



POWELL RIVER  
**COMMUNITY  
FOREST**

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# **FOREST STEWARDSHIP PLAN**

*for*  
***Community Forest License K3G***

**Sunshine Coast Natural Resource District**

**Forest Operations  
Of  
Powell River Community Forests Ltd.**

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**Results Based Forest  
Management Ltd.** 

**FSP Dated: Sept 2, 2020**

**NOTE: Submission Version 1.2 - This document and content form a proposed FSP only and is subject to approval after submission to government.**

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# **Forest Stewardship Plan**

## **1 DATE OF SUBMISSION**

The date of submission of this Forest Stewardship Plan (FSP) is September 2, 2020.

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

References to the Forest and Range Practices Act (FRPA) and the Forest Planning and Practices Regulation (FPPR) refer to the legislation as it was on the date of submission of this FSP.

### **2.1 Licensees and Licenses**

This FSP applies to all new cutblocks and roads associated with Community Forest Agreement License K3G Cutting Permit (CP) ZC and ZCS (salvage). The FSP will also apply to each cutting permit and road permit issued, or granted, to the Holder of Community Forest Agreement License K3G in the Sunshine Coast Natural Resource District that is issued or granted:

- (a) after the Commencement Date of this FSP; and
- (b) within the Forest Development Units (FDU).

## **3 TERM OF THE FSP (FRPA S. 6(1) (a))**

The term of this FSP is 5 years, unless extended pursuant to FRPA.

## **4 COMMENCEMENT OF TERM (FRPA S. 6 (1) (b))**

The term of this FSP commences on the date specified by the Minister or their Delegated Decision Maker (DDM) in approving the plan.

## **5 MAP (FRPA S. 5(1) (a) AND FPPR S. 14)**

Refer to Appendix 2 for the FSP map. The FSP Map shows the boundaries of the Forest Development Unit (FDU) under this FSP. The FDU area under this FSP matches PRCF's Cutting Permit ZC area.

Landscape units have been designed to be logical areas for the management of resource values such as biodiversity and old growth retention. The only Landscape Unit (LU) included in this FSP is the Haslam Landscape Unit. The Haslam FDU included in this plan includes all portions of the PRCF license area within the Haslam LU, except those small portions within the Shishalh Nation Identified Traditional Territory. The portions of the PRCF license area within the Shishalh Nation Identified Traditional Territory have been excluded from the FDU for administrative reasons. No operations are planned within the Shishalh Nation Identified Traditional Territory during the term of this FSP.

The boundaries of the Haslam FDU include, despite any inconsistency between the FSP Map and the boundaries of PRCF's license areas referred to in Paragraph 2.1, the full area of such licenses.

The Lois Landscape Unit is identified as a very small portion of the license area along the Eastern tenure edge adjacent to TFL 39 and has not been included in an FDU for administrative reasons. No operations are planned within the Lois Landscape Unit during the term of this FSP.

**5.1 FDUs in Effect on Date of Submission of the FSP (FPPR S. 14(1)(b))**

FDUs in effect on date of submission of this FSP are FDU Haslam

**5.2 DESIGNATION IN EFFECT FOUR MONTHS PRIOR TO THE DATE OF SUBMISSION OF THIS FSP (FPPR S. 14(2)(ii))**

The FSP map shows the requirements as listed in S. 14(3)(a-d, f-h, j) of the FPPR which are within FDUs and were in effect on the Date of Submission., including the designations listed in Table 1, below.

**Table 1: FPPR 14(3) Designations for Sunshine Coast Forest District (SCFD) FSP**

<b><u>FPPR S. 14 (3)(a)</u></b> <b>Ungulate Winter Range</b>	<b>FDU</b>	<b>Date Designated</b>
Not Applicable to this FSP	Haslam	None designated
<b><u>FPPR S. 14 (3)(b)</u></b> <b>Wildlife Habitat Areas</b>	<b>FDU</b>	<b>Date Designated</b>
Not Applicable to this FSP	Haslam	None designated
<b><u>FPPR S. 14 (3)(c)</u></b> <b>Fisheries sensitive watershed</b>	<b>FDU</b>	<b>Date Designated</b>
Not Applicable to this FSP	Haslam	None designated
<b><u>FPPR S. 14 (3)(d)</u></b> <b>Lakeshore management zone</b>	<b>FDU</b>	<b>Date Designated</b>
Not Applicable to this FSP	Haslam	None designated
<b><u>FPPR S. 14 (3)(e)</u></b> <b>Scenic Areas</b>	<b>FDU</b>	<b>Date Designated</b>
Visual Quality Objectives (VQO) Declared for SCFD.	Haslam	April 22, 1997 (Amendments June 4, 1999)
<b><u>FPPR S. 14 (3)(f)</u></b> <b>Designated L1 Lake</b>	<b>FDU</b>	<b>Date Designated</b>
Not Applicable to this FSP	Haslam	None designated
<b><u>FPPR S. 14 (3) (g)</u></b> <b>Community Watersheds</b>	<b>FDU</b>	<b>Date Designated</b>
Haslam Lang - 900.034	Haslam	May 15, 1996
<b><u>FPPR S. 14 (3) (h)</u></b> <b>Old Growth Management Areas</b>	<b>FDU</b>	<b>Date Designated</b>
Not Applicable to this FSP	Haslam	<i>No legal OGMAs have been established within the Haslam LU</i>

<b>FPPR S. 14 (3) (i)</b> <b>Area in which timber harvesting is prohibited by another enactment</b>	<b>FDU</b>	<b>Date Designated</b>
Not Applicable to this FSP	Haslam	None designated
<b>FPPR S. 14 (3) (j)&amp;(k)</b> <b>cutting permit and road permit held by the agreement holder</b>	<b>FDU</b>	<b>Date Designated</b>
CP ZC and CP ZCS, cover all areas within FDU Haslam under the agreement K3G. These permits are held by the FSP holder and in effect on the Date of Submission of the FSP for approval.  The FSP Map indicates the road permits (RPs) held on the Date of Submission of the FSP for Approval.	Haslam	CP ZC was approved Aug 28, 2019 and expires Aug 27, 2023.  CP ZCS was approved Aug 28, 2019 and expires Aug 27, 2023.

## **6 RESULTS AND STRATEGIES**

### **6.1 Land Use Objectives (FPPR S. 1 definition)**

The following land use objectives have been established under Sections 3 to 5 of the FPC and meet the definition of objectives set by government as per the FRPA.

#### ***6.1.1 Order Establishing Landscape Units and Objectives***

The Haslam Landscape Unit does not have an approved Landscape Unit Plan.

#### ***6.1.2 Order Establishing Provincial Non-Spatial Old Growth Objectives***

The “Order Establishing Provincial Non-spatial Old Growth Objectives”, (effective June 30, 2004), clarifies the amount of area available for timber harvesting. This order supplements, but does not replace, FPPR S. 9.

<b>Forest Development Unit</b>	<b><u>Result or Strategy</u></b>
<b><u>Haslam</u></b>	<p><b><u>Approach to Harvesting and Roads</u></b></p> <ol style="list-style-type: none"> <li>1. The FSP holder will, when conducting primary forest activities under this FSP do so in a manner consistent with the “Order Establishing Provincial Non-Spatial Old Growth Objectives”, (effective June 30, 2004). This order can be viewed at the following website:  <a href="https://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/natural-resource-use/land-water-use/crown-land/land-use-plans-and-objectives/policies-guides/old_growth_order_may18th_final.pdf">https://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/natural-resource-use/land-water-use/crown-land/land-use-plans-and-objectives/policies-guides/old_growth_order_may18th_final.pdf</a></li> <li>2. Subsection 1 will apply until government establishes Old Growth Management Area (OGMA) polygons. If government establishes OGMA polygons during the term of this FSP, the FSP holder will conduct primary forest activities under this FSP in a manner consistent with the established OGMA.</li> </ol>

## **6.2 Objectives Prescribed Under FRPA S. 149**

### **6.2.1 Soils (FPPR S. 5)**

*The objective set by Government for soils is, without unduly reducing the supply of timber from British Columbia's forest, to conserve the productivity and the hydrologic function of soils.*

<b>FDU</b>	<b><u>Result</u> or Strategy</b>
<b><u>Haslam</u></b>	1. The FSP holder adopts, as a result or strategy, the practice requirements as specified in s.35 and s.36 of the FPPR.

### **6.2.2 Wildlife (FPPR S. 7)**

*The objective set by government for wildlife is, without unduly reducing the supply of timber from British Columbia's forest, to conserve sufficient wildlife habitat in terms of amount of area, distribution of areas and attributes of those areas, for*

- a) The survival of species at risk,*
- b) The survival of regionally important wildlife, and*
- c) The winter survival of specified ungulate species*

- 1. A person required to prepare a Forest Stewardship Plan must specify a result or a strategy in respect of the objective stated under subsection (1) only if the Minister responsible for the Wildlife Act gives notice to the person of the applicable*
  - a) Species referred to in subsection (1), and*
  - b) Indicators of amount, distribution and attributes of wildlife habitat described in subsection (1)*
- 2. If satisfied that the objective set out in subsection (1) is addressed, in whole or in part, by an objective in relation to a wildlife habitat area or an ungulate winter range, general wildlife measure, or a wildlife habitat feature, the minister responsible for the Wildlife Act must exempt a person from obligation to specify a result or strategy in relation to the objective set out in subsection (1) to the extent that the objective is already addressed.*
- 3. A notice described in subsection (2) must be given at least 4 months before the Forest Stewardship Plan is submitted for approval.*

*For the purpose of the results in respect of this objective, "notice" means the NOTICE INDICATORS OF THE AMOUNT DISTRIBUTION AND ATTRIBUTES OF WILDLIFE HABITAT REQUIRED FOR THE SURVIVAL OF SPECIES AT RISK IN THE SUNSHINE COAST FOREST DISTRICT given under FPPR s.7(2)*

<b>FDU</b>	<b>Species</b>	<b><u>Result or Strategy</u></b>
<b><u>Haslam</u></b>	<b><u>Tailed Frog</u></b> <i>(Asaphus truei)</i>	<ol style="list-style-type: none"> <li>1. The FSP Holder will not carry out primary forest activities in an area that would result in the amount or distribution of habitat for coastal tailed frog to be reduced below that specified in the relevant Section 7 notice (March 2, 2006).</li> <li>2. Where new WHA are established, any Primary Forest activities carried out by the FSP holder will be consistent with the Order and general wildlife measures in place for those WHA.</li> <li>3. Section 1 of this result/strategy no longer applies to any area where WHA are legally established that meet the intent of the notice and an exemption is given under FPPR S. 7(3).</li> </ol>
<b>FDU</b>	<b>Species</b>	<b><u>Result or Strategy</u></b>
<b><u>Haslam</u></b>	<b><u>Marbled Murrelet</u></b> <i>(Brachramphus marmoratus)</i>	<ol style="list-style-type: none"> <li>1. The FSP Holder will not carry out primary forest activities within an area that would result in the amount or distribution of habitat for marbled murrelet to be reduced below that specified in the relevant Section 7 notice (March 2, 2006).</li> <li>2. Where new WHA are established, any Primary Forest activities carried out by the FSP holder will be consistent with the Order and general wildlife measures in place for those WHA.</li> <li>3. Section 1 of this result/strategy no longer applies to any area where WHA are legally established that meet the intent of the notice and an exemption is given under FPPR S. 7(3).</li> </ol>
<b>FDU</b>	<b>Species</b>	<b><u>Result or Strategy</u></b>
<b><u>Halsam</u></b>	<b><u>Northern Goshawk</u></b> <i>(Accipiter gentilis laingi)</i>	<b><u>Approach to Harvesting and Roads</u></b> <ol style="list-style-type: none"> <li>1. The FSP Holder will not carry out primary forest activities within an area that would result in the amount or distribution of habitat for northern goshawk to be reduced below that specified in the relevant Section 7 notice (March 2, 2006).</li> <li>2. Where new WHA are established, any Primary Forest activities carried out by the FSP holder will be consistent with the Order and general wildlife measures in place for those WHAs.</li> <li>3. Section 1 of this result/strategy no longer applies to any area where WHAs are legally established that meet the intent of the notice and an exemption is given under FPPR S. 7(3).</li> <li>4. Nest surveys will be completed for proposed development areas when there is a high likelihood of a nest site being located in an area proposed for development. A high likelihood is based on there being an existing known nest site in the development area, during field work a bird is identified or other information is made available to the FSP holder that would determine a nest is in the area.</li> </ol>

**6.2.3 Water, Fish, Wildlife & Biodiversity within Riparian Areas (FPPR S. 8)**

*Objective set by government for water, fish, wildlife, and biodiversity within riparian areas is, without unduly reducing the supply of timber from British Columbia’s forests, to conserve, at the landscape level, the water quality, fish habitat, wildlife habitat, and biodiversity associated with those riparian areas.*

<b><u>Stream, Lake and Wetland Riparian Classes (FPPR S. 47, 48, and 49)</u></b>	
<b>FDU</b>	<b>Result or <u>Strategy</u></b>
<b><u>Haslam</u></b>	<p>1. For primary forest activities carried out by the FSP holder, the widths of the riparian management area, riparian reserve zone and riparian management zone will be:</p> <p>a) As specified in FPPR Sections 47(4) to (6), 48(3) to (5) and 49(2) to (3), <u>or</u></p> <p>b) For an ephemeral S3 stream that does not contain fish and flows into a lake – As specified in a written rationale, prepared prior to commencement of the primary forest activity by a qualified professional, that is based on one or more of the following circumstances:</p> <p>i) wind throw hazard and consequence,</p> <p>ii) water quality protection,</p> <p>iii) sensitive stream protection,</p> <p>iv) environmental sensitivity such as terrain stability class 4 or 5,</p> <p>v) topography, or</p> <p>vi) worker safety, and</p> <p>c) reflect the Factors in Schedule 1 Sec. 2 of the FPPR.</p> <p>d) If Riparian Reserve Zone (RRZ) widths are reduced below 20m for non-fish S3 stream reaches, the reduction in RRZ area will be tracked by the FSP holder and the total reduction in RRZ area will be less than 3ha in a given calendar year. The FSP holder commits to establishing equivalent replacement RRZ areas (measured by the area greater than the minimum RRZ width required) along other stream reaches within a 2 year period following harvesting activities.</p> <p>e) The FSP holder will establish a monitoring program to measure stream turbidity and temperatures for any non-fish S3 streams that have RRZ’s less than 20m wide.</p>

<b><u>Restrictions in Riparian Management Areas, Riparian Reserve Zones and Riparian Management Zones (FPPR S. 50, 51 and 52(2) and 53)</u></b>	
<b>FDU</b>	<b>Result or <u>Strategy</u></b>
<b><u>Haslam</u></b>	<p>1. The FSP holder will adopt FPPR S. 50, 51 and 52(2) and 53 as those sections were on the date of submission of this FSP as a result or strategy.</p>



**Result or Strategy for Conditional Exemption Under FPPR S. 12.3(5) for Enhanced and Protection Activities in Riparian Reserve Zones (RRZs)**

FDU	Result or <u>Strategy</u>
<b><u>Haslam</u></b>	<ol style="list-style-type: none"> <li>1. Subject to paragraph 2, the FSP holder, in addition to the purposes granted under FPPR S. 51(1)(a,b,c,d,e,f,g,h,i), is exempt from FPPR s. 51(1), if the activities proposed in a RRZ are designed to:               <ol style="list-style-type: none"> <li>a) enhance wildlife values,</li> <li>b) enhance fisheries values,</li> <li>c) enhance biodiversity values, or</li> <li>d) protect water quality values.</li> </ol> </li>   <li>2. Prior to enhancement or protection activities for wildlife, fisheries, biodiversity, and water quality values in a RRZ, the FSP holder will:               <ol style="list-style-type: none"> <li>a) develop a plan for the proposed enhancement/ protection works;</li> <li>b) have the plan signed by a qualified professional; and</li> <li>c) implement the plan.</li> </ol> </li> </ol>

**Result or Strategy for Conditional Exemption Under FPPR S. 12.3(5) for Harvest Activities in Riparian Reserve Zones (RRZs)**

FDU	Result or <u>Strategy</u>
<b><u>All FDU</u></b> s	<p><b><u>Approach to Harvesting</u></b></p> <ol style="list-style-type: none"> <li>1.1 Subject to paragraphs 1.2, the FSP holder, in addition to the purposes granted under s.51(1) is exempt from 51(1), if the activities proposed in the RRZ are for the purposes of:               <ol style="list-style-type: none"> <li>(a) harvesting timber on the upslope side of a road that has been constructed in the RMA and is located between the road and cutblock.</li> </ol> </li>   <li>1.2 Prior to removing tree(s) on the upslope side of a road within the RRZ, the FSP holder, will:               <ol style="list-style-type: none"> <li>(i) only remove tree(s) from the area included in the RRZ if the removal of tree(s), as determined by a qualified professional, will not have a material adverse effect on the water, fish, wildlife and biodiversity values as compared to other options; and</li> <li>(ii) establish the RRZ at the edge of the road right of way located closest to the stream.</li> </ol> </li> </ol>

**Retention in a Riparian Management Zone (FPPR S. 12(3))**

FDU	Result or <u>Strategy</u>
<b><u>Haslam</u></b>	<ol style="list-style-type: none"> <li>1. If the FSP holder carries out a primary forest activity in a riparian management zone, in a cut block, the level of retention within the riparian management zone will:               <ol style="list-style-type: none"> <li>a) Be determined in the field by a Qualified Professional: and</li> <li>b) reflect the factors in FPPR Schedule 1 Sec.2; and</li> <li>c) be specified in a plan prepared prior to commencement of harvesting.</li> </ol> </li> </ol>

## 6.2.4 Community Watersheds (FPPR S. 8.2)

*Objectives set by Government for water in community watersheds (FPPR s. 8.2)*

- (1) In this section, "**community watershed**" means a community watershed
- (a) that is continued under section 180 (e) of the Act, and
  - (b) for which a water quality objective has not been
    - (i) continued under section 181 of the Act, or
    - (ii) established under the Government Actions Regulation.
- (2) The objective set by government for water being diverted for human consumption through a licensed waterworks in a community watershed is to prevent to the extent described in subsection (3) the cumulative hydrological effects of primary forest activities within the community watershed from resulting in
- (a) a material adverse impact on the quantity of water or the timing of the flow of the water to the waterworks, or
  - (b) the water from the waterworks having a material adverse impact on human health that cannot be addressed by water treatment required under
    - (i) an enactment, or
    - (ii) the licence pertaining to the waterworks.
- (3) The objective set by government under subsection (2) applies only to the extent that it does not unduly reduce the supply of timber from British Columbia's forests.
- (4) If satisfied that the objective set out in subsection (2) is not required to provide special management the minister responsible for the Wildlife Act must exempt a person from the requirement to specify a result or strategy in relation to the objective.
- (5) If satisfied that the objective set out in subsection (2) is addressed, in whole or in part, by an enactment, the minister responsible for the Wildlife Act must exempt a person from the requirement to specify a result or strategy in relation to the objective set out in subsection (2) to the extent that the objective is already addressed.

FDU	Result or <u>Strategy</u>
<u>Haslam</u>	<p>The FSP holder will ensure that all primary forest activities are compliant with FPPR 59, 60, 61, 62 and 63. In addition, all primary forest activities within community watersheds carried out by the FSP holder will be consistent with the recommendations of a hydrologic assessment. The hydrologic assessment will:</p> <ul style="list-style-type: none"> <li>a) be written by a Qualified Professional;</li> <li>b) consider the potential for hydrologic changes, within the watershed, associated with climate change and industrial activities;</li> <li>c) indicate that planned and existing harvesting and road building are unlikely to result in an elevated risk to a licenced waterworks associated with increased peak flows;</li> <li>d) contain a survey of existing sediment sources that could impact a licenced waterworks;</li> <li>e) assess riparian and channel conditions upstream of any licenced waterworks;</li> <li>f) include a watershed report card; and</li> <li>g) provide recommendations that mitigate the risk of the primary forestry activities impacting the objectives stated in FPPR 8.2.</li> <li>h) be shared with other tenure holders in the community watershed</li> </ul> <p>In respect to community watersheds, the FSP holder will work with other tenure</p>

	holders to incorporate their planned and existing activities into the hydrologic assessment.
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### 6.2.5 Wildlife and Biodiversity - landscape level (FPPR S. 9)

*The objective set by government for wildlife and biodiversity at the landscape level is, without unduly reducing the supply of timber from British Columbia's forest and to the extent practicable, to design areas on which timber harvesting is to be carried out that resemble, both spatially and temporally, the patterns of natural disturbances that occur within the landscape.*

FDU	Undertaking Under FPPR Section 12.1(3)
<u>Haslam</u>	When constructing a road or harvesting timber under this FSP, the FSP holder undertakes to comply with FPPR s. 64 and 65.

### 6.2.6 Wildlife and Biodiversity - stand level (FPPR S. 9.1)

*The objective set by government for wildlife and biodiversity at the stand level is, without unduly reducing the supply of timber from British Columbia's forest, to retain wildlife trees.*

FDU	<u>Result / Strategy for Conditional Exemption Under FPPR Section 12.5(1)- Wildlife Tree Retention Area (WTRA)</u>						
<u>Haslam</u>	<p><b><u>Basis of Wildlife Tree Retention Area</u></b></p> <p>1. When harvesting timber under this FSP, the amount of Wildlife Tree Retention Area specified below is applied on the total of:</p> <ul style="list-style-type: none"> <li>a) the Net Area to be Reforested (NAR); and</li> <li>b) the area of all roads,</li> </ul> <p>Within the cutblock.</p> <p><b><u>Amount of Wildlife Tree Retention Area</u></b></p> <p>2. The Holder will, when harvesting timber under this FSP, do so in a manner consistent with the following:</p> <p>(a) the minimum WTRA amount by cut block is:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Total Cut block Area(ha)</th> <th>Minimum WTP % Retention</th> </tr> </thead> <tbody> <tr> <td>Cut blocks &lt; 5 ha in size</td> <td>0%</td> </tr> <tr> <td>Cut blocks ≥ 5 ha in size</td> <td>3.5%</td> </tr> </tbody> </table> <p>(b) the total area of wildlife tree retention is a minimum of 7% of the total area of all cut blocks harvested, <i>over the term of the plan.</i></p>	Total Cut block Area(ha)	Minimum WTP % Retention	Cut blocks < 5 ha in size	0%	Cut blocks ≥ 5 ha in size	3.5%
Total Cut block Area(ha)	Minimum WTP % Retention						
Cut blocks < 5 ha in size	0%						
Cut blocks ≥ 5 ha in size	3.5%						

FDU	<b>Result / Strategy for Conditional Exemption Under FPPR Section 12.5(2)- Management of Wildlife Tree Retention Areas (WTRAs)</b>
<b><u>Haslam</u></b>	<p>No harvest will occur within a WTRA, except in the following circumstances:</p> <ol style="list-style-type: none"> <li>1. The trees on the net area to be reforested of the cutblock to which the WTRA relates have developed attributes that are consistent with a mature seral condition;</li> <li>2. The FSP holder may relocate a WTRA, or portion thereof, by specifying in a site plan/amendment a suitable replacement WTRA (For the purpose of this strategy, suitable replacement WTRA is defined as an area that is equal to, or better than, the quality and quantity of the WTRA being replaced). WTRA relocations will be submitted into Results; and</li> </ol> <p>The FSP Holder may prune or top trees within a wildlife tree retention area that:</p> <ol style="list-style-type: none"> <li>a) has a high likelihood of windthrow, to maintain the integrity of that wildlife tree retention area</li> </ol>

### **6.2.7 Cultural Heritage Resources (FPPR s. 10)**

*Objectives set by government for cultural heritage resources (FPPR s.10)*

*The objective set by government for cultural heritage resources is to conserve, or, if necessary, protect cultural heritage resources that are*

- a) *The focus of a traditional use by an aboriginal people that is of continuing importance to that people, and*
- b) *Not regulated under the Heritage Conservation Act.*

#### **Strategy for Cultural Heritage Resource Objectives**

FDU	<b>Result or Strategy</b>
<b><u>Haslam</u></b>	<p><b>Approach to Harvesting and Roads</b></p> <ol style="list-style-type: none"> <li>1. The FSP holder will, when constructing a road or harvesting timber under this FSP, do so in a manner consistent with: <ol style="list-style-type: none"> <li>(a) Conserving or if necessary, protecting cultural heritage resources that are; <ol style="list-style-type: none"> <li>(i) the focus of a traditional use by an aboriginal people that is of continuing importance to that people, and are determined to be</li> </ol> </li> </ol> </li> </ol>

	<p>important, valuable and scarce;</p> <p>(ii) not regulated under the Heritage Conservation Act or are not conserved and protected by other arrangements;</p> <p>(iii) likely to be adversely impacted by the activities of the Holder; and</p> <p>(iv) capable of being addressed in the context of this FSP.</p> <p>(b) A cultural heritage resource that is the focus of a continued traditional use by a First Nation and is determined to be important, valuable and proven to be scarce will be determined through:</p> <p>(i) information sharing between the FSP holder and the affected First Nation prior to the review and comment period, outlined in Section 21 of the FPPR for this FSP; or</p> <p>(ii) information received from the affected First Nation within the time period described in s-s 20(2) of the FPPR; or</p> <p>(iii) information forwarded to the FSP holder, by government or affected First Nation prior to submission for approval of this FSP; and</p> <p>(iv) is consistent with the timber harvesting rights in the Agreement(s) to which this FSP pertains.</p> <p>2. The following process will be used to provide the affected First Nation with the opportunity to review proposed road building or timber harvesting activities, in relation to new cultural heritage resource information, prior to development occurring.</p> <p>(a) The FSP holder will send maps outlining proposed development areas to the affected First Nation and request new cultural heritage resource information.</p> <p>(b) If requested by an affected First Nation the FSP holder will have a Traditional Use Study completed for areas proposed for development.</p> <p>(c) New information received from the affected First Nation or the Province within 30 days will be reviewed by the FSP holder in the context to which the new proposed development areas will impact the identified cultural heritage resource.</p> <p>(d) The FSP holder will determine what options, if any, exist to mitigate the impacts from proposed road construction and /or harvesting activities.</p> <p>(e) The First Nation and the Province will be notified in writing by the FSP holder, as to what actions, if any, will be taken to conserve and/or protect identified cultural heritage resource values that are defined under 1 (a) of this section.</p>
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	<p>3. To the extent that the criteria in paragraph 1 above have been met, for identified cultural heritage resource values, the following strategies apply:</p> <p>(a) Cultural Cedar: To ensure a mid and long term supply of cedar as a cultural heritage resource, the FSP holder will conduct the following:</p> <p>(i) To ensure a long and mid-term supply of cedar, the FSP holder, will plant cedar on ecologically suitable sites within all FDU.</p> <p>(ii) The FSP holder, upon request will provide reasonable assistance to a First Nation to obtain an amount of monumental cedar trees, consistent with past usage, that are suitable for cultural purposes; and</p> <p>(iii) Upon request, will assist in identifying sites suitable for cedar bark stripping, and/or cedar root digging.</p> <p>(b) Medicinal Plant Species: The FSP holder will provide reasonable opportunities for First Nation members to obtain or access rare or scarce medicinal plants if they request the opportunity.</p> <p>(i) The FSP holder, upon request, will provide reasonable assistance to a First Nation in the identification of potential medicinal plant species sites suitable for cultural uses; and</p> <p>(ii) once a site has been identified, and determined to be scarce, the FSP holder, will not harvest timber, and will not construct a road over the site unless there are no other practicable options.</p> <p>(c) Access for Hunting:</p> <p>(i) The FSP holder will provide for access for hunting for First Nation members on all road permit roads. If Gates are installed on roads to limit garbage dumping and firewood theft, All Terrain Vehicle (ATV) access will be provided around the gate for hunting and recreational purposes.</p>
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**6.3 Objectives Continued Under FRPA S. 181**

***6.3.1 Visual Quality***

<b>FDU</b>	<b><u>Result or Strategy</u></b>
<b><u>Haslam</u></b>	<p>6.3.1(a) Definition            In Paragraