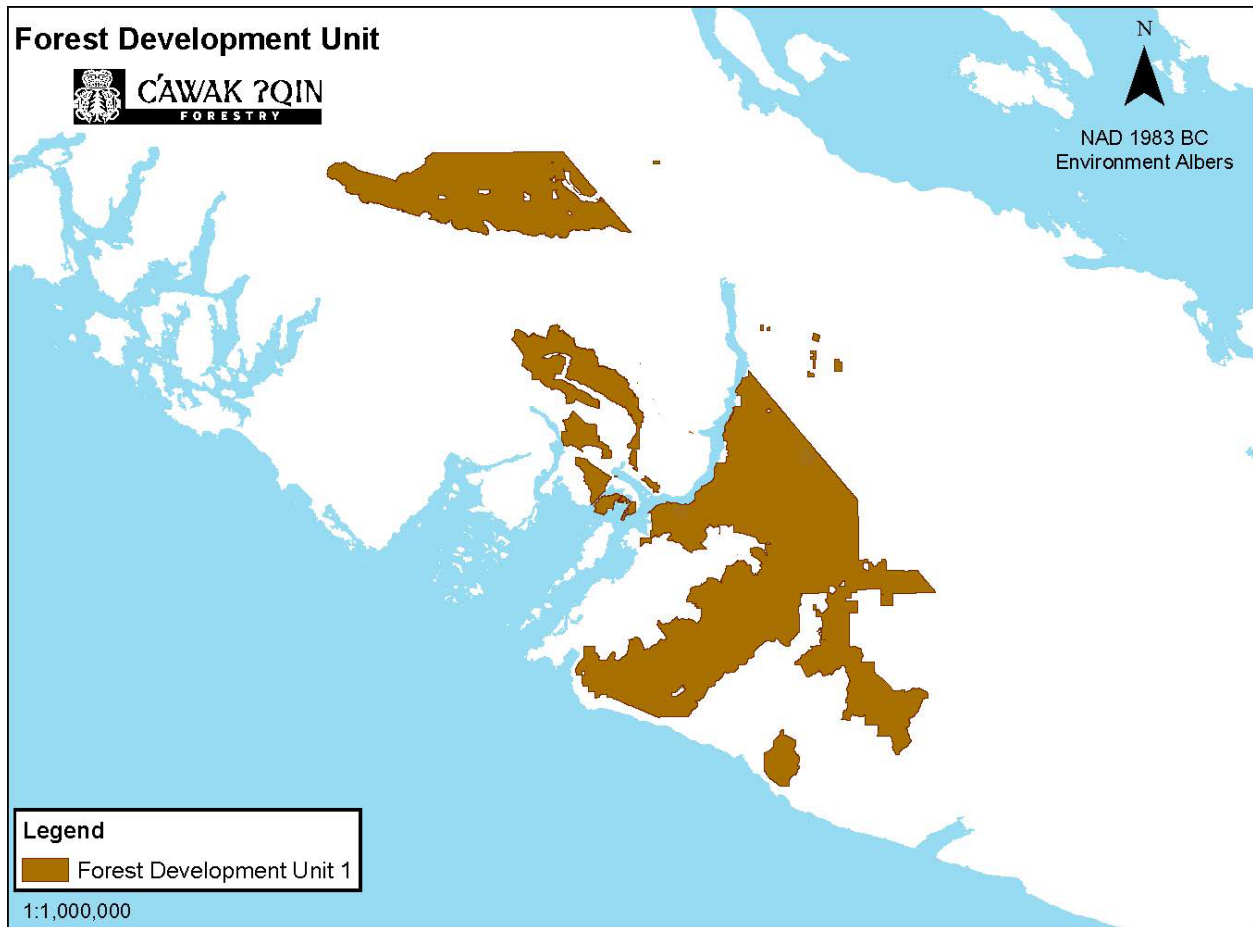
Tsawak-qin Forestry Inc.

**FOREST STEWARDSHIP
PLAN**

PREAMBLE

FSP is Key Operational Plan: Forest Stewardship Plans (“**FSP**”) are the key operational plan under the Forest and Range Practices Act (“**FRPA**”). **FSP**’s provide limits on where timber harvesting and **road** construction may occur, are subject to public review and comment and must be approved by **Government** before they take effect.

Area and Tenures to Which this FSP Applies (see Parts 1.0 and 3.0 of this **FSP**): This **FSP** applies to the tenures listed in Part 1.0 of the **FSP** within one or more areas that are each called a forest development unit, shown in overview on the map below.



Term (see Part 2.0 of the **FSP**): This **FSP** has a **Term** of 5 years. The **Term** commences on a date to be set by the **Government** when it approves the **FSP**.

Map (see Part 3.0 and Appendix A.1 of this **FSP**): The **FSP** includes a map of the **FDU**’s. The map shows land use designations, cutting permits, **road** permits and other things that are located within the **FDU**’s and in effect as of four months prior to submitting this **FSP** for approval.

Obligations (see Parts 4.0, 5.0 and 6.0 of the **FSP**): The **FSP** sets out key obligations to be met on the forest tenures to which the **FSP** applies. These obligations are based on requirements set out in **FRPA**.

- **Results and Strategies** (see Part 4.0 of the **FSP**): the **FSP** includes a result or strategy for each forest management objective **Government** has established that applies to the **FDU**'s. These objectives address the conservation of soils, timber, wildlife habitat, riparian areas, biodiversity (including maintenance of old growth, limits on **Cutblock** size, limits on adjacency of **Cutblocks** and retention of wildlife trees), cultural heritage resources, visual quality, and recreation sites. Each result must be achieved, and each strategy carried out in accordance with the **FSP**.
- **Stocking** (see Part 5.0 of the **FSP**): the **FSP** includes requirements for growing new forests that apply to the **Cutblocks** that are subject to this **FSP**; and
- **Measures** (see Part 6.0 of the **FSP**): the **FSP** includes measures that must be taken to prevent the introduction and spread of invasive plants.

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1.0 APPLICATION OF THIS FSP

REFERENCE INFORMATION REGARDING APPLICATION OF THIS FSP

A Forest Stewardship Plan must indicate the forest operations to which it applies. A Forest Stewardship Plan can apply to one or more forest tenures (licences) issued under the *Forest Act* and held by one or more licensees. A Forest Stewardship Plan can also apply to operations and obligations initially approved under and governed by the Forest Practices Code.

1.1 LICENCES (Act s.3(4)(b))

This **FSP**:

- (a) applies to each cutting permit and **road** permit that:
 - (i) has a term that commences after the **Term** commences;
 - (ii) applies to an area within **FDU #1**; and
 - (iii) is issued under or granted in respect of the following licences:

Licence	Licence Held By
Tree Farm Licence 44	Tsawak-qin Forestry Inc.

1.2 APPLICATION OF STOCKING STANDARDS TO OTHER CUTBLOCKS (Act. S.21(2))

Part 5.0 of this **FSP** applies to all **Cutblocks** within cutting permits to which the **Previous FSP** applied, in respect of obligations under section 29(1) of the **Act** that a **Holder of this FSP** must meet in respect of those **Cutblocks** after the **Term** of this **FSP** commences, and Part 5.0 of the **Previous FSP** is amended, and replaced by Part 5.0 of this **FSP**, accordingly.

2.0 TERM

REFERENCE INFORMATION REGARDING TERM OF THIS FSP
A Forest Stewardship Plan must indicate the length of the term for which it applies. At the election of the Holder of the FSP, the FSP can be for a term of up to 5 years. A Forest Stewardship Plan begins on a date specified by government when it approves the Plan.

2.1 LENGTH OF THE TERM (Act s.6(1)(a))

The **Term** of this **FSP** is 5 years beginning on the commencement specified in Paragraph 2.2 unless:

- (a) terminated earlier by a **Holder of this FSP** by giving notice to the **Government**;
or
- (b) extended pursuant to **FRPA**.

2.2 COMMENCEMENT OF TERM (Act s.6(1)(b))

The **Term** of this **FSP** commences on **December 4, 2022**

3.0 MAP

REFERENCE INFORMATION REGARDING THE FSP MAP

A Forest Stewardship Plan must include a map showing the boundaries of the forest development units to which the FSP applies. The Plan may also specify areas within a FDU that have been previously approved by government, in which case, approval is considered to have been given under the FSP as well. Finally, the FSP must identify specified areas of land use designations, such as ungulate winter ranges, old growth management areas and community watersheds, and cutting and road permits that are within the forest development unit.

3.1 MAP SHOWS BOUNDARIES OF FOREST DEVELOPMENT UNITS (Act s.5(1)(a)(ii) AND FPPR s.14(1) (b))

The boundaries of each **FDU** under this **FSP**:

- (a) are, subject to subparagraphs (b) and (c), shown on the **FSP Map**;
- (b) exclude any area subject to a cutting permit or **road** permit held by a **Holder of this FSP** as of the **Legislated Planning Date** that does not pertain to a licence referred to in Paragraph 1.1(a)(iii).
- (c) include, despite any inconsistency between the **FSP Map** and the boundaries of a tree farm licence, the full area of such licence, except any such area referred to in subparagraph (b).

3.2 MAP IDENTIFIES LAND USE DESIGNATIONS, CUTTING PERMITS, ROAD PERMITS AND OTHER THINGS (FPPR ss.14(2), (3) AND (4))

The **FSP Map** identifies the following things that are within a **FDU** and in effect as of the **Legislated Planning Date**

- (a) **ungulate winter range**;
- (b) **wildlife habitat area**;
- (c) **fisheries sensitive watershed**;
- (d) **lakeshore management zone**; as referred to in section 14(3)(d) of the **FPPR**;
- (e) **scenic area**;
- (f) **L1 lake**; as referred to in section 14(3)(f) of the **FPPR**;
- (g) **community watershed**;
- (h) **old growth management area**;
- (i) **declared areas**;
- (j) an area where commercial timber harvesting is prohibited by an enactment other than the **FPPR**; and the cutting permits and **road** permits referred to in section 14(3)(j) of the **FPPR**, except minor salvage cutting permits, which are identified in Appendix A.2 to this **FSP**.¹

¹ The **FSP Map** also identified resource management zones, but this identification is not required under FPPR s.14(3) and is included only for general information and is not part of this **FSP**.

3.3 FDU'S IN DESIGNATED AREAS WHERE ORDERS PERMIT ACTIVITIES

An area within an **FDU** that, as of the **Submission Date**, is subject to:

- (a) a **designated area**; and
- (b) a ministerial order made under section 170(2) of the **Forest Act** that suspends or gives a digression regarding the issuance of a permit, licence or plan within that **designated area**,

is, for so long as the **designated area** and order remain in effect, included as part of the **FDU** only to the extent and for the purpose of **primary forest activities** that are exempted or excepted from, or not prohibited under, that order.

4.0 RESULTS AND STRATEGIES

REFERENCE INFORMATION REGARDING RESULTS AND STRATEGIES

Subject to exemptions provided under FRPA, each Forest Stewardship Plan must contain a result or strategy for each objective created by government that is applicable to the Forest Development Unit under the Plan. The result or strategy must be consistent with the objective to the extent practicable, measurable and verifiable and indicate the circumstances or situations in which it applies

4.1 SOILS (FPPR s.5)

REFERENCE INFORMATION FOR OBJECTIVE RE SOILS

Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
1	Act s.149	FPPR s. 5	N/A	January 31, 2004
Summary for Objective for Soils (Objective #1 in this FSP)				
Without unduly reducing the supply of timber from B.C.'s forests, conserve the productivity and hydrological function of soils.				

RESULT OR STRATEGY FOR OBJECTIVE RE SOILS (Objective #1 in this FSP)

4.1.1 Conserving Soils Values: Adopting Regulation Provisions as a Result or Strategy

For the purposes of section 12.2 of the **FPPR**, and subject to Paragraph 4.1.2, a **Holder of this FSP** adopts sections 35 and 36 of the **FPPR** as a result or strategy under this **FSP**.

4.1.2 Adoption of Section 36 as a Result or Strategy

For the purposes of adopting section 36 of the **FPPR** as a result or strategy under this **FSP**, a reference to “**Cutblock**” in that section is deemed to be a reference to “**Cutblock**”, as that term is defined in this **FSP**.

4.2 WILDLIFE

REFERENCE INFORMATION FOR OBJECTIVE RE HABITAT FOR IDENTIFIED SPECIES				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
2	Act s.149	FPPR s.7	Notice – Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Marbled Murrelet (Brachyramphus marmoratus)	December 2, 2021
		Land Act s.93.4	Order for the Recovery of Marbled Murrelet (Brachyramphus marmoratus)	December 2, 2021
Summary for Objective re Habitat for Identified Species (Objective #2 in this FSP)				
Conserve sufficient wildlife habitat in terms of amount, distribution and attributes of areas for the survival of species at risk as identified in notices from the minister responsible for the Wildlife Act.				

RESULT OR STRATEGY FOR OBJECTIVE RE HABITAT FOR IDENTIFIED SPECIES (Objective #1 in this FSP)

4.2.1 Definitions

In Paragraphs 4.2.1 to 4.2.4:

- (a) “**Notice**” means the: Notice – Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Marbled Murrelet (*Brachyramphus marmoratus*);
- (b) “**Order**” means the: Order for the Recovery of Marbled Murrelet (*Brachyramphus marmoratus*);
- (c) “**Suitable Habitat**” means habitat within a stand of timber that is Rank 1, 2 or 3 marbled murrelet habitat, as described in the **Survey Standard**; and
- (d) “**Survey Standard**” means *Standard Methods for Identifying and Ranking Nesting Habitat of Marbled Murrelets (Brachyramphus marmoratus) in British Columbia using air photo Interpretation or Low-Level Aerial Surveys*, Burger, A.ed. 2004.

4.2.2 Area Not to be Harvested

Subject to Paragraph 4.2.3 to 4.2.4, a **Holder of this FSP**, according to the **Order** and **Notice**, will not harvest the areas within the Landscape Units and Landscape Unit aggregates specified in Appendix B.1 to this **FSP**.

4.2.3 Allowance to Harvest

A Holder of this FSP will adopt Objectives 3(3) and 3(4) of the **Order**.

4.2.4 Where Result or Strategy Does Not Apply

Paragraph 4.2.2 does not apply if and to the extent that, after the **Legislated Planning Date**, a **Holder of this FSP** is granted an exemption under section 7(3) of the **FPPR** that applies in respect of the result or strategy in that Paragraph.

4.3 RIPARIAN

4.3.1 Water, Fish, Wildlife & Biodiversity in Riparian Areas (FPPR s.8)

REFERENCE INFORMATION FOR OBJECTIVE RE WATER, FISH, WILDLIFE & BIODIVERSITY IN RIPARIAN AREAS				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
3	Act s.149	FPPR s.8	N/A	January 31, 2004
Summary for Objective re Water, Fish, Wildlife & Biodiversity in Riparian Areas (Objective #3 in this FSP)				
Without unduly reducing the supply of timber for BC's forests, conserve, at the landscape level, specified values within riparian areas.				

RESULT OF STRATEGY FOR OBJECTIVE RE WATER, FISH, WILDLIFE & BIODIVERSITY IN RIPARIAN AREAS (Objective #3 in this FSP)

4.3.1.1 Factors Relating to Objective

For the purpose of section 12(1) of the **FPPR**, a **Holder of this FSP** will consider all applicable factors set out in Schedule 1 section 2 of the **FPPR** when applying Paragraphs 4.3.1.2 to 4.3.1.8.

4.3.1.2 Riparian Classes: Adopting Regulation Provisions as Result or Strategy

For the purposes of sections 12.3(1) to (3) and 12.3(7) of the **FPPR**, and subject to Paragraph 4.3.1.3, a **Holder of this FSP** adopts sections 47(5) to (6), 48(3) to (5), 49(3) and 53 of the **FPPR** as a result or strategy under this **FSP**.

4.3.1.3 Where Width of Riparian Reserve Zone May Vary

For the purpose of sections 47(4) and 49(2) of the **FPPR** as a result or strategy under this **FSP**, the **riparian reserve zone** for a **stream** or lake:

- (a) subject to subparagraph (b), will be of a width specified in those provisions of the **FPPR**; or
- (b) when required by a **Holder of this FSP**, set out in the applicable site plan under **FRPA**, will:
 - (i) reduce the width of the **riparian reserve zone**;
 - (A) for the safety of an **industrial user** or the public when using Bamfield and Carmanah Mainlines;
 - (B) when an existing **road** is within a **riparian reserve zone**, the area of the **riparian reserve zone** that exists on the opposite side of the **road** from the **stream** or lake; or
 - (C) for protecting infrastructure, including but not limited to,

- powerlines, pipelines, and buildings; and
- (ii) include a rationale completed and documented by a **Qualified Registered Professional** having regard to:
 - (A) the size, topography and engineering constraints of the **Cutblock or road**;
 - (B) the relative wind firmness of the proposed area of the **riparian reserve zone** to reduce; and
 - (C) the risk associated with items listed in Clause (i);
- (iii) show the boundaries of the reduced **riparian reserve zone** in the site plan.

4.3.1.4 Restrictions in Riparian Management Area: Adopting Regulation Provisions as Result or Strategy

For the purposes of sections 12.3(4) of the **FPPR**, and subject to Paragraph 4.3.1.5, a **Holder of this FSP** adopts section 50(1) of the **FPPR** as a result or strategy under this **FSP**.

4.3.1.5 Permitted Road Construction in a Riparian Management Area

For the purposes of adopting section 50(1) of the **FPPR** as a result or strategy under this **FSP**, in addition to the circumstances listed in section 50(1) that permit **road** construction in a **riparian management area**, a **Holder of this FSP** may construct a **road** in a **riparian management area** that does not include a **riparian reserve zone** if the **road** ends within the **riparian management area** and timber will be yarded to the **road** through the **riparian management area**.

4.3.1.6 Restrictions in Riparian Reserve Zone: Adopting Regulation Provisions as Result or Strategy

For the purposes of section 12.3(5) of the **FPPR**, a **Holder of this FSP** adopts section 51(1) and (3) of the **FPPR** as a result or strategy under this **FSP**.

4.3.1.7 Restrictions in Riparian Management Zone: Adopting Regulation Provisions as Result or Strategy Where Instability Will Have Adverse Effect

For the purposes of sections 12.3(6) of the **FPPR**, a **Holder of this FSP** adopts section 52(2) of the **FPPR** as a result or strategy under this **FSP** where and to the extent the failure to maintain **stream** bank or channel stability referred to in that section will have a material adverse effect on:

- (c) an S1, or S2 or S3 **stream** listed in section 52(2)(a) thereof;
- (d) an area listed in sections 52(2)(b)(i) to (v) thereof; or
- (e) an area referred to in section 52(2)(c) thereof.

4.3.1.8 Retention within the Riparian Management Zone (FPPR s.12(3))

A **Holder of this FSP** will:

- (a) not fell a tree within the **riparian management zone** for:

-
- (i) an S1, S2 or S3 **stream** if that felling will create a high likelihood of slope failure and such failure, if occurs, will have a material adverse effect on the **stream**; or
 - (ii) a **wetland** or lake if that felling will have a material adverse effect on a recreation site within the zone or on the visual quality of the zone, if there is, and as assessed from, a viewpoint with significant public viewing opportunities on the **wetland** or lake; and
 - (b) ensure that at the conclusion of harvesting a **Cutblock** to which this **FSP** applies, and that contains one or more **riparian management zones** for one or more **streams**, a portion of a **wildlife tree retention area** that relates to that **Cutblock** is located within at least one such **riparian management zone**.

4.3.2 Fish Habitat in Fisheries Sensitive Watersheds (VILUP HLPO Objective 8 and Order under GAR s.14)

REFERENCE INFORMATION FOR OBJECTIVE RE FISH HABITAT IN FISHERIES SENSITIVE WATERSHEDS				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
4 (# applies to list collectively)	Land Use Objective	VILUP HLPO Objective 8	Ministers of Forest, Environment, Lands & Parks and Energy and Mines	December 1, 2000
	Act s.149	FPPR s.8.1	N/A	January 31, 2004
	Objective established under GAR	GAR s.14	Order of Deputy Minister of Environment dated December 19, 2005	December 28, 2005
Summary for Objective re Fish Habitat in Fisheries Sensitive Watersheds (Objective #4 in this FSP)				
VILUP HLPO Objective 8 (applies to Klanawa River only): Avoid or mitigate adverse hydrological impacts, which may result from the practices referred to in VILUP HLPO Objective 7, in watersheds with significant watershed sensitivity and significant fisheries values, as determined by the district manager and the designated environment official.				
GAR s.14 (applies to Haddon Creek and Klanawa River): To provide, within the normal forest rotation, special management of the amount, timing, and distribution of primary forest activities, in order to: <ul style="list-style-type: none"> i. conserve the natural hydrological conditions, natural stream bed dynamics and integrity of stream channels in the Fisheries Sensitive Watershed; and ii. conserve the quality, quantity and timing of water flows required by fish in the Fisheries Sensitive Watershed from resulting in a material adverse impact on the fish habitat in the watershed. 				

RESULT OR STRATEGY FOR OBJECTIVE RE FISH HABITAT IN FISHERIES SENSITIVE WATERSHEDS (Objective #4 in this FSP)

4.3.2.1 Fisheries Sensitive Watersheds in FDU #1

In Paragraph 4.3.2.2 and Appendices B.2 and B.3 to this **FSP**, “**Fisheries Sensitive Watershed**” means the watershed for the following:

- (a) Haddon Creek, South Island Forest District; and
- (b) Klanawa River, South Island Forest District,

as established as of the **Legislated Planning Date** unless, after that date the designation of the area as a fisheries sensitive watershed is:

- (a) amended to reduce the area it covers; in which case this definition applies to the area of the watershed as reduced; or

(b) cancelled, in which case it will no longer fall within this definition of **Fisheries Sensitive Watershed**.

4.3.2.2 Conduct of Primary Forest Activities in Fisheries Sensitive Watersheds

While carrying out a *primary forest activity* to which this **FSP** applies in a **Fisheries Sensitive Watershed** in **FDU #1**, and for the purposes of sections 12.31(1) to (3) of the **FPPR**, a **Holder of this FSP** will do so in accordance with Appendices B.2 and B.3 to this **FSP**.

4.3.3 Water in Community Watersheds (FPPR s.8.2)

REFERENCE INFORMATION FOR OBJECTIVE RE COMMUNITY WATERSHEDS				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
5	Act s.149	FPPR s.8.2	N/A	February 25, 2005
Summary for Objective re Fish Habitat in Community Watersheds (Objective #5 in this FSP)				
Without unduly reducing the supply of timber from BC's forests, where water is being diverted for human consumption through a licensed waterworks in a community watershed, prevent cumulative hydrological effects of primary forest activities from resulting in a material adverse impact on either quantity or timing of flow of the water from the waterworks or on human health that cannot be addressed by water treatment required under an enactment of the waterworks license.				

RESULT OF STRATEGY FOR OBJECTIVE RE WATER IN COMMUNITY WATERSHEDS (OBJECTIVE #5 IN THIS FSP)

4.3.3.1 Community Watersheds in FDU #1

In Paragraph 4.3.3.2 and Appendices B.3 and B.4 to this **FSP**, “**Community Watershed**” means the following:

- (a) China Creek Community Watershed;
- (b) Cousteau Creek Community Watershed;
- (c) Haggard Lake Community Watershed;
- (d) Malachan Creek Community Watershed;

as established as of the **Legislated Planning Date**, unless, after that date the designation of the area as a community watershed is:

- (a) amended to reduce the area it covers; in which case this definition applies to the area of the watershed as reduced; or
- (b) cancelled, in which case it will no longer fall within this definition of **Community Watershed**.

4.3.3.2 Preventing Cumulative Hydrological Effects in Community Watersheds

For the purposes of sections 8.2 and 12.32(1) to (3) of the **FPPR**, and subject to Paragraphs 4.3.3.3, when carrying out **primary forest activity** to which this **FSP** applies in a **Community Watershed**, a **Holder of this FSP** will do so in accordance with Appendices B.3 and B.4 to this **FSP**.

4.3.3.3 Where Result or Strategy Does Not Apply

Paragraph 4.3.3.2 does not apply if and to the extent that, after the **Legislated Planning Date**, a **Holder of this FSP** is given an exemption under either section 8.2(4) or (5) of the **FPPR**, that applies in respect of the result or strategy under that Paragraph.

4.4 BIODIVERSITY

4.4.1 Old Growth and Mature Forests Under Vancouver Island Land Use Plan Higher Level Plan Order

REFERENCE INFORMATION FOR OBJECTIVE RE VILUP HLPO OLD GROWTH AND MATURE FORESTS				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
6 (# applies to list collectively)	Land Use Objective	VILUP HLPO (see list of Objectives below)	Order of Ministers of Forests, Environment, Lands and Parks & Energy and Mines	December 1, 2000
Summary for Objective re VILUP HLPO Old Growth and Mature Forests (Objective #6 in this FSP)				
VILUP HLPO Objective 1(a) and (b): for SMZ's 1 to 14 and 17 to 22, sustain ecosystem structure and function (Note that this FSP covers SMZ's 14, 17, 18 and 21).				
VILUP HLPO Objective 11: in RMZ 42 , retain old seral forest in CWH vm1 in accordance with the full old seral target of 13 per cent for the variant.				
VILUP HLPO Objective 11.1: in RMZ 42 , despite Objective 11, up to one third of the old seral target may be recruited from second growth if necessary to avoid severe social & economic consequences; does not impact ability to conserve suitable habitat of ID wildlife in accordance with IWMS; and ecologically suitable second growth is identified.				
VILUP HLPO Objective 15: for RMZ 43 , retain old growth forests to meet old seral targets and marbled murrelet habitat requirements in the non-contributing land base to the fullest extent possible.				
VILUP HLPO Objective 16: for RMZ 43 , beyond retention in the non-contributing land base, retain old forests in the timber harvesting land base, up to the full target amount, if the district manager and the designated environment official determine that such retention is required to maintain critical marbled murrelet habitat.				

RESULT OR STRATEGY FOR OBJECTIVE RE VILUP HLPO OLD GROWTH AND MATURE FORESTS (OBJECTIVE #6 IN THIS FSP)

4.4.1.1 Definition (VILUP HLPO Objective 1(a))

For the purposes of:

- (a) Paragraphs 4.4.1.2 and 4.4.1.3 and Appendix B.5.1 to this **FSP**, “**Mature**” means 120 years or older for the MHmm1 and 80 years or older in age for all other **BEC** zones;
- (b) Paragraphs 4.4.1.5, 4.4.1.6 and 4.4.1.7 and Appendix B.5.1 to this **FSP**, “**Old Seral**” means 250 years or older in age;
- (c) Paragraphs 4.4.1.2 to 4.4.1.4, “**Applicable SMZ's**” means the following **SMZ's** to which **VILUP HLPO** Objectives 1(a) and 1(b), as they were on the **Legislated**

Planning Date and this **FSP** apply, namely **SMZ's** 14, 17, 18 and 21.

4.4.1.2 Mature Seral Forests – Area not to be Harvested (VILUP HLPO Objective 1(a))

Subject to Paragraph 4.4.1.3, a **Holder of this FSP** will not harvest from **FSP #1** at least the following area of **Mature** seral forest that existed as of the **Legislated Planning Date** in the **Applicable SMZ's**:

SMZ	Area (hectares)
14	302
17	1160
18	625
21	117

4.4.1.3 Mature Seral Forests – Adjustment to Area Not to be Harvested (VILUP HLPO Objective 1(a))

An area specified in Paragraph 4.4.1.2 will be adjusted if and when the following occur and as follows:

(a) if after the **Legislated Planning Date**:

- (i) **VILUP HLPO** Objective 1(a) is amended to reduce the amount, by area, of **Mature** seral forest to be retained in an **Applicable SMZ's**; or
- (ii) the proportion of the area within an **Applicable SMZ** to which **VILUP HLPO** Objective 1(a) and this **FSP** applies that is subject to a licence referred to in Paragraph 1.1 is reduced,

the amount, by area, of **Mature** seral forest in that **Applicable SMZ** that a **Holder of this FSP** will not harvest will be based on a reduced amount calculated in accordance with Appendix B.5.1 to this **FSP**.

4.4.1.4 Wildlife Trees and Coarse Woody Debris (VILUP HLPO Objective 1(b))

If harvesting a **Cutblock** in an **Applicable SMZ**, a **Holder of this FSP** will, as of the conclusion of that harvesting:

- (a) comply with Paragraphs 4.4.5.1 to 4.4.5.4;
- (b) retain coarse woody debris at levels in accordance with section 68 of the **FPPR**, measured on the basis of an average per hectare across a **Cutblock**; and
- (c) ensure that some portion of a **Reserve** that is created to comply with subparagraph (a) is not contiguous with the boundary of the **Cutblock** to which that area relates.

4.4.1.5 Old Seral Forests – Area Not to Be Harvested (VILUP HLPO Objective 11)

Subject to Paragraphs 4.4.1.6 and 4.4.1.7, a **Holder of this FSP** will not harvest at

least the following area of old seral forest in the CWHvm1 in **RMZ 42** that existed as of the **Legislated Planning Date**:

RMZ	Area (hectares)
42	1104

4.4.1.6 Old Seral Forests – Adjustment to Area Not to be Harvested (VILUP HLPO Objectives 11 and 11.1)

The area referred to in Paragraph 4.4.1.5 will be adjusted if and when the following occur and as follows:

- (a) if the existing amount of old seral forest in the CWHvm1 in **RMZ 42** on the **Legislated Planning Date** is less than 13% of the forest land, the amount of old seral forest in the CWHvm1 in **RMZ 42** that a **Holder of this FSP** will not harvest will be that existing amount; and
- (b) if after the **Legislative Planning Date**:
 - (i) **VILUP HLPO** Objective 11 is amended to reduce the amount, by area, of old seral forest to be retained in **RMZ 42**; or
 - (ii) the proportion of the area within **RMZ 42** that is subject to a licence referred to in Paragraph 1.1 is reduced;

the amount, by area, of old seral forest in **RMZ 42** to which **VILUP HLPO** Objective 11 and this **FSP** applies that a **Holder of this FSP** will not harvest will be based on a reduced amount calculated in accordance with Appendix B.5.1 to this **FSP**.

4.4.1.7 Old Seral Forests – Further Adjustment to Area Not to be Harvested to Avoid Social and Economic Consequences (VILUP HLPO Objectives 11.1)

The area that a **Holder of this FSP** will not harvest under Paragraph 4.4.1.5 or 4.4.1.6 may be reduced by up to one-third if that **Holder of this FSP** recruits from second growth forest and provided that:

- (a) such recruitment is necessary to avoid severe social and economic consequences;
- (b) such recruitment will not impact the ability to conserve suitable habitat of identified wildlife in accordance with the Identified Wildlife Management Strategy; and
- (c) ecologically suitable second growth forest is identified to recruit the shortfall.

4.4.1.8 Marbled Murrelet – Area Not to Be Harvested (VILUP HLPO Objectives 15 and 16)

If and to the extent **Government** specified in a notice to a **Holder of this FSP** that retention within the timber harvesting land base in **RMZ 43** is required to maintain critical marbled murrelet habitat, a **Holder of this FSP** will design **Cutblocks** and

roads within such area specified in the notice consistent with **VILUP HLPO** Objectives 15 and 16, as they were on the **Legislated Planning Date** to the extent that the maintenance of such habitat is not already addressed by Paragraph 4.4.3 or another result or strategy under this **FSP**.

4.4.1.9 Where Result or Strategy Does Not Apply

Paragraphs 4.4.1.5 to 4.4.1.8 do not apply to a **RMZ** referred to in those Paragraphs if, within all landscape units that contain the **RMZ**, an old growth management area has been established.

4.4.2 Old Growth Management Areas (OGMAs) in Specified Landscape Units

REFERENCE INFORMATION FOR OGMA'S IN SPECIFIED LANDSCAPE UNITS				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
7 (# applies to all fo the listed objectives collectively)	Land Use Objective	Land Act s.93.4 Great Central Lake Landscape Unit	Order of MFLNRO Regional Executive Director dated August 10, 2015	August 18, 2015
	Land Use Objective	Land Act s.93.4 Caycuse, Nitinat and Walbran Landscape Unit	Order of ILMB Regional Director dated September 7, 2005	February 22, 2007
Summary for Objective re OGMA's in Specified Landscape Units (Objective #7 in this FSP)				
Each of these objectives specifies that forest practices within the indicated old growth areas are restricted, subject to specified exceptions.				

RESULT OR STRATEGY FOR OBJECTIVE RE OGMA's IN SPECIFIED LANDSCAPE UNITS (OBJECTIVE #7 IN THIS FSP)

4.4.2.1 Activities within OGMA's

If carrying out timber harvesting or **road** construction in an OGMA in a landscape unit specified in the table below to the **FSP**, a **Holder of this FSP** will do so in the manner set out in the **Renfrew SRMP** and the Landuse Objectives for Old Growth Management Areas (OGMAs) within the Great Central Lake Landscape Unit on Southern Vancouver Island.

Landscape Unit	Order Establishing Objective for OGMA's
Caycuse	Dated: December, 2006
Nitinat	Dated: December, 2006
Walbran	Dated: December, 2006
Great Central Lake	Dated: August, 2015

4.4.3 Non-Spatial Old Growth Retention

REFERENCE INFORMATION FOR OBJECTIVE RE NON-SPATIAL OLD GROWTH RETENTION				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
8	Land Use Objective	FPC Act s.4 Landscape Unit Objective	MSRM Non-Spatial Old Growth	June 30, 2004
Summary for Objective re Non-Spatial Old Growth Retention (Objective #8 in this FSP)				
Licensees must maintain old forest by BEC variant within a landscape unit according to the age and % old forest retention specified in the objective by emphasis areas. There are exemptions including addressing impacts on timber supply in low emphasis areas, using younger forests in intermediate and high areas and not applying the objective where there are draft or existing old growth management areas, non-spatial old growth objectives established in a higher level plan or Category A cutblocks approved under the Forest Practices Code.				

RESULT OR STRATEGY FOR OBJECTIVE RE NON-SPATIAL OLD GROWTH RETENTION (OBJECTIVE #8 IN THIS FSP)

4.4.3.1 Definition

Paragraphs 4.4.3.2 to 4.4.3.4, “**Objective**” means the Order Establishing Provincial Non-Spatial Old Growth Objectives that came into effect June 30, 2004.

4.4.3.2 Area Not to be Harvested

Subject to Paragraphs 4.4.3.3 and 4.4.3.4, a **Holder of this FSP** will not harvest at least the areas of old forest of the age specified in the **Objective** that are specified in Appendix B.5.2 to this **FSP**.

4.4.3.3 Adjustment to Area Not to be Harvested

Despite Paragraph 4.4.3.2:

- (a) if the amount of old forest in the landscape unit on the **Legislated Planning Date** is below $IA \times P$, as those variables are defined in Appendix B.5.2 to this **FSP**.
 - (i) the existing amount of old forest of the age specified in the **Objective** within the landscape unit and **BEC** to which this **FSP** applies and in which the harvesting occurs that a **Holder of this FSP**, will not harvest will be that existing amount; and
 - (ii) a **Holder of this FSP** will propose a recruitment strategy to the minister responsible for the **Objective** and, if approved by the minister, a **Holder of this FSP** will apply that strategy; and
- (b) if after the **Legislated Planning Date**:
 - (i) the **Objective** is amended to reduce the amount, by area, of old forest of the age specified in the **Objective** within a landscape unit and **BEC**

- relevant to this **FSP** to be retained;
- (ii) the proportion of the area, to which the **Objective** and this **FSP** applies, that is subject to a licence referred to in Paragraph 1.1 is reduced; or
- (iii) the amount, by area, of old forest of the age specified in the **Objective** within a landscape unit and **BEC** to which the **Objective** and this **FSP** applies that is included within a protected area increase,

the amount, by area, of old forest of the age specified in the **Objective** within a landscape unit and **BEC** to which the **Objective** and this **FSP** applies that a **Holder of this FSP** will not harvest will be based on a reduced amount calculated in accordance with Appendix B.5.2 to this **FSP**.

4.4.3.4 Where Result or Strategy Does Not Apply

Paragraphs 4.4.3.2 and 4.4.3.3 do not apply:

- (a) in a landscape unit where:
 - (i) the minister responsible for the **Objective**, or a delegate of that minister, specifies that a draft old growth management area meets the intent of the **Objective**; and
 - (ii) a **Holder of this FSP** will supply the **Ministry** with changes to a draft old growth management area that meets the intent of the **Objective** on an annual basis by the end of the calendar year;
- (b) in a landscape unit in which an old growth management area exists; or
- (c) to limit or prevent harvesting of an area identified on the **FSP Map** as an area subject to section 196(1) of the **Act**.

4.4.4 Cutblock Size and Adjacency

REFERENCE INFORMATION FOR OBJECTIVE RE CUTBLOCK SIZE AND ADJACENCY				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
9	Land Use Objective	VILUP HLPO (see list of objectives below)	Order of Ministers of Forests, Environment, Lands and Pards & Energy and Mines	December 1, 2000
Summary for Objective re Cutblock Size and Adjacency under VILUP HLPO (Objective #9 in this FSP)				
VILUP HLPO Objective 1(c): In SMZ 14, 18, 17 and 21 (Objective also covers SMZ 1-11, 12, 13, 19, 20, 22, but this FSP does not), sustain forest ecosystem structure and function by applying a variety of silvicultural systems, subject to a maximum cutblock size of 5 hectares or 40 hectares, depending on system.				
VILUP HLPO Objective 2: Despite VILUP HPLO Objective 1(c), larger block sizes can be approved to recover damaged timber, providing where possible structural characteristics of natural disturbances.				
VILUP HLPO Objective 7: In EFZ's 38, 42, 43, and 44, to increase the short-term availability of timber: (a) a cutblock may be larger than 40 hectares pursuant to section 11(2)(a) of the Operational Planning Regulation [now repealed]; and (b) pursuant to section 68(4) of the Operational Planning Regulation [now repealed], a cutblock is greened-up if it is adequately stocked and the average height of those trees that are (i) the tallest tree in each 0.01 hectare plot included in a representative sample, and (ii) a commercially valuable species or other species acceptable to the district manager is at least 1.3 meters.				
REFERENCE INFORMATION FOR OBJECTIVE RE CUTBLOCK SIZE AND ADJACENCY AT LANDSCAPE LEVEL				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
10	Act s.149	FPPR s.9	N/A	January 31, 2004
Summary of Objective #10 in this FSP				
Without unduly reducing the supply of timber from BC's forests and, to extent practicable, design areas of harvesting that resemble patterns of natural disturbance at landscape level.				

RESULT OR STRATEGY FOR OBJECTIVE RE CUTBLOCK SIZE AND ADJACENCY (OBJECTIVES 9 AND 10 IN THIS FSP)

4.4.4.1 Cutblock Size and Adjacency: Adopting Regulation Provisions as Result or Strategy

For the purposes of sections 12.4(1) and (2) of the **FPPR**, and subject to Paragraphs 4.4.4.2 to 4.4.4.5, a **Holder of this FSP** adopts sections 64(1) and 65(2) of the **FPPR** as a result or strategy under this **FSP**, as those sections are affected by sections 64(2) to (4) and 65(1), (3) and (4) of the **FPPR** respectively.

4.4.4.2 Variations from Cutblock Size Due to VILUP HLPO (VILUP HLPO Objectives 1(c), 2 and 7)

Despite Paragraph 4.4.4.1, a **Holder of this FSP**:

- (a) in respect of the size of the **net area to be reforested** for a **Cutblock** that is partially or entirely within any of **SMZ 14, 17, 18 and 21** established by the **VILUP HLPO**, and that remains in effect:
 - (i) will, subject to clause (iii), if clearcut, clearcut with **Reserves** or seed tree silviculture systems are applied, ensure the **net area to be reforested** does not exceed 5 hectares;
 - (ii) will, subject to clause (iii), if shelterwood, selection or retention silviculture systems are applied, ensure the **net area to be reforested** does not exceed 40 hectares; or
 - (iii) may, if the **Cutblock** is being harvested to recover timber that was damaged by fire, insects, wind or other similar events, exceed the 5 hectare and 40 hectare limits in clauses (i) and (ii) provided that, wherever possible, the **Cutblock** incorporates structural characteristics of natural disturbances;
- (b) will, for the **Cutblocks** to which subparagraph (a)(i) or (a)(ii) applies, use a variety of the silvicultural systems, patch sizes and patch shapes referred to in that subparagraph over the **Term** and over the **Applicable SMZ's** in which the subparagraph applies; and
- (c) in respect to the size of the **net area to be reforested** for a **Cutblock** that is entirely within an Enhanced Forestry Zone established by the **VILUP HLPO**:
 - (i) if the **Cutblock** is not within an area designated as a community watershed, may, for the purpose of increasing the short-term availability of timber or of increasing harvest flexibility, cause that **net area to be reforested** to exceed 40 hectares; and
 - (ii) may, treat the non-greened up portion of an **existing cutblock** adjacent to a **new cutblock** as part of the **net area to be reforested** of the **new cutblock**.

4.4.4.3 Stocking for Adjacency to be Based on 100 Tallest Trees Per Hectare

For the purpose of adopting section 65(2)(a) of the **FPPR** as a result or strategy under Paragraph 4.4.4.1 of this **FSP**, as that section is affected by section 65(3)(a) of the **FPPR**, the reference in section 65(3)(a) for the purposes of section 65(2)(a) to “the tallest 10% of the trees on the area” is changed to “the 100 tallest trees per hectare on the area”.

4.4.4.4 Variation from Adjacency Due to VILUP HLPO

For the purpose of adopting section 65(2)(a) of the **FPPR** as a result or strategy under Paragraph 4.4.4.1 of this **FSP**, as that section is affected by section 65(3) of the **FPPR**, for an **existing cutblock** that is entirely within an Enhanced Forestry Zone established by the **VILUP HLPO**, section 65(3) of the **FPPR** will not apply for the purposes of section 65(2)(a), and is replaced with the following requirements:

- (a) at least 75% of the **net area to be reforested** of the **existing cutblock** is stocked such that the average height of the 100 tallest trees per hectare on the area is a minimum of 1.3 meters and is stocked in accordance with the applicable

- stocking standards for that **Cutblock**;
- (b) the part of the **net area to be reforested** of the **existing cutblock** that is closest to the **new cutblock**:
 - (i) must be at least half of the **net area to be reforested**,
 - (ii) is stocked such that the average height of the 100 tallest trees per hectare on the area is a minimum of 1.3 meters, and
 - (iii) is stocked in accordance with the applicable stocking standards for that **Cutblock**.

4.4.4.5 Adjacency for Variable Retention

For the purpose of adopting section 65(2) of the **FPPR** as a result or strategy under this **FSP**, the prohibition on harvesting timber in a **new cutblock** under that section 65(2) does not apply if:

- (a) at least 40% of the basal area that was on the **existing cutblock** before timber harvesting remains on the **existing cutblock** on the **commencement date** for the **new cutblock**; or
- (b) on the **commencement date** for the **new cutblock**, no point within the **net area to be reforested** of the **existing cutblock** is:
 - (i) more than two tree lengths from either:
 - (A) the **Cutblock** boundary, or
 - (B) a group of trees reserved from harvesting that is greater than or equal to 0.25 hectares in size, or
 - (ii) more than one tree length from:
 - (A) a single tree; or
 - (B) a group of trees reserved from timber harvesting that is less than 0.25 hectares in size.

4.4.5 Wildlife Tree Retention (Landscape Unit Objectives and FPPR s.9.1)

REFERENCE INFORMATION FOR OBJECTIVE RE WILDLIFE TREE RETENTION IN SPECIFIC LANDSCAPE UNITS				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
11 (# applies to all Objectives listed collectively)	Land Use Objective	Land Act s.93.4 Cayuse, Nitinat, and Walbran Landscape Unit Objectives	Order of ILMB Regional Director dated September 7, 2005	February 22, 2007
Summary for Objective re Wildlife Tree Retention (Objective #11 in this FSP)				
<p>In Specified Landscape Units: Each of these objectives specifies an amount by % and by BEC of wildlife tree retention related to harvesting, in some cases, requiring this to be provided over a period of time, and, in other cases, by cutblock. Additional provisions relating to age, value and distribution are also included and vary among the objectives.</p> <p>Under FPPR s.9.1: Without unduly reducing the supply of timber from BC's forests, retain wildlife trees.</p>				

RESULT OR STRATEGY FOR OBJECTIVE RE WILDLIFE TREE RETENTION (OBJECTIVE #11 IN THIS FSP)

4.4.5.1 Amount of Wildlife Tree Retention

(a) for the landscape units listed in the following table,

Landscape Unit
Nitinat
Caycuse
Walbran

the amount of **wildlife tree retention area** for a **Cutblock** will comply with the **Renfrew SRMP**; and

(b) for the purposes of section 12.5(1) of the FPPR, 7% for a **Cutblock** in any other landscape unit.

4.4.5.2 Basis of Wildlife Tree Retention

The amount of **wildlife tree retention area** specified in Paragraph 4.4.5.1 is applied:

(a) on the total of

- (i) the **net area to be reforested**; and
- (ii) the area of all **roads**.

(b) in a **Cutblock** that:

- (i) is referred to in 4.4.5.1 (a); and

- (ii) includes more than one **BEC** subzone,
on the basis of the proportion of each **BEC** subzone within the **Cutblock**, as
specified in the site plan for the **Cutblock**.

4.4.5.3 Characteristics of Wildlife Tree Retention Area

A **Holder of this FSP** will:

- (a) as of the completion of harvesting, a **Cutblock** that is subject to the table in Paragraph 4.4.5.1(a), will include, in the **wildlife tree retention area** that relates to that **Cutblock**, a representative component of the trees consistent with the **Renfrew SRMP**, or
- (b) as of the completion of harvesting, a **Cutblock** that is subject to Paragraph 4.4.5.1(b), will include in the **wildlife tree retention area** that relates to that **Cutblock**, a representative component of the trees that are comparable to that **Cutblock**, and be located within or 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**.

4.4.5.4 Restrictions on Harvesting Wildlife Tree Retention Areas Without Landscape Unit Objectives

For the purposes of section 12.5(2) of the **FPPR**, a **Holder of this FSP** will not harvest a **wildlife tree retention area** provided for under Paragraph 4.4.5.1 unless the trees on the **net area to be reforested** of the **Cutblock** to which the **wildlife tree retention area** relates have developed attributes consistent with a mature seral condition.

4.4.5.5 Other Management of Wildlife Tree Retention Areas

A **Holder of this FSP** may:

- (a) relocate a **wildlife tree retention area**, or portion thereof, retained under Paragraph 4.4.5.1 by specifying in a site plan an area, number of trees or habitat that is equivalent to the **wildlife tree retention area**, or portion thereof, that is being relocated; and
- (b) prune or top trees within a **wildlife tree retention area** that:
 - (i) was retained under Paragraph 4.4.5.1 or relocated under Paragraph 4.4.5.5(a); and
 - (ii) has a high likelihood of windthrow,to maintain the integrity of that **wildlife tree retention area**.

4.5 CULTURAL HERITAGE (FPPR s.10)

REFERENCE INFORMATION FOR OBJECTIVE RE CULTURAL HERITAGE RESOURCES				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
12	Act s.149	FPPR s.10	N/A	January 31, 2004
Summary for Objective re Cultural Heritage Resources (Objective #12 in this FSP)				
Conserve or, if necessary, protect cultural heritage resources that are the focus of traditional use and continuing importance to an aboriginal people and not regulated under the <i>Heritage Conservation Act</i> .				

RESULT OR STRATEGY FOR OBJECTIVE RE CULTURAL HERITAGE RESOURCES (OBJECTIVE #12 IN THIS FSP)

4.5.1 Definitions and Interpretation

In:

(a) Paragraphs 4.5.1 to 4.5.3:

- (i) **“First Nation CHR Information”** means written information regarding a **Potentially Affected CHR** within **FDU #1** provided to a **Holder of this FSP** by a First Nation affected by this **FSP**:
 - (A) prior to review and comment pertaining to the proposed form of this **FSP** under section 20 of the **FPPR**;
 - (B) during review and comment pertaining to the proposed form of this **FSP**, in accordance with section 21 of the **FPPR**; or
 - (C) during the **Term** of this **FSP**; and
- (ii) **“Potentially Affected CHR”** means a **cultural heritage resource** that:
 - (A) is subject to section 10 of the **FPPR**; and
 - (B) is:
 - (I) in the case of a **Treaty First Nation**, the subject of an aboriginal right of that **Treaty First Nation**, set out in the **Treaty First Nation’s Final Agreement**; or
 - (II) in the case of a First Nation other than a **Treaty First Nation**:
 - 1) not conserved or protected by other arrangements;
 - 2) capable of being addressed in the context of this **FSP**; and
 - 3) important, valuable and scarce:
 - a. based on traditional use by the First Nation; and
 - b. determined from **Government** consultation with a First Nation regarding **First Nation CHR Information** it has provided;

(b) this Part 4.5:

- (i) **“Final Agreement”** means the case of a **Maa-nulth First Nation**, the **Maa-nulth First Nations Final Agreement**.
- (ii) **“First Nation Area of Interest”** means provincial Crown land that is:
 - (A) within **FDU #1**; and
 - (B) within the **Maa-nulth First Nation Area** of that **Maa-nulth First Nation**.
- (iii) **“Monumental Cedar and Cypress Harvesting Allocation”** means, for a **Treaty First Nation**, that portion of an allocation under or pursuant to a **Monumental Cedar and Cypress** harvesting agreement entered into by that **Treaty First Nation** under the **Final Agreement** of that **Treaty First Nation** to harvest **Monumental Cedar and Cypress** that is attributable to the **First Nation Area of Interest** of that **Treaty First Nation**;
- (iv) **“Maa-nulth First Nations Final Agreement”** has the meaning given to it in the *Maa-nulth First Nations Final Agreement Act*; S.B.C. 2007, c.43;
- (v) **“Maa-nulth First Nation”** and **“Maa-nulth First Nation Area”** have the meaning given to them in the **Maa-nulth First Nations Final Agreement**; and
- (vi) **“Monumental Cedar and Cypress”** has the meaning given to it in the **Maa-nulth First Nations Final Agreement**.
- (vii) **“Treaty First Nation”** means a **Maa-nulth First Nation** as the context requires;
- (c) Paragraph 4.5.2, reference to availability to, and the historical extent of traditional use by, a First Nation means such availability and use at the level of the asserted traditional territory of that First Nation.

4.5.2 Conserving and Protecting Cultural Heritage Resources

A Holder of this FSP will:

- (a) when constructing a **road** or harvesting a **Cutblock** to which this **FSP** applies, not cause the availability of a **Potentially Affected CHR** to a First Nation be less than the historical extent of the traditional use by that First Nation or **Treaty First Nation**; and
- (b) if a previously unidentified **Potentially Affected CHR** is encountered during **road** construction or harvesting, modify to the extent necessary;
 - (i) activities to mitigate the impact the timber harvesting or **road** construction to which this **FSP** applies might have on that **Potentially Affected CHR**; and
 - (ii) the design of the **Cutblock** or **road** to conserve or protect that **Potentially Affected CHR**;

where the **Potentially Affected CHR** was determined before the date the cutting permit or **road** permit authorizing such harvesting or construction was issued.

4.5.3 Information Gathering and Sharing

A **Holder of this FSP** will, at least once each calendar year, beginning in the calendar year after this **FSP** comes into effect:

- (a) for each **Treaty First Nation** that has a **First Nation Area of Interest**; and each First Nation, other than a **Treaty First Nation**, with asserted traditional territory within **FDU #1**;
 - (i) identify the approximate location of planned **Cutblocks** and **roads**, if any, to which this **FSP** applies and not previously identified by a **Holder of this FSP**;
 - (ii) request from that First Nation information regarding any **Potentially Affected CHR** not previously provided by the First Nation to a **Holder of this FSP**; and
 - (iii) if information has been identified under subparagraph (a)(i), request a meeting with that First Nation to review that information;
- (b) provide to the **Ministry, First Nation CHR Information** not previously provided by a **Holder of this FSP** to the **Ministry**; and
- (c) request from the **Ministry**, updated information regarding any **Potentially Affected CHR** and any determination referred to in Paragraph 4.5.1(a)(ii)(B)(II)(3) that has not already been provided by the **Ministry** to a **Holder of this FSP**.

4.5.4 Cultural Cedar

A **Holder of this FSP** will:

- (a) plant or promote natural regeneration of cedar as component of future stands on areas where:
 - (i) a **Holder of this FSP** has an obligation under section 29(1) of the **Act**;
 - (ii) cedar is ecologically suited; and
 - (iii) doing so is consistent with the obligation under section 29(1); and
- (b) if requested by
 - (i) a **Treaty First Nation**, assist that **Treaty First Nation** in locating **Monumental Cedar and Cypress** in respect of its **Monumental Cedar and Cypress Harvesting Allocation**; or a First Nation, other than a **Treaty First Nation**, with asserted traditional territory within **FDU #1** that has historically utilized western red cedar or yellow cedar from that traditional territory for making paddles, masks, totems, canoes or other similar traditional use items, and to the extent of such historical use, assist that First Nation in locating cedar trees and obtaining logs suitable for such purpose.

4.6 VISUAL QUALITY

REFERENCE INFORMATION FOR OBJECTIVE RE VISUAL QUALITY				
Objective # (in this FSP)	Type of Objective	Category / Source	Decision Creating Objective	Effective Date of Objective
13 (# applies to all Objectives listed collectively)	Objective established under GAR	GAR s.7(2) For established scenic areas in South Island Forest District	Order of District Manager dated December 30, 2011	December 30, 2011
Summary for Objective re Visual Quality (Objective #13 in this FSP)				
To ensure all forest harvesting and road building is consistent with the legally established Visual Quality Objectives, as defined in Categories of visually altered forest landscape, FPPR section 1.1.				

RESULT OR STRATEGY FOR OBJECTIVE RE VISUAL QUALITY (OBJECTIVE #13 IN THIS FSP)

4.6.1 Definition

In Paragraphs 4.6.2 to 4.6.4:

- (a) “**Category of Alteration**” refers to the **visual quality objective** that is legally established by order under section 7(2) of the **GAR** approved by **Government**.
- (b) “**Significant Public Viewpoint**” means a viewpoint that is a place or location on the water or land that is accessible to the public, provides a viewing opportunity and has relevance to the landscape being assessed. The viewpoints should offer the most direct view of the alteration.

4.6.2 Cutblocks and Roads Will Be Consistent with Characteristics Applicable to Categories of Alteration

Subject to Paragraphs 4.6.3 to 4.6.4, if a **Holder of this FSP** harvests timber or constructs a **road** pursuant to this **FSP** within an area in **FDU #1** having a **Category of Alteration**, the **Cutblock** or **road** will, at the conclusion of harvesting, meet the characteristics applicable to that **Category of Alteration**.

Category of Alteration	Characteristics of Cutblock or Road
Preservation	(i) very small in scale; and (ii) not easily distinguishable from the pre-harvest landscape
Retention	(i) difficult to see; (ii) small in scale; and (iii) natural in appearance
Partial Retention	(i) easy to see; (ii) small to medium in scale; and (iii) natural and not rectilinear or geometric in shape

Modification	(i) very easy to see; and (ii) is: (A) large in scale and natural in appearance; or (B) small to medium in scale but with some angular characteristics
Maximum Modification	(i) very easy to see; and (ii) is: (A) very large in scale; (B) rectilinear and geometric in shape; or (C) both

4.6.3 Application of Characteristics

The characteristics for a **Cutblock** or **road** specified in Paragraph 4.6.2 are assessed:

- (a) from the **Significant Public Viewpoint** applicable to the **Cutblock** or **road**; and
- (b) evaluated to the perspective landform(s).

4.6.4 Exceptions Where Alternative Characteristics Permitted

The licensee may apply for an exemption under section 12(7) of the **FPPR** to construct a **road** or harvest a **Cutblock** in a manner that produces a **Category of Alteration** that is not consistent with the objective, where it is not practicable to meet that **Category of Alteration**.

5.0 STOCKING (Act s.29 AND FPPR ss.16, 26, 44 AND 45)

REFERENCE INFORMATION REGARDING STOCKING

A Holder of a Forest Stewardship Plan must, on cutblocks harvested under an FSP, establish a free growing stand in accordance with the FSP. The FSP must specify the regeneration date and stocking standards and free growing height that will apply to this obligation. If specified in an FSP, these stocking standards may apply to areas harvested before the FSP commenced.

5.1 ELECTION: STOCKING ON BASIS OF INDIVIDUAL CUTBLOCKS (FPPR ss.16(1) AND 44(1))

5.1.1 Individual Cutblock Basis

For the purposes of section 16(1) of the **FPPR**, section 44(1) of the **FPPR** will apply in all relevant situations or circumstances under this **FSP**.

5.2 GENERAL STANDARDS

5.2.1 Species

Subject to Paragraphs 5.2.6 and 5.4.3, for the purpose of meeting the obligation of a **Holder of this FSP** to establish a free growing stand on areas to which this **FSP** applies, that **Holder of this FSP** will use the species that are listed in Appendix C.1 to this **FSP**.

5.2.2 Regeneration Date (FPPR ss.16(3)(a) and 44(1)(a))

For the purposes of this **FSP**, the period referred to in the definition of **regeneration date** in the **FPPR**:

- (a) will, subject to subparagraph (b), be not more than 6 years; or
- (b) may, if an event referred to in Paragraph 7.2.1 occurs, be longer than 6 years and will conclude as soon as practicable thereafter.

5.2.3 Stocking Level (FPPR ss.16(3)(a) and (b) and 44(1)(a) and (b))

Subject to Paragraphs 5.2.6 and 5.4.3, for the purposes of this **FSP**, the stocking level for the stocking standards referred to in sections 16(3)(a) and (b) and 44(1)(a) and (b) of the **FPPR**, is as follows:

- (a) subject to subparagraph (b) and (c):
 - (i) an average for a **standards unit** of not less than 600 **Crop Trees** per hectare; and
 - (ii) a target for a **standards unit** of not more than 1000 **Crop Trees** per hectare, unless a higher target is:
 - appropriate to ensure consistency with any other provision in this **FSP**;
 - (A) consistent with maintaining or enhancing an economically valuable supply of commercial timber from British Columbia's forests;
 - (B) reasonable, having regard to the future timber supply for the area;

or

(C) the most practicable option;

(b) 50% of the amount specified in subparagraph (a)(i) in a **standard unit** where:

(i) 50% or more of the **Crop Trees** are damaged by Roosevelt Elk (“**Heavy Elk Use**”); and

(ii) all practicable options have been taken to meet the amount specified in subparagraph (a)(i), including but not limited to;

(A) fill planting browse resistant **Crop Trees**; or

(B) seedling protection;

(c) in the situations or circumstances described in Paragraphs 5.4.1 to 5.4.4, the stocking level referred to in those Paragraphs.

5.2.4 Minimum Horizontal Intertree Distance (FPPR ss.16(3)(a) and (b) and 44(1)(a) and (b))

For the purposes of this **FSP**, the minimum horizontal intertree distance for the stocking standards referred to in sections 16(3)(a) and (b) and 44(1)(a) and (b) of the **FPPR**:

(a) will, subject to subparagraph (b), be 2 meters;

(b) may, in the situations or circumstances listed, be reduced to 1.5 meters:

(i) < 20 meters from **road** centerline;

(ii) immediately adjacent to any:

(A) **stream** – riparian area;

(B) natural non-productive area;

(C) unplantable slash that has been mechanically piled;

(D) unplantable slash from helicopter operations where slash treatment is not practicable; or

(iii) on any:

(A) talus site;

(B) hygric or wetter site;

(C) very harsh site where protected microsites are critical;

(D) area where stump avoidance is necessary on a root rot site;

(E) area extensively utilized by elk, deer or other wildlife habitat or browse; or

(F) area directly adjacent to the dripline of retained trees.

5.2.5 Free Growing Height (FPPR ss.16(3)(b) and 44(1)(b))

Subject to Paragraphs 5.2.6 and 5.4.3, for the purposes of this **FSP**, the **free growing height** referred to in sections 16(3)(b) and 44(1)(b) of the **FPPR** is a height not less than the minimum specified in Appendix C.1 to this **FSP**.

5.2.6 Hardwood Species and Stocking

A **Holder of this FSP** may establish a free growing stand on a **standard unit** in

accordance with Appendix C.2 to this **FSP** provided that, by doing so, the total area that pertains to a licence referred to in Paragraph 1.1 does not exceed 4% of the total area harvested under that licence:

- (a) during the **Term**; and
- (b) to which this **FSP** applies.

5.2.7 Application to Cutblocks Where Harvesting Began Before Term Commences (Act s.197(5))

Without limiting the generality of Paragraph 1.3(a), but for greater certainty, a **Holder of this FSP** may, by notice given under that Paragraph, specify that Part 5 of this **FSP** applies to a **Cutblock** subject to section 197(5) of the **Act**, whether or not the cutting permit that pertained to the **Cutblock** expired before the Commencement of the term of the forest stewardship plan referred to in section 197(1) of the **Act**.

5.3 STOCKING STANDARD FOR AREA SUBJECT TO INTERMEDIATE CUTTINGS (FPPR ss.16(4) AND 44(4))

For the purposes of section 16(4) of the **FPPR**, a **Holder of this FSP** will:

- (a) utilize the removal of individual trees, or harvesting of **special forest products** to which this **FSP** applies, to increase the timber availability from the productive forest landbase;
- (b) limit its removal of individual trees to which this **FSP** applies:
 - (i) to a total area in each calendar year of the **Term** (or proportionately less in the first or last year of the **Term** if the **Term** commences after January 1 or ends before December 31, respectively), of less than 0.1% of the timber harvesting landbase within **FDU #1**; and
 - (ii) to areas of unstable terrain, defined by a Risk category of High or Moderate in Part 1 subparagraph (g) of Appendix B.3, or a **Category of Alteration** of Preservation or Retention; and
- (c) for each **standard unit** in which it carries out timber harvesting referred to in subparagraph (a), for a period of 12 months after completion of harvest:
 - (i) remove less than 50% of the gross basal area (m²/ha) that existed on that **standard unit** at the commencement of harvesting;
 - (ii) not reduce the gross basal area (m²/ha) of that **standard unit** to be below 40m²/ha;
 - (iii) not cause the total yield of that **standard unit** to be less than that yield had the harvesting not occurred;
 - (iv) retain at the conclusion of the harvesting not less than 50% of the basal area of each tree species that existed on the **standard unit** at the commencement of the harvesting;
 - (v) retain at the conclusion of the harvesting, tree species adhering to Appendix C.1 of the **FSP**, by **BEC** and site series;
 - (vi) retain at the conclusion of harvesting trees of form and health meeting or

exceeding the **SEDRSS** damage criteria for Layer 1 stems, using the methodology as per as per the Single Entry Dispersed Retention Stocking Standard Framework Implementation Guide produced by the Silviculture Working Group, Coast Region FRPA Implementation Team, Version 2.0, February 14, 2014.; and

(vii) create an opening size not more than 0.1 hectares.

5.4 STOCKING STANDARD FOR AREA SUBJECT TO SINGLE ENTRY DISPERSED RETENTION SILVICULTURE SYSTEM (FPPR ss.16(3)(a) and (b) and 44(1)(a) and (b))

5.4.1 Definitions

In Paragraphs 5.3 and 5.4.2 to 5.4.4, Single-Entry Dispersed Retention Stocking Standard, "**SEDRSS**", means a partial cut harvest entry where retained overstory stems contribute to a regeneration or free growing obligation specified in this **FSP**.

5.4.2 Use of SEDRSS

A **Holder of this FSP** may use **SEDRSS** in a *standards unit* in **FDU #1**:

- (a) when in an old growth western red cedar/western hemlock stand, indicated in Part 1.0 of Appendix C.3, with a site index between 18-30 meters;
- (b) where the retention of dispersed stems equals a Basal Area of 9-39m²/ha; and
- (c) that is greater than or equal to 1 hectare.

5.4.3 SEDRSS Species and Stocking Level

A **Holder of this FSP** may establish a free growing stand on a *standard unit* in accordance with Appendix C.3 to this **FSP** provided that, by doing so, the total area that pertains to a licence referred to in Paragraph 1.1 does not exceed 2% of the total area harvested under that licence:

- (a) during the Term; and
- (b) to which this FSP applies.

5.4.4 Management of SEDRSS Areas

Where a **Holder of this FSP** carries out **SEDRSS** in a *standards unit* in **FDU #1**, that **Holder of this FSP** will:

- (a) not apply alder stocking under Paragraph 5.2.6; and
- (b) apply the survey methodology as per the Single Entry Dispersed Retention Stocking Standard Framework Implementation Guide produced by the Silviculture Working Group, Coast Region FRPA Implementation Team, Version 2.0, February 14, 2014.

6.0 MEASURES FOR INVASIVE PLANTS (Act s.47 AND FPPR s.17)

REFERENCE INFORMATION REGARDING MEASURES

A Forest Stewardship Plan must specify measures to prevent the introduction and spread of invasive plants caused by the forest practices of the holder of the FSP.

6.1 DEFINITION

In Paragraphs 6.2 and 6.3, “**Site at Risk**” means a specific site within **FDU #1** where a **Holder of this FSP** during the **Term**:

- (a) does any of the following activities:
 - (i) constructs a **road** or a landing to which this **FSP** applies; or
 - (ii) maintains or reconstructs a **road** that is subject to a **road** permit and to which this **FSP** applies; and
- (b) in carrying out an activity:
 - (i) referred to in subparagraph (a)(i) or (ii):
 - (A) more than 0.25 contiguous hectare of mineral soil is distributed, and at the time of the disturbance, the specific site of disturbance contains or is within 100 meters slope distance of a specific site that contains:
 - (I) gorse;
 - (II) giant knotweed;
 - (III) Japanese knotweed; or
 - (IV) scotch broom; or
 - (B) more than 0.1 contiguous hectares of mineral soil is disturbed, and at the time of disturbance, the specific site of disturbance:
 - (I) contains or is within 500 meters slope distance of a specific site that contains:
 - 1) gorse;
 - 2) giant knotweed;
 - 3) Japanese knotweed; or
 - 4) scotch broom; and
 - (II) is within 1 kilometer of an Agricultural Land Reserve; or
 - (ii) is referred to in subparagraph (a)(iii), where the **clearing width** of the **road** contains:
 - (A) giant knotweed; or
 - (B) Japanese knotweed.

6.2 IDENTIFYING SITES AT RISK

A **Holder of this FSP** will:

- (a) train staff and contractors to recognize the invasive species that define each **Site at Risk** on an annual basis;
- (b) direct staff and contractors to report new incidences of the invasive species to

the **Ministry** Invasive Alien Plant Program Application, at a minimum, that:

- (i) define each **Site at Risk**; and
- (ii) if scotch broom;
 - (A) the incidence is 250m² of contiguous area or greater; or
 - (B) is within 500m of an ecological reserve, wildlife habitat area to protect Scouler's *Corydalis*, Agricultural Land Reserve, Provincial Park, or National Park.
- (c) gather information through the Invasive Alien Plant Program Application of the **Ministry**, to identify each **Site at Risk** pertaining to that **Holder of this FSP** where:
 - (i) an activity referred to in Paragraph 6.1(a) is planned or has occurred since the most recent identification has been undertaken under this Paragraph; and
 - (ii) the **Site at Risk** has not been previously identified under this Paragraph.

6.3 SEEDING DISTURBED AREA OF SITES AT RISK

A **Holder of this FSP** will seed the area of disturbed mineral soil referred to in Paragraph 6.1(b)(i) and (ii) at each **Site at Risk** pertaining to that **Holder of this FSP** identified under Paragraph 6.2 as follows:

- (a) the seeding will be limited to:
 - (i) those **roads** and landing surfaces that are no longer being used by industrial users to **harvest** or haul timber; and
 - (ii) those areas where grass grown from the seed will not interfere with tree growth;
- (b) the seeding will be done before the end of the first complete growing season immediately following completion of the relevant activity on that area referred to in Paragraph 6.1(a)(i) or (ii), if subparagraph (a)(i) and (ii) are not applicable; and
- (c) the seed used will be grass seed that meets or exceeds the Canada Common #1 specifications in the Seeds Act R.S.C. 1985, c. S-8.

6.4 EXPECTATIONS TO SEEDING DISTURBED AREAS

Paragraph 6.3 does not apply:

- (a) in the case of **road** or **landing** construction referred to in Paragraph 6.1(a)(i), if the **road** or landing is or was subject to **road** permit and the **road** permit is no longer in effect or the obligations under the **road** permit have been fulfilled;
- (b) in the case of **road** or landing construction referred to in Paragraph 6.1(a)(i), if the **road** or landing is or was subject to a cutting permit if the **regeneration date** pertaining to the **Cutblock**, as determined under Paragraph 5.2.2, has passed; and
- (c) in the case of harvesting referred to in Paragraph 6.1(a)(ii), if the **regeneration date** pertaining to the **Cutblock**, as determined under Paragraph 5.2.2, has passed.

6.5 MANAGEMENT OF SITES AT RISK WITHIN A CLEARING WIDTH

A **Holder of this FSP** will manage within each *clearing width* referred to in Paragraph 6.1(b)(ii) at each **Site at Risk** pertaining to that **Holder of this FSP** identified under Paragraph 6.2 as follows:

- (a) in the case of roadside vegetation management, the **Site at Risk** will not be disturbed; or
- (b) if the minimum *clearing width* necessary to accommodate the *road*, regarding the safety of industrial users, required roadside vegetation management, a treatment, such as mechanical or chemical control, will be completed at each **Site at Risk** to remove the hazard. The treatment prescribed will be based on site characteristics and site goals and objectives.

7.0 INTERPRETATION, MATTERS AFFECTING THE FSP AND NOTICE

REFERENCE INFORMATION REGARDING INTERPRETATION AND OTHER MATTERS

A Forest Stewardship Plan need not but can include an interpretation provision. This provision can include definitions of terms used in the FSP and specify how the remainder of the FSP may be affected by certain events.

7.1 INTERPRETATION

7.1.1 Definitions

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

- (a) “**Act**” means the *Forest and Range Practices Act*, S.B.C. 2002, c.69;
- (b) “**Applicable SMZ’s**” has the meaning given it in Paragraph 4.4.1.1(c);
- (c) “**BEC**” means the biogeoclimatic ecosystem classification set out in Land Management Handbook No. 28, as amended from time to time;
- (d) “**Crop Tree**” means a tree that:
 - (i) is used to meet the requirements under Paragraph 5.2.3; and
 - (ii) meets the requirements of Paragraph 5.2.4;
- (e) “**Cutblock**” means, for any particular area that has been or will be harvested under a cutting permit and to which this **FSP** applies:
 - (i) the ***net area to be reforested***;
 - (ii) the ***permanent access structures*** associated with the area harvested;
 - (iii) areas that are not harvested due to the silviculture systems applied and
 - (iv) all **Reserves** associated with the area harvested;
- (f) “**Date of Submission**” means the date this **FSP** is submitted for approval, which is **August 29, 2017**;
- (g) “**Deactivate**” means work conducted to a **road** subject to a cutting permit or a **road** permit issued under a licence referred to in Paragraph 1.1(a)(iii) that:
 - (i) removes all or some **stream** culverts and bridges;
 - (ii) replaces all or some cross-drain culverts with cross-ditches;
 - (iii) pulls back potentially unstable sidecast fill; or
 - (iv) inslopes or outslopes the **road** surface.
- (h) “**FDU**” means a forest development unit shown on the **FSP Map**.
- (i) “**FDU #1**” means the forest development unit under this **FSP** shown on the **FSP Map** as **FDU #1**
- (j) “**Forest Act**” means the *Forest Act*, R.S.B.C. 1996, c.157, as it was on the **Legislated Planning Date**;
- (k) “**FPC**” means the *Forest Practices Code of British Columbia Act* R.S.B.C 1996, c.159 and the regulations made thereunder;
- (l) “**FPPR**” means the *Forest Planning and Practices Regulation*, B.C. Reg.14/04;
- (m) “**FRPA**” means the **Act** and the regulations and standards made there under;
- (n) “**FSP**” means the Forest Stewardship Plan;
- (o) “**FSP Map**” means the maps attached as Appendix A.1 to this **FSP**;
- (p) “**GAR**” means the Government Actions Regulation, B.C. Reg. 582/04;

- (q) “**Government**” has the meaning given it in the *Interpretation Act* R.S.B.C. 1996, c.38 and, without limiting the foregoing, includes such persons employed by a ministry as the Province of British Columbia or a minister may empower or on whom the Province may impose a duty through legislation or otherwise to represent the Province or to make a decision or to take an action;
- (r) “**Holder of this FSP**” means Tsawak-qin Forestry Inc. and its successors and assigns, where this **FSP** applies in respect of Tree Farm Licence 44;
- (s) “**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 in respect of this **FSP**, then that different date;
- (t) “**Land Act**” means the *Land Act* R.S.B.C. 1996, c.245;
- (u) “**Legislation**” means **FRPA**, the **Forest Act**, the *Workers Compensation Act*, R.S.B.C 1996, c.492 and any other enactment governing the activities of a **Holder of this FSP** under the **FSP**;
- (v) “**Ministry**” means the Ministry of Forests or such other ministry of the Government as may be responsible for **FRPA** from time to time;
- (w) “**Previous FSP**” means that the portion of the forest stewardship plan that commenced on January 4, 2007 or December 4, 2017, and applied to the licences referred to in Paragraph 1.1
- (x) “**Qualified Registered Professional**” means a person who has the education and experience to carry out an activity, and is a member of, or licensed by, a regulatory body in British Columbia that has the legislated authority to regulate its members or licensees carrying out the activity.
- (y) “**Renfrew SRMP**” means the Land Use Objectives for the Renfrew Sustainable Resource Management Plan, Ministerial Order, that took effect February 1, 2012;
- (z) “**Reserves**” includes **wildlife tree retention patches**, timber leave areas and **riparian reserve zones**;
- (aa) “**RMZ**” means a resource management zone established under the **FPC**;
- (bb) “**Silviculture Instructions**” means a documented rationale completed and signed by a **Qualified Registered Professional** to describe the ecology, forest health and planting prescriptions that relate to the **net area to be reforested** of a **Cutblock**.
- (cc) “**SMZ**” means a special management zone established under the **FPC**;
- (dd) “**Term**” means the term of this **FSP** specified in Paragraph 2.1
- (ee) “**VILUP HLPO**” means the Vancouver Island Land Use Plan Higher Level Plan Order that took effect December 1, 2000;
- (ff) “**Wildlife Act**” means the *Wildlife Act* R.S.B.C. 1996, c.488.

7.1.2 Definitions from Legislation

In this **FSP**, unless this **FSP** specifies, or the context required, otherwise words and phrases defined in **FRPA** or the **Forest Act** as of the **Legislated Planning Date**, if

shown in bold italics in this **FSP**, have the same meaning as those definitions.

7.1.3 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.

7.1.4 Expressions Inclusive

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

- (a) the singular includes the plural and the plural includes the singular;
- (b) the masculine, the feminine and the neuter are interchangeable, and each includes the body corporate.

7.1.5 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;
 - (I) Section;
 - (1) Subsection,

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

7.1.6 Headings, Reference Information and Preamble

The headings, the provisions titled “Reference Information”, including the contents thereof, and the Preamble in this **FSP** are for ease of reference only and are not to be construed as part of, or to serve as an aid to interpreting, this **FSP**.

7.1.7 Appendices Part of FSP

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

7.1.8 Relevant Date for Legislation and Other References

In this **FSP**, unless this **FSP** specifies otherwise:

- (a) a reference to legislation, an established objective, a notice under section 7(2) of the **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 the **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**; and
- (b) without limiting the generality of subparagraph (a), but solely by way of illustrating examples, the references to:
 - (i) sections of the **Act** in Paragraphs 1.1, 5.2.7 and 7.2.4;
 - (ii) sections of the **FPPR** in Paragraphs 3.2, 4.1.1, 4.1.2, 4.3.1.1 to 4.3.1.8, 4.3.2.2, 4.3.3.2, 4.4.1.4, 4.4.4.1, 4.4.4.3 to 4.4.4.5, 4.4.5.4, 4.5.1, 5.1.1, 5.2.2 to 5.2.5, 5.3, 5.4, 7.2.1 to 7.2.3, Part 4.0(b) of Appendix B.2, the opening words of Appendix B.4, and Part 2.0 in Appendix C.2; and
 - (iii) the definitions of, or references to legislation in Paragraph 7.1.1, including, without limitation, “**Act**”, “**Forest Act**”, “**FPC**”, “**FPPR**”, “**FRPA**”, “**GAR**”, Invasive Plants Regulation, “**Land Act**”, “**Legislation**” and “**Wildlife Act**”,

are references to those sections, maps, notice, orders and legislation as they were on the **Legislated Planning Date**.

7.1.9 Responsibility

Except where otherwise expressly specified in this **FSP**, a result, strategy, stocking requirement or measure in this **FSP** that applies to an area that is or was within a cutting permit issued, or **road** permit granted, to a **Holder of this FSP**, applies to that **Holder of this FSP** solely and not to another **Holder of this FSP**.

7.2 MATTERS AFFECTING THE FSP

7.2.1 Forest Investment Account

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

7.2.2 Cancellation of Designation, Objective, Notice, Species or Order

If:

- (a) a designation referred to in Paragraph 3.3;
- (b) an **established objective**;
- (c) a notice under section 7 of the **FPPR** of a designation of a species identified in such a notice; or
- (d) 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 otherwise no longer in effect.

7.2.3 No Prohibition on Activities Otherwise Permitted or Required

Despite any other provision in this **FSP**, nothing in this **FSP** prevents, affects or limits a **Holder of this FSP** from or in respect of:

- (a) topping or pruning a tree that is considered not to be wind firm;
- (b) creating an anchor, tailhold or other similar aid to timber harvesting;
- (c) carrying out an activity permitted by section 4(1.1) of the **FPPR**; or
- (d) without limiting the foregoing, undertaking any other activity that is permitted or required under the **Legislation**, the licences referred to in Paragraph 1.1 or the permits referred to in Paragraphs 1.1 to 1.3

7.2.4 Protection Provided by FRPA

Except as expressly provided for under Paragraph 1.2 or 1.3, despite any other provision in this **FSP**, an area within a **FDU** is not subject to a result or strategy under Part 4, stocking standard under Part 5 or a measure under Part 6 if:

- (a) the area is subject to a cutting permit or **road** permit that, under section 19(1) of the **Act**, is not affected by approval of the **FSP**;
- (b) section 7(1), 196(1) or 196(2) of the **Act** provides that such area is considered to have received the minister's approval under section 16(1) of the **Act** and, without limiting the foregoing, but for greater certainty, no:
 - (i) result or strategy under Part 4;
 - (ii) stocking standard under Part 5; or
 - (iii) measure under Part 6,

applies to an area identified on the **FSP Map** as an area subject to section

196(1) or section 196(2) of the **Act**;

- (c) in respect of a result or strategy, section 2(2) of **GAR** provides that the objective to which it pertains does not apply to the area;
- (d) in respect of a result or strategy, the objective to which that result or strategy pertains specifies that the objective does not apply to the area; or
- (e) **FRPA** otherwise provides that the area is not subject to such component of this **FSP**.

7.2.5 Replacement of this FSP

If a **FSP** submitted for approval by a **Holder of this FSP** (herein called the “**Replacement FSP**”) specifies that this **FSP** will, in whole or in part, be replaced by the **Replacement FSP**, then, if the **Replacement FSP** is approved, this **FSP** will be replaced by the **Replacement FSP** in accordance with the replacement provisions in the **Replacement FSP**.

7.3 NOTICE

If notice is required or permitted to be given under this **FSP** by a **Holder of this FSP** to the **Ministry**, it must be in writing and be given by:

- (a) registered mail;
- (b) delivered by hand;
- (c) telecopier; or
- (d) electronic submission,

addressed as follows:

Ministry of Forests, Lands and Natural Resource Operations

West Coast Region

Suite #103, 2100 Labieux Road

Nanaimo, BC

V9T 6E9

Attention: Regional Executive Director

Telephone: (250) 751-7001

Facsimile: (250) 751-7190

E-mail: Sharon.Hadway@gov.bc.ca

8.0 CERTIFICATION OF SIGNING PROFESSIONAL

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.

Brian Marcus, RPF

Date

9.0 SIGNATURE OF PERSON REQUIRED TO PREPARE PLAN (Act s.5(3))

Tsawak-qin Forestry Limited Partnership

Per: _____
Authorized Signatory

Date

APPENDIX A: MATTERS RELATING TO MAP AND FDU'S

**APPENDIX A.1: MAPS SHOWING FOREST DEVELOPMENT UNITS AND OTHER
ITEMS**

(Paragraphs 3.1 and 3.3 of this FSP)

APPENDIX A.2: MINOR SALVAGE CUTTING PERMITS HELD BY A HOLDER OF FSP (Paragraphs 3.1 and 3.3 of this FSP)

For the purposes of Paragraph 3.3(k) of this **FSP**, the cutting permits that are:

- (a) minor salvage cutting permits;
- (b) within one of the **FDU's**; and
- (c) in effect as of the **Date of Submission**,

are:

Licence	Minor Salvage Cutting Permit Number
TFL 44	CP 983
TFL 44	CP 982
TFL 44	CP 981
TFL 44	CP 980
TFL 44	CP 979
TFL 44	CP 978
TFL 44	CP 977
TFL 44	CP 976
TFL 44	CP 975
TFL 44	CP 974

APPENDIX B: MATTERS RELATED TO RESULTS AND STRATEGIES

APPENDIX B.1: LANDSCAPE UNIT PORTIONS WITHIN FDU #1**(Paragraph 4.2.2 of this FSP)**

For the purpose of Paragraph 4.2.2 of this **FSP**, the Landscape Units referred to are as follows and relate to the portion of the Landscape Unit contained by **FDU #1**.

Table:1 West and North Vancouver Island Conservation Region Proportional **Suitable Habitat** Targets in Landscape Unit Portions

Landscape Unit Portion	Landscape Unit Aggregate	Proportional Amount			
		Suitable Habitat Target (Ha)	Suitable Habitat Minimum Threshold (Ha)	Suitable Habitat within MAMU WHA and OGMA Target (Ha)	Suitable Habitat within MAMU WHA Target (Ha)
Caycuse	Renfrew	791.1	632.9	533.9	2.1
Corrigan	Central	222.8	178.2	170.9	170.9
Effingham	Barkley Sound	31.1	24.9	50.8	27.9
Henderson	Barkley Sound	210.9	168.7	154.5	130.4
Klanawa	Barkley Sound	2630.0	2104	1577.2	1257.5
Nitinat	Renfrew	1210	968	721.1	214.8
Sarita	Barkley Sound	509.4	407.5	310.6	255.9
Walbran	Renfrew	487.8	390.24	312.8	181.4

For the purposes of Paragraph 4.2.2 of this **FSP**, the Landscape Unit Aggregates are as follows and relate to the portion of the Landscape Unit Aggregate contained by **FDU #1**.

Table 2: Proportional **Suitable Habitat** Targets in Landscape Unit Aggregates

Landscape Unit Aggregate	Proportional Aggregate Suitable Habitat Target (Ha)
Barkley Sound	3378.4
Central	222.8
Renfrew	2489.2

For the purposes of Paragraph 4.2.3 of this **FSP**, the Landscape Unit Portions of the East Vancouver Island Conservation Region are as follows and relate to the portion of the Landscape Portion contained by **FDU #1**.

Table 3: East Vancouver Island Conservation Region Landscape Unit Portions

Landscape Unit Portions
Ash
Caycuse
China
Corrigan
Great Central
Somass

APPENDIX B.2: STRATEGIES FOR FISHERIES SENSITIVE WATESHEDS**(Paragraph 4.3.2.2 of this FSP)**

For the purposes of Paragraph 4.3.2.2 of this **FSP**, where required, and effective, within the normal forest rotation, to:

- (a) conserve the natural hydrological conditions, natural **stream** bed dynamics and integrity of **stream** channels in a **Fisheries Sensitive Watershed**;
- (b) conserve the quality, quantity and timing of water flows required by fish in a **Fisheries Sensitive Watershed**; or
- (c) prevent the cumulative hydrological effects of **primary forest activities** undertaken by a **Holder of this FSP** in a **Fisheries Sensitive Watershed** from resulting in a material adverse impact on the fish habitat of the watershed,

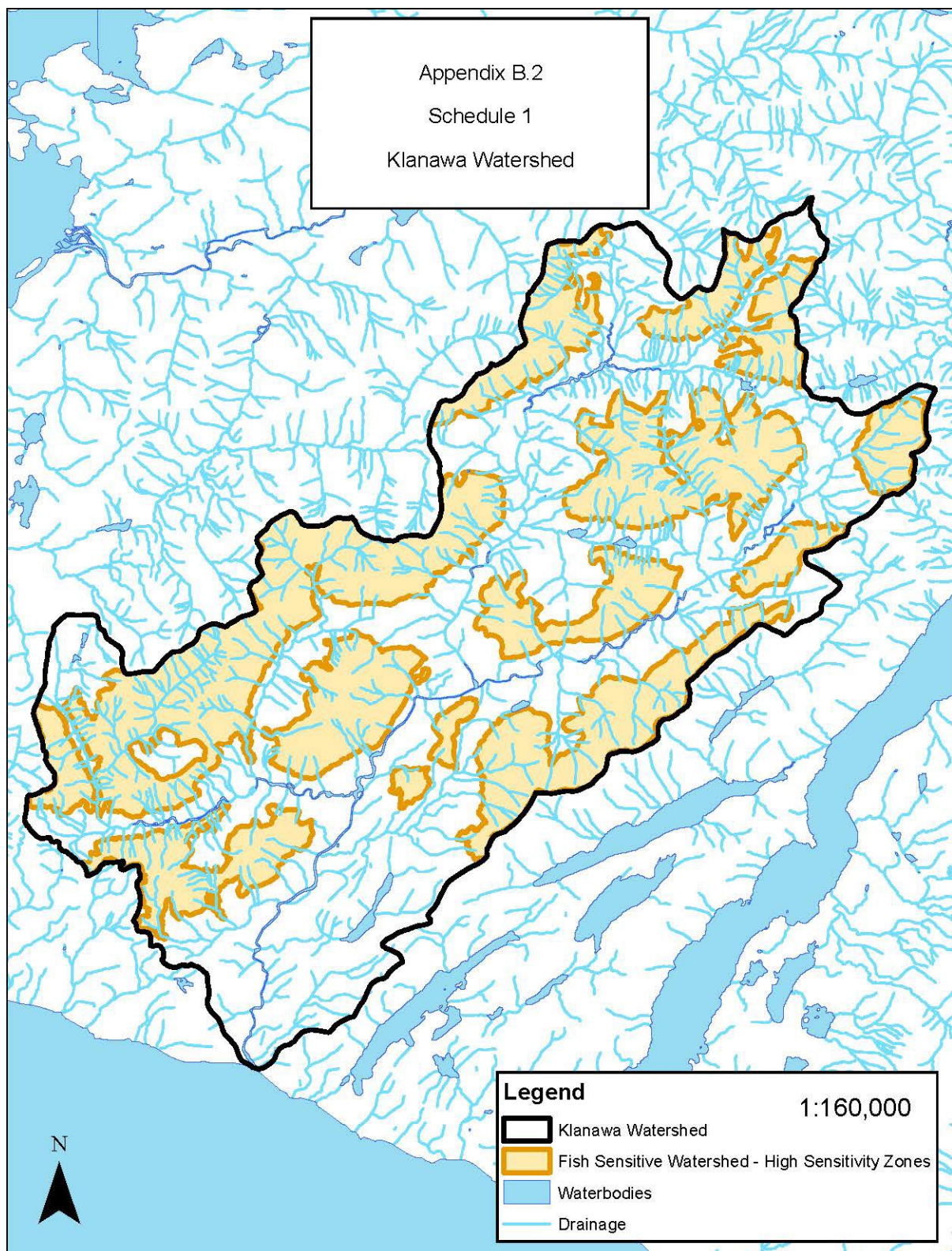
the following apply:

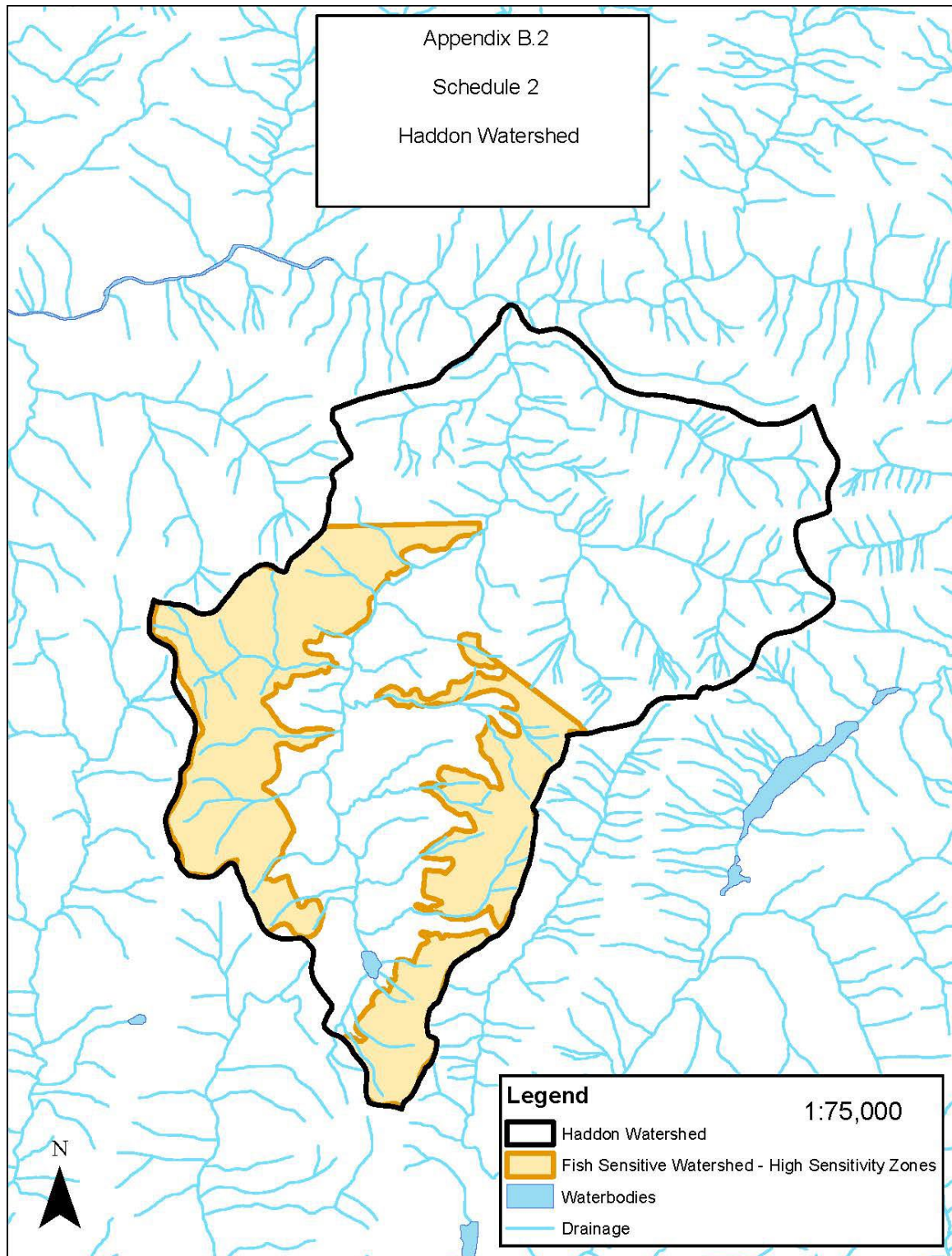
- (d) when designing new **roads** and **Cutblocks**, a hydrologic evaluation will be completed by a **Qualified Registered Professional** to assess, and where required, apply measures for:
 - (i) watershed management strategies, as indicated in the watershed level evaluation, completed in accordance with subparagraph (I);
 - (ii) terrain stability;
 - (iii) sediment transport
 - (iv) potential for increased runoff; and
 - (v) riparian buffers;
- (e) when constructing new **roads**, bridges across **stream** and culverts in **streams** will be designed to a peak flow return period of 100 years;
- (f) if harvesting timber or constructing a **road**, do so consistent with the terrain stability provisions in Appendix B.3 to this **FSP** and, without limiting the foregoing:
 - (i) in areas adjacent to small fish bearing **streams** and the upper fish bearing reaches of main **streams**, **Cutblocks** and new **road** construction will be limited to terrain with a low hazard of slides that could enter a fish-bearing **stream**;
 - (ii) when designing new **Cutblocks**, make the width of tree buffers along alluvial reaches sufficient to ensure the integrity of the buffer will not be lost to windthrow;
 - (iii) when constructing a **road** adjacent to an S3 or S4 **stream** as soon as practicable after construction is completed or, if harvesting is to commence within six months of completion of construction, then as soon as practicable after the harvesting is completed:
 - (A) ditch lines, cutslopes, borrow pits, waste areas and rehabilitated **roads** along sections of the **road** that direct drainage water into a **stream** will be grass seeded; and
 - (B) fill slopes within 30 meters of a **stream** crossing will be grass seeded;
- (g) carry out erosion control as follows, where it will materially reduce the likelihood

of erosion occurring:

- (i) grass seed soil where there is a potential for erosion to occur and cause sediment to transport to any **stream** and, in particular, the following areas:
 - (A) cutslopes, fillslopes, and ditchlines in soil materials where the connect directly or via a ditchline to any **stream**;
 - (B) all **stream** culverts at the inlet and outlet, if seeding will adequately protect against erosion, unless otherwise protected by armor; and
 - (C) ditchlines for at least 10 meters upgrade of culverts; and
- (ii) other erosion control measures, such as sediment basins, erosion blankets, and ditch checkdams will be applied where they would materially reduce the likelihood of erosion;
- (iii) when **Deactivating roads**, ditchlines and cutslopes will be grass seeded to the first waterbar or cross ditch upgrade or a waterbar or cross ditch that discharges water directly into a **stream**;
- (h) address unstable and eroding sites, with particular attention to gully crossings;
- (i) where **road** permit, and unless legislation or the **road** permit provides otherwise, **roads** with a **Strategy**, as defined in Part 3 of Appendix B.3, of 1, 2, or 3, that are not required for long term forest management and access purposes will be **Deactivated** with priority given to **roads** where slides or erosion could connect to fish habitat;
- (j) for the Klanawa River, South Island Forest District, a conventional silvicultural system, as defined in Part 2 subparagraph (b) of Appendix B.3:
 - (i) within the area marked on the map attached as Schedule 1 to this Appendix as High Sensitivity Zones, will be limited to a Strategy 4 category defined in Part 2 of Appendix B.3.
- (k) for Haddon Creek, South Island Forest District:
 - (i) within the area marked on the map attached as Schedule 2 to this Appendix as High Sensitivity Zones, will be limited to a 25% Equivalent Clearcut Area; and
 - (ii) a **Holder of this FSP** will make available, to any other **FSP** Holders within the watershed, information in regard to proposed and harvested **roads** and **Cutblocks**.
- (l) a **Qualified Registered Professional** will complete a watershed level evaluation that will produce similar results as those intended by the EGBC/ABC FP Joint Professional Practice Guidelines, Watershed Assessment and Management of Hydrologic and Geomorphic Risk in the Forest Industry, v.1.0 (2020) within **Fisheries Sensitive Watersheds** that includes:
 - (i) watershed factors;
 - (ii) identification of sensitive areas;
 - (iii) key management concerns;
 - (iv) watershed management strategies; and
 - (v) timing of **stream** flow;

which is updated and monitored as recommended within the watershed level evaluation; but no longer than a 10-year interval commencing on the date the evaluation is finalized.

APPENDIX B.2: SCHEDULE 1 - MAP SHOWING HIGH SENSITIVITY ZONES OF THE KLANAWA RIVER FISHERIES SENSITIVE WATESHED**(Paragraph (j)(i) of Appendix B.2)**

APPENDIX B.2: SCHEDULE 2 - MAP SHOWING HIGH SENSITIVITY ZONES OF THE HADDON CREEK FISHERIES SENSITIVE WATESHED**(Paragraph (k)(i) of Appendix B.2)**

APPENDIX B.3: TERRAIN STABILITY IN FISHERIES SENSITIVE AND COMMUNITY WATERSHEDS

(Paragraphs 4.3.2.2 and 4.3.3.2 of this FSP)

1.0 Interpretation

In this Appendix:

- (a) **“Protected Water”** means a body of water that is:
 - (i) fish-bearing and subject to the result or strategy in Paragraph 4.3.2 of this **FSP**; or
 - (ii) subject to Paragraph 4.3.3 of this **FSP** and:
 - (A) classified S1 or S2; or
 - (B) classified S3 or S4 and joins the **stream** diverted for human consumption < 1000meters upstream from the point of diversion;
- (b) **“Landslide”** means mass movement of 500m² (0.05ha) or larger;
- (c) **“Debris”** mean coarse sediment (gravel size and larger) and coarse wood;
- (d) **“Terrain Unit”** means a unit of area that contains the same Potential for Landslide Occurrence;
- (e) the following categories of potential for landslide occurrence apply:

Potential for Landslide Occurrence	Post Harvest Landslide Frequency*
High	>=5 Landslides per 100ha harvested
Moderate	3-<5 Landslides per 100ha harvested
Low	1-<3 Landslides per 100ha harvested
Very Low	<1 Landslides per 100ha harvested

*Landslide frequency is the number of landslides anticipated in the 15-year period following harvesting.

where **Potential for Landslide Occurrence** is and an estimate by a **Qualified Registered Professional** of the number of **Landslides** that may occur in a specific **Terrain Unit** within a **Cutblock**, or in the area adjacent to a **Cutblock**, if significant area of that **Terrain Unit** were harvested.

- (f) the following categories of sediment delivery potential apply:

Sediment Delivery Potential	Definitions
High	Landslide would directly enter a Protected Water or enter a body of water that is connected to Protected Water at a point that is within 500metres of a Protected Water .
Moderately High	Some Landslide Debris may enter a Protected Water . High potential to transport to a Protected Water within first seasonal peak flow.

Moderate	Most Landslide Debris at time of event would deposit at breaks in gradient or slope breaks; fine sediment may reach Protected Water . Debris would transport to Protected Water over time via normal fluvial processes.
Low-Moderate	Some suspended sediment or small wood may reach Protected Water . Debris would be stored in low gradient reaches, on fans, or on gentle slope areas.
Low	Landslide Debris is unlikely to reach Protected Water at time of event, or to transport to Protected Water .

(g) the following categories of risk apply (where Risk = **Potential for Landslide Occurrence** x **Sediment Delivery Potential**):

Potential for Landslide Occurrence	Sediment Delivery Potential				
	High	Moderately High	Moderate	Low-Moderate	Low
High	High	High	Moderate	Low	Low
Moderate	High	Moderate	Low	Low	Very Low
Low	Low	Low	Very Low	Very Low	Very Low
Very Low	Very Low	Very Low	Very Low	Very Low	Very Low

2.0 Timber Harvesting Management Strategies

Subject to Part 4.0 of this Appendix, for the purposes of Appendix B.2 to this **FSP**, where it refers to this Appendix, and Paragraphs 4.3.2.2 and 4.3.3.1 of this **FSP**, the following are the strategies for timber harvesting management:

Potential for Landslide Occurrence	Sediment Delivery Potential				
	High	Moderately High	Moderate	Low-Moderate	Low
High	Strategy 1	Strategy 1	Strategy 2	Strategy 2	Strategy 4
Moderate	Strategy 1	Strategy 2	Strategy 2	Strategy 4	Strategy 4
Low	Strategy 3	Strategy 3	Strategy 3	Strategy 4	Strategy 4
Very Low	Strategy 3	Strategy 3	Strategy 3	Strategy 4	Strategy 4

where:

(a) the strategies are:

- (i) “**Strategy 1 and 2**” means limit to a **non-conventional silviculture system**;
- (ii) “**Strategy 3**” means:

(A) if there is potential material adverse effect on a **Protected Water** that is a geomorphically sensitive alluvial channel with:

- (I) high-value spawning or rearing habitat;
- (II) in **stream** restoration structures; or
- (III) similar features,

for the fish for which the **Fisheries Sensitive Watershed** was established, the strategy will be to apply **non-conventional silvicultural system** that mitigates the likelihood of a **Landslide** occurring; and

(B) in areas to which clause (i) does not apply, applying a **conventional silviculture system**;

(iii) “**Strategy 4**” means **conventional silvicultural system**.

(b) “**conventional silvicultural system**” means clearcut systems and variable retention systems.

(c) “**non-conventional silvicultural system**” means single tree selection, small patches or variable retention systems that do not remove more than 5% to 30% by basal area; patch size 0.1 hectares to 0.3 hectares.

3.0 Road Construction Strategies

Subject to Part 4.0 of this Appendix, for the purposes of Appendix B.2 to this **FSP**, where it refers to this Appendix, and Paragraphs 4.3.2.2 of this **FSP**, the following are strategies for **road** construction:

Potential for Landslide Occurrence	SEDIMENT DELIVERY POTENTIAL				
	High	Moderately High	Moderate	Low-Moderate	Low
High	Strategy 1	Strategy 1	Strategy 2	Strategy 2	Strategy 2
Moderate	Strategy 1	Strategy 3	Strategy 3	Strategy 4	Strategy 4
Low	Strategy 4	Strategy 4	Strategy 4	Strategy 4	Strategy 4
Very Low	Strategy 4	Strategy 4	Strategy 4	Strategy 4	Strategy 4

where:

(a) the strategies are:

- (i) “**Strategy 1 and 2**” means use **non-conventional construction methods** but, if **non-conventional construction methods** do not prevent cutslope or fillslope instability, then do not build the **road**;
- (ii) “**Strategy 3**” means use **conventional construction methods** but, if **conventional construction methods** do not prevent cutslope or fillslope instability use **non-conventional construction methods**; and
- (iii) “**Strategy 4**” means use **conventional construction methods**;

- (b) “**conventional construction methods**” means cut and fill construction; and
- (c) “**non-conventional construction methods**” means end-haul or partial end-haul construction techniques.

4.0 Application of Strategies in this Appendix

The strategies in this Appendix apply:

- (a) in a **Fisheries Sensitive Watershed**, within the normal forest rotation, to:
 - (i) conserve the natural hydrological conditions, natural **stream** bed dynamics and integrity of **stream** channels in that **Fisheries Sensitive Watershed**;
 - (ii) conserve the quality, quantity and timing of water flows required by fish in that **Fisheries Sensitive Watershed**; or
 - (iii) to prevent cumulative hydrological effects of **primary forest activities** undertaken by a **Holder of this FSP** from resulting in a material adverse impact on the fish habitat in that **Fisheries Sensitive Watershed**; and
- (b) in a **Community Watershed** where water is being diverted for human consumption through a licensed waterworks, to prevent the cumulative hydrological effects of **primary forest activities** undertaken by a **Holder of this FSP** from resulting in the effects described in Sections 8.2(2)(a) and (b) of the **FPPR**.

APPENDIX B.4: STRATEGIES FOR SEDIMENT CONTROL IN COMMUNITY WATERSHEDS

(Paragraphs 4.3.3.2 of this FSP)

For the purposes of Paragraph 4.3.3.2 of this **FSP**, where required, and effective, to prevent the cumulative hydrological effect of **primary forest activities** of a **Holder of this FSP** in a **Community Watershed** where water is being diverted for human consumption through a licensed waterworks from resulting in the effects described in Section 8.2(2)(a) and (b) of the **FPPR** the following apply:

1.0 Cutblock Design

When designing new **roads** and **Cutblocks**, a hydrological evaluation will be completed by a **Qualified Registered Professional** to assess, and where required, apply measures for:

- (a) watershed management strategies, as indicated in the watershed level evaluation, completed in accordance with Part 8;
- (b) terrain stability;
- (c) sediment transport;
- (d) potential for increased runoff; and
- (e) riparian buffers;

2.0 Ditch Cleaning

Ditches are to be cleaned when conditions are dry. Ditch spoil will not be windrowed along the **road** shoulder. On moderate slopes, the ditch spoil may be thinly spread on the slope below the **road**, but not heaped or piled against trees. Where the **road** is on steep slopes, the ditch spoil will be end-hauled to a suitable spoil site.

3.0 Culvert Replacement

Culvert replacements will be done during dry weather (except for emergency repairs or replacements). The inlet and outlet areas on new culverts, and the adjacent fill slopes, will be armored to prevent erosion or sloughing into the creek.

4.0 Rock Ballasting of Road Surface

For new **road** construction, where the **road** is 30 meters or less to the **stream** channel the **road** surface is to be ballasted with clean rock. The **road** surface is also to be on rock ballasted for 30 meters either side of **stream** culverts.

5.0 Road Grading Practices

Grading will not occur during periods of rainfall of greater than 5mm per hour.

6.0 Shutdown or Harvest Completion

In Preparation for a shutdown for a period longer than 30 days or at harvest completion, the following measures will be taken:

- (a) No excavating or end-hauled material will be left piled in such a way as to become unstable during the shutdown period. Spoil sites, piles and fills will be

sloped uniformly to prevent instability.

- (b) Ditches and culverts will be left clear and functional, with adequate inlet basins.
- (c) On sections of steep grades, cross ditches and back-up swales will be constructed where needed.
- (d) If **road** construction has reached a drainage course but a drainage structure has not been installed prior to shut down, the drainage course will be left open and unimpeded.
- (e) Where exposed silty soils could erode and enter surface **streams** or ditches connected to **streams**, silt fences, hay bales or erosion blankets will be applied as needed for temporary protection.

7.0 Deactivation

Where under **road** permit, and unless legislation or the **road** permit provides otherwise, **roads** that are not required for long term forest management and access purposes will be **Deactivated**.

8.0 Watershed Level Evaluation

A **Qualified Registered Professional** will complete a watershed level evaluation, that will produce similar results as those intended by the Coastal Watershed Assessment Procedure Guidebook Version 2.1 (April 1999), within **Community Watersheds** that includes:

- (a) watershed factors;
- (b) identification of sensitive areas;
- (c) key management concerns;
- (d) management strategies; and
- (e) timing of **stream** flow;

which is updated and monitored as recommended within the watershed level evaluation; but no longer than a 10-year interval commencing on the date the evaluation is finalized.

9.0 Communication

When designing new **roads** and **Cutblocks** in a **Community Watershed** that is shared by another Licence under the **Forest Act**, a **Holder of this FSP** will share information regarding the proposed **roads** and **Cutblocks**.

APPENDIX B.5: BIODIVERSITY

This appendix contains the following appendices:

- (a) **APPENDIX B.5.1:** Adjustments to areas not to be harvested under this **FSP** pertaining to **VILUP HLPO**; and
- (b) **APPENDIX B.5.2:** Adjustments to areas not to be harvested under this FSP pertaining to **NSOG**.

APPENDIX B.5.1: ADJUSTMENTS TO AREAS NOT TO BE HARVESTED UNDER THIS FSP PERTAINING TO VILUP HLPO

(Paragraphs 4.4.1.3 (a), 4.4.1.6 (b) of this FSP)

1.0 Pertaining to VILUP HLPO Objective 1(a) regarding sustaining ecosystem structure ecosystem structure and function

For the purposes of Paragraph 4.4.1.3(a) of this **FSP**, the revised amount for an **Applicable SMZ** will be calculated as follows:

$$A = (TM \times PA) + AA$$

where:

A = the revised amount of **Mature** productive seral forest in the **Applicable SMZ** to which **VILUP HLPO** Objective 1(a) applies that is not to be harvested under this **FSP**;

TM = Target for **Mature** seral forest in the **Applicable SMZ** to which **VILUP HLPO** Objective 1(a) applies;

PA = Productive Area of **FDU #1** within the **Applicable SMZ**;

PS = $TM \times PA$;

AF = the area of **Mature** productive seral forest within that portion of **FDU #1** in the **Applicable SMZ**

R = the amount, by area, if any, by which $AF > PS$; and

AA = 0, if $AF > PS$;
otherwise, R.

2.0 Pertaining to VILUP HLPO Objective 11

For the purposes of Paragraph 4.4.1.6(b) of this **FSP**, the revised amount for **RMZ 42** will be calculated as follows:

$$A = (TO \times PA) + AA$$

where:

A = the revised amount of **Old Seral** forest in **RMZ 42** to which **VILUP HLPO** Objective 11 applies that is not to be harvested under this **FSP**;

TO = Target for **Old Seral** forest in **RMZ 42** to which **VILUP HLPO** Objective 11 applies

PA = Productive Area of **FDU #1** within the **RMZ**

PS = $TO \times PA$

AF = the area of **Old Seral** forest within that portion of **FDU #1** in the **RMZ**

R = the amount, by area, if any, by
which $AF > PS$ $AA = 0$, if $AF > PS$;
otherwise, R

APPENDIX B.5.2: ADJUSTMENT TO AREAS NOT TO BE HARVESTED UNDER THIS FSP PERTAINING TO NSOG

(Paragraphs 4.4.3.2, 4.4.3.3(a) and 4.4.3.3(b) of this FSP)

1.0 Applicable to the Result or Strategy for Objective #8 in this FSP, Pertaining to the Non-Spatial Old Growth Objective

For the purposes of Paragraph 4.4.3.2 of this **FSP**, and unless and until revised in accordance with Part 3.0 of this Appendix, the area not to be harvested is set out in Column 5 of the following table:

Landscape Unit	2 NDT Type	3 BEC	4 BEO	5 Area Not to be Harvested(ha)
Ash	2	CWH mm 1	Intermediate	0
Ash	2	CWH mm 2	Intermediate	0
Ash	2	CWH xm 2	Intermediate	7
Ash	1	MH mm 1	Intermediate	0
China	2	CWH mm2	Intermediate	29
China	2	CWH xm 2	Intermediate	9
China	1	MH mm 1	Intermediate	1
Corrigan	2	CWH mm 2	Intermediate	29
Corrigan	1	CWH vm 2	Intermediate	307
Corrigan	2	CWH xm 2	Intermediate	339
Corrigan	1	MH mm 1	Intermediate	66
Effingham	1	CWH vm 1	Intermediate	168
Effingham	1	CWH vm 2	Intermediate	42
Effingham	1	MH mm 1	Intermediate	0
Great Central	2	CWH mm 1	Intermediate	0
Great Central	2	CWH mm 2	Intermediate	0
Great Central	2	CWH xm 2	Intermediate	808
Great Central	2	MH mm 1	Intermediate	0
Henderson	1	CWH vm1	Low	1010
Henderson	1	CWH vm2	Low	365
Henderson	1	MH mm1	Low	34
Klanawa	1	CWH vh 1	Intermediate	605
Klanawa	1	CWH vm 1	Intermediate	2018
Klanawa	1	CWH vm 2	Intermediate	299
Sarita	1	CWH vh 1	Low	0
Sarita	1	CWH vm 1	Low	1391
Sarita	1	CWH vm 2	Low	272
Sarita	1	MH mm 1	Low	0
Somass	2	CWH xm 2	Low	0

2.0 Applicable to the Result or Strategy for Objective #8 in this FSP, Pertaining to the Non-Spatial Old Growth Objective

For the purposes of Paragraph 4.4.3.3(a) of this **FSP**:

IA = the total amount, by area, of old forest required under the **Objective** referred to in Paragraph 4.4.3.1 of this **FSP** in the BEO for the **BEC** of the landscape unit within **FDU #1**;

P = the percentage of the old forest specified for retention in the **Objective** for the **BEC** of the landscape unit.

3.0 Applicable to the Result or Strategy for Objective #8 in this FSP, Pertaining to the Non-Spatial Old Growth Objective

For the purposes of Paragraph 4.4.3.3(b) of this **FSP**, the revised amount for a BEO within a **BEC** of a landscape unit will be:

$$A = (PS + AA)$$

where:

A = the revised amount, by area, of old forest for the BEO for the **BEC** of the landscape unit that will not be harvested under this **FSP**;

IA = the total amount, by area, of old forest required under the **Objective** referred to in Paragraph 4.4.3.1 of this **FSP** for the BEO for the **BEC** of the landscape unit within **FDU #1**.

PR = the total amount, by area, of old forest for the BEO for the **BEC** of the landscape unit that is within the protected areas

PA = Productive Forest Area of **FDU #1** within the BEO for the **BEC** of the landscape unit

PS = 0, if $IA < PR$; or
otherwise:

$$(IA - PR)$$

AF = the area of old forest within that portion of **FDU #1** in the BEO for the **BEC** of the landscape unit

R = the amount, by area, if any, by which $AF > PS$

AA = 0, if $AF > PS$; or
otherwise:
 $(AF - PS)$

APPENDIX C: MATTERS RELATED TO STOCKING

APPENDIX C.1 : SPECIES AND FREE GROWING HEIGHT**(Paragraphs 5.2.1 (a) and 5.2.5 of this FSP)**

For the purposes of Paragraph 5.2.1 (a) and 5.2.5 of this **FSP**, the species and height referred to in those provisions by **BEC** and site series are as follows:

BEC	Site Series	Species ^{1,2,3,4,5,6,7} /Minimum Free Growing Height (m)							
CWH mm1	01	Ba/0.7	Cw/1.5	Fd/3.0	Hw/2.0	Yc/1.5			
	02	Cw/1.0	Fd/2.0	Pl/1.2					
	03	Cw/1.0	Fd/2.0	Hw/1.7	Yc/2.0				
	04	Cw/1.0	Fd/2.0	Hw/1.7	Pw/2.5	Yc/2.0			
	05	Ba/0.7	Bp/2.0	Cw/1.5	Fd/3.0	Hw/2.0	Pw/2.5		
	06	Ba/0.7	Cw/1.5	Fd/3.0	Hw/2.0	Yc/1.5			
	07	Ba/1.0	Bp/2.0	Cw/1.5	Fd/4.0	Hw/2.5	Yc/1.5		
	08	Ba/1.0	Cw/2.0	Ss/4.0	Yc/2.0				
	09	Ba/1.0	Cw/2.0	Ss/4.0					
	11	Cw/1.0	Hw/1.5	Pl/1.2	Yc/1.0				
	12	Cw/1.0	Hw/1.5	Ss/2.0	Yc/1.0				
CWH mm2	01	Ba/0.7	Bp/1.0	Cw/1.0	Fd/2.2	Hm/1.0	Hw/1.2	Yc/1.0	
	02	Cw/0.7	Fd/1.5	Pl/1.2	Yc/0.7				
	03	Cw/0.7	Fd/1.5	Hm/0.7	Hw/1.0	Yc/0.7			
	04	Cw/0.7	Fd/1.5	Hw/1.0	Pw/2.5	Yc/0.7			
	05	Ba/0.7	Bp/1.0	Cw/1.0	Fd/2.2	Hm/1.0	Hw/1.2	Pw/2.5	
	06	Ba/0.7	Cw/1.0	Fd/2.2	Hm/1.2	Hw/1.2	Yc/1.0		
	07	Ba/0.7	Cw/0.7	Fd/1.5	Hm/0.7	Hw/1.0	Yc/0.7		
	08	Ba/1.0	Bp/1.0	Cw/1.2	Fd/3.0	Hm/1.2	Hw/1.7	Yc/1.2	
	09	Cw/0.7	Fd/1.5	Pl/1.2	Yc/0.7				
	10	Cw/0.7	Hm/0.7	Hw/1.0	Pw/2.5	Yc/0.7			
CWH vh1	01	Ba/1.7	Cw/1.5	Fd/2.0	Hw/2.0	Pl/1.5	Ss/3.0	Yc/1.5	
	02	Cw/1.0	Hw/1.2	Pl/1.2	Yc/1.0				
	03	Cw/1.0	Fd/1.2	Hw/1.2	Pl/1.2	Yc/1.0			
	04	Ba/2.2	Cw/2.0	Fd/1.7	Hw/1.7	Ss/4.0			
	05	Ba/2.2	Cw/2.0	Fd/1.7	Hw/1.7	Ss/4.0	Yc/2.0		
	06	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0	Yc/2.0			
	07	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0				
	08	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0				
	09	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0				
	11	Ba/1.2	Cw/1.0	Hw/1.2	Pl/1.2	Yc/1.0			
	12	Cw/1.0	Hw/1.2	Pl/1.2	Yc/1.0				
	13	Cw/1.0	Hw/1.2	Pl/1.2	Ss/2.0	Yc/1.0			
	14	Cw/1.0	Hw/1.2	Pl/1.2	Ss/2.0				
	15	Cw/1.5	Hw/2.0	Ss/3.0					
	16	Cw/1.5	Hw/2.0	Pl/1.5	Ss/3.0				
	17	Cw/1.0	Hw/1.2	Ss/2.0					
	18	Cw/1.0	Hw/1.2	Ss/2.0					
CWH vm1	01	Ba/1.7	Cw/1.5	Fd/3.0	Hw/3.0	Ss/3.0	Yc/1.5		
	01s	Ba/1.7	Cw/1.5	Fd/3.0	Hw/3.0	Ss/3.0	Yc/1.5		
	02	Cw/1.0	Fd/2.0	Hw/2.0	Pl/1.2	Yc/1.0			
	03	Ba/1.2	Cw/1.0	Fd/2.0	Hw/2.0	Pl/1.2	Yc/1.0		
	04	Ba/1.7	Cw/1.5	Fd/1.7	Hw/3.0	Ss/3.0	Yc/1.5		

	05	Ba/1.7	Cw/1.5	Fd/3.0	Hw/3.0	Ss/3.0	Yc/1.5		
	06	Ba/1.7	Cw/1.5	Fd/3.0	Hm/1.5	Hw/3.0	Ss/3.0	Yc/1.5	
	06s	Ba/1.7	Cw/1.5	Fd/3.0	Hw/3.0	Yc/1.5			
	07	Ba/2.2	Cw/2.0	Fd/4.0	Hw/4.0	Ss/4.0	Yc/2.0		
	08	Ba/2.2	Cw/2.0	Fd/4.0	Hw/4.0	Ss/4.0	Yc/2.0		
	09	Ba/2.2	Cw/2.0	Fd/3.0	Hw/4.0	Ss/4.0	Yc/2.0		
	10	Ba/2.2	Cw/2.0	Fd/3.0	Hw/4.0	Ss/4.0	Yc/2.0		
	12	Cw/0.7	Fd/2.0	Hw/1.0	Pl/1.2	Yc/0.7	Hm/0.7		
	13	Cw/1.0	Fd/2.0	Hw/2.0	Pl/1.2	Yc/1.0	Hm/1.0		
	14	Ba/1.7	Cw/1.5	Fd/3.0	Hw/3.0	Pl/2.0	Ss/3.0	Yc/1.5	Hm/1.5
CWH vm2	01	Ba/1.7	Cw/1.5	Fd/2.2	Hm/1.0	Hw/2.5	Ss/3.0	Yc/1.5	Bp/2.2
	02	Cw/1.0	Fd/1.5	Hm/0.7	Hw/1.7	Pl/1.2	Yc/1.0		
	03	Ba/1.5	Cw/1.0	Fd/1.5	Hm/0.7	Hw/1.7	Pw/2.5	Yc/1.0	
	04	Ba/1.5	Cw/1.0	Fd/1.5	Hm/0.7	Hw/1.7	Pw/2.5	Ss/2.0	Yc/1.0
	05	Ba/1.7	Cw/1.5	Fd/2.2	Hm/1.0	Hw/2.5	Ss/3.0	Yc/1.5	Bp/2.2
	06	Ba/1.7	Cw/1.5	Fd/2.2	Hm/1.0	Hw/2.5	Ss/3.0	Yc/1.5	Bp/2.2
	07	Ba/2.2	Cw/2.0	Fd/3.0	Hm/1.0	Hw/3.5	Ss/4.0	Yc/2.0	Bp/3.0
	08	Ba/2.2	Cw/2.0	Hm/1.0	Hw/3.5	Ss/4.0	Yc/2.0	Fd/3.0	
	09	Ba/1.5	Cw/1.0	Fd/1.5	Hm/0.7	Hw/1.7	Pl/1.2	Ss/2.0	Yc/1.0
	10	Ba/1.5	Cw/1.0	Fd/1.5	Hm/0.7	Hw/1.7	Pl/1.2	Yc/1.0	
	11	Ba/1.5	Cw/1.0	Fd/1.5	Hm/0.7	Hw/1.7	Ss/2.0	Yc/1.0	
CWH xm	01	Cw/1.5	Dr/4.0	Fd/3.0	Hw/2.0	Pw/2.5			
	02	Fd/2.0	Pl/1.2						
	03	Cw/1.0	Fd/2.0	Hw/1.2	Pl/1.2	Pw/2.5			
	04	Cw/1.5	Dr/4.0	Fd/3.0	Hw/2.0	Pw/2.5			
	05	Cw/2.0	Dr/4.0	Fd/4.0	Hw/1.7	Pw/2.5			
	06	Cw/1.5	Fd/3.0	Hw/2.0					
	07	Bg/3.5	Cw/2.0	Dr/4.0	Fd/4.0	Hw/1.7			
	08	Bg/3.5	Cw/2.0	Fd/4.0	Ss/4.0				
	09	Bg/3.5	Cw/2.0	Ss/4.0					
	11	Cw/1.0	Pl/1.2						
	12	Cw/1.0	Hw/1.5	Pw/2.5	Ss/1.5				
	13	Bg/3.5	Cw/2.0	Fd/4.0					
	14	Bg/3.5	Cw/2.0						
	15	Cw/2.0							
MH mm1	01	Ba/0.6	Bp/1.0	Hm/1.0	Hw/1.0	Se/1.0	Yc/1.0		
	02	Ba/0.6	Hm/0.7	Se/0.7	Yc/0.7				
	03	Ba/0.6	Bp/1.0	Hm/1.0	Hw/1.0	Yc/1.0			
	04	Ba/0.6	Hm/1.0	Hw/1.0	Yc/1.0				
	05	Ba/0.6	Hm/1.0	Hw/1.0	Yc/1.0	Bp/1.0			
	06	Ba/0.6	Hm/0.7	Yc/0.7	Hw/0.7				
	07	Ba/0.6	Hm/0.7	Yc/0.7	Hw/0.7				
	08	Hm/0.7	Yc/0.7	Hw/0.7					
	09	Hm/0.7	Yc/0.7	Hw/0.7	Ba/0.6				

1. Where alder (Dr) is listed in the foregoing table:
 - a. the alder will, subject to subparagraph (b), comprise not more than 5% of the **Crop Trees** per hectare for a **standard unit**; and
 - b. if an area within a **standard unit** contains root rot:
 - i. the alder may comprise up to 100% of the **Crop Trees** per hectare for

- that area; and
 - ii. the 5% limit under subparagraph (a) for the **standard unit** will be adjusted upward to reflect the 100% permitted under clause (i) and the weighted proportion of the area referred to in clause (i) relative to the total area of the **standard unit**.
2. Within the CWH xm, where western hemlock (Hw) is listed in the foregoing table:
 - a. the western hemlock will, subject to subparagraph (b), comprise not more than 10% of the **Crop Trees** per hectare planted within the **standard unit**; and
 - b. if a **standard unit** contains more than 50% site series 06, of the western hemlock may comprise up to 50% of the **Crop Trees** per hectare planted within the **standard unit**.
 3. Where noble fir (Bp) is listed in the foregoing table; the noble fir will be limited to a medium, or better, soil nutrient regime.
 4. Where western white pine (Pw) is listed in the foregoing table:
 - a. the western white pine will, subject to subparagraph (b), comprise not more than 20% of the **Crop Trees** per hectare planted within the **standard unit**;
 - b. the western white pine planted will be from a class "A" seed source; and
 - c. if an area within a **standard unit** contains root rot:
 - i. the western white pine may comprise up to 50% of the **Crop Trees** per hectare for that area; and
 - ii. the 20% limit under subparagraph (a) for the **standard unit** will be adjusted upward to reflect the 50% permitted under clause (i) and the weighted proportion of the area referred to in clause (i) relative to the total area of the **standard unit**.
 5. Where sitka spruce (Ss) is listed in the foregoing table:
 - a. the sitka spruce planted will be from a class "A" seed source; and
 - b. the sitka spruce will comprise not more than 50% of the **Crop Trees** per hectare planted within the **standard unit**.
 6. Where Douglas-fir (Fd) is listed in the foregoing table, the Douglas-fir will be planted only where harvesting of the **standard unit** removes at least 80% of the basal area that existed on the **standard unit** immediately prior to harvest.
 7. For the purpose of selecting species to be planted from the foregoing table, a **Holder of this FSP**, will document within the **Silviculture Instructions**, species by **BEC** and site series that:
 - a. are ecologically suitable;
 - b. are consistent with the timber supply analysis and forest management assumptions that apply to this **FSP** that pertain to the **standard units** as of the **Legislative Planning Date**;
 - c. address immediate and long-term forest health issues for the area within **FDU #1**; and
 - d. are consistent with maintaining or enhancing an economically valuable supply of commercial timber.

APPENDIX C.2 : HARDWOOD STOCKING**(Paragraph 5.2.6 of this FSP)****1.0 Sites On Which Hardwood Management May Be Used**

For the purposes of Paragraphs 5.2.6 of this **FSP**, a **Holder of this FSP** may use the following species on the following sites:

BEC	Site Series	Species^{1,2/} Minimum Free Growing Height (m)								
CWHmm1	01	Ba/0.7	Bp/2.0	Cw/1.5	Dr/4.0	Fd/3.0	Hw/2.0	Yc/1.5		
	05	Ba/0.7	Bp/2.0	Cw/1.5	Dr/4.0	Fd/3.0	Hw/2.0	Pw/2.5		
	06	Ba/0.7	Cw/1.5	Dr/4.0	Fd/3.0	Hw/2.0	Yc/1.5			
	07	Ba/1.0	Bp/2.0	Cw/1.5	Dr/4.0	Fd/4.0	Hw/2.5	Yc/1.5		
	08	Ba/1.0	Cw/2.0	Dr/4.0	Ss/4.0	Yc/2.0				
	09	Ba/1.0	Cw/2.0	Dr/4.0	Ss/4.0					
CWHvh1	04	Ba/2.2	Cw/2.0	Dr/4.0	Fd/1.7	Hw/1.7	Ss/4.0			
	05	Ba/2.2	Cw/2.0	Dr/4.0	Fd/1.7	Hw/1.7	Ss/4.0	Yc/2.0		
	06	Ba/2.2	Cw/2.0	Dr/4.0	Hw/1.7	Ss/4.0	Yc/2.0			
	07	Ba/2.2	Cw/2.0	Dr/4.0	Hw/1.7	Ss/4.0				
	08	Ba/2.2	Cw/2.0	Dr/4.0	Hw/1.7	Ss/4.0				
CWHvm1	01	Ba/1.7	Cw/1.5	Dr/4.0	Fd/3.0	Hw/3.0	Ss/3.0	Yc/1.5		
	05	Ba/1.7	Cw/1.5	Dr/4.0	Fd/3.0	Hw/3.0	Ss/3.0	Yc/1.5		
	06	Ba/1.7	Cw/1.5	Dr/4.0	Fd/3.0	Hm/1.5	Hw/3.0	Ss/3.0	Yc/1.5	
	07	Ba/2.2	Cw/2.0	Dr/4.0	Fd/4.0	Hw/4.0	Ss/4.0	Yc/2.0		
	08	Ba/2.2	Cw/2.0	Dr/4.0	Fd/4.0	Hw/4.0	Ss/4.0	Yc/2.0		
	09	Ba/2.2	Cw/2.0	Dr/4.0	Fd/3.0	Hw/4.0	Ss/4.0	Yc/2.0		
	10	Ba/2.2	Cw/2.0	Dr/4.0	Fd/3.0	Hw/4.0	Ss/4.0	Yc/2.0		
CWHxm	05	Cw/2.0	Dr/4.0	Fd/4.0	Hw/1.7	Pw/2.5				
	06	Cw/1.5	Dr/4.0	Fd/3.0	Hw/2.0					
	07	Bg/3.5	Cw/2.0	Dr/4.0	Fd/4.0	Hw/1.7				
	08	Bg/3.5	Cw/2.0	Dr/4.0	Fd/4.0	Ss/4.0				
	09	Bg/3.5	Cw/2.0	Dr/4.0	Ss/4.0					

¹ Within the CWH xm, where western hemlock (Hw) is listed in the foregoing table, the western hemlock will comprise not more than 10% of the **Crop Trees** per hectare planted within the **standards unit**.

² For the purpose of selecting species to be planted from the foregoing table, a **Holder of this FSP**, will document within the **Silviculture Instructions**, species by **BEC** and site series that:

- a) are ecologically suitable;
- b) are consistent with the timber supply analysis and forest management assumptions that apply to this **FSP** that pertain to the **standards unit** as of the **Legislative Planning Date**;
- c) address the immediate and long-term forest health issues for the area within **FDU #1**;

- d) are consistent with maintaining or enhancing an economically valuable supply of commercial timber.

2.0 Stocking Levels and Other Matters Where Alder is Used

If a **Holder of this FSP** uses the species on the sites referred to in Part 1 of this Appendix, the following will apply:

- a. at least 80% of the **Crop Trees** will be alder (Dr);
- b. if **Crop Trees** other than alder are present, the **standards unit** will be managed as a deciduous leading micro patch mixed wood comprised of small distinct and discrete patches, of greater than 0.5ha of pure conifer and alder intermixed in the **standards unit**;
- c. target stocking level will be as specified in Paragraph 5.2.3(a)(ii);
- d. the stocking level for the stocking standards referred to in sections 16(3)(c) and 44(1)(a) of the **FPPR** will be an average within a **standards unit** of not less than **1000 Crop Trees** per hectare; and
- e. if the stocking level of red alder trees within a **standards unit** exceeds 1500 trees per hectare greater than 4.0 meters in height, a **Holder of this FSP** will, before the stand reaches age 12, reduce that stocking level to between 1000 and 1200 **Crop Trees** per hectare.

APPENDIX C.3 : AREA SUBJECT TO SINGLE ENTRY DISPERSED RETENTION STOCKING STANDARD

(Paragraphs 5.4.3 of this FSP)

1.0 Sites On Which SEDRSS May Be Used

For the purposes of Paragraphs 5.4.3 of this **FSP**, a **Holder of this FSP** may use the following species on the following sites:

BEC	Site Series	Species ¹ /Minimum Free Growing Height (m)					
CWH vh1	01	Ba/1.7	Cw/1.5	Hw/2.0	Ss/3.0	Yc/1.5	
	04	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0		
	05	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0	Yc/2.0	
	06	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0	Yc/2.0	
	07	Ba/2.2	Cw/2.0	Hw/1.7	Ss/4.0		
	11	Ba/1.2	Cw/1.0	Hw/1.2	Yc/1.0		
CWH vm1	01	Ba/1.7	Cw/1.5	Hw/3.0	Ss/3.0	Yc/1.5	
	01s	Ba/1.7	Cw/1.5	Hw/3.0	Ss/3.0	Yc/1.5	
	04	Ba/1.7	Cw/1.5	Hw/3.0	Ss/3.0	Yc/1.5	
	05	Ba/1.7	Cw/1.5	Hw/3.0	Ss/3.0	Yc/1.5	
	06	Ba/1.7	Cw/1.5	Hm/1.5	Hw/3.0	Ss/3.0	Yc/1.5
	06s	Ba/1.7	Cw/1.5	Hw/3.0	Yc/1.5		
	07	Ba/2.2	Cw/2.0	Hw/4.0	Ss/4.0	Yc/2.0	
CWH vm2	01	Ba/1.7	Cw/1.5	Hm/1.0	Hw/2.5	Ss/3.0	Yc/1.5
	04	Ba/1.5	Cw/1.0	Hm/0.7	Hw/1.7	Ss/2.0	Yc/1.0
	05	Ba/1.7	Cw/1.5	Hm/1.0	Hw/2.5	Ss/3.0	Yc/1.5
	06	Ba/1.7	Cw/1.5	Hm/1.0	Hw/2.5	Ss/3.0	Yc/1.5
	07	Ba/2.2	Cw/2.0	Hm/1.0	Hw/3.5	Ss/4.0	Yc/2.0

1. For the purpose of selecting species to be planted from the foregoing table, a **Holder of this FSP**, will document within the **Silviculture Instructions**, species by **BEC** and site series that:
 - a. are ecologically suitable;
 - b. are consistent with the timber supply analysis and forest management assumptions that apply to this **FSP** that pertain to the **standard units** as of the **Legislative Planning Date**;
 - c. address immediate and long-term forest health issues for the area within **FDU #1**; and
 - d. are consistent with maintaining or enhancing an economically valuable supply of commercial timber.

2.0 Stocking Levels Where SEDRSS is Used

For the purposes of Paragraph 5.4.3 of this **FSP**, the stocking level is as follows:

Layer	Site Occupancy					
Residual Layer L1, ≥12.5dbh (BA m2 /ha)	0-8	9-15	16-22	23-28	29-39	≥ 40
Regen Layer L2-L4 Minimum Stocking Level Crop Trees per Hectare	600	400	300	200	100	0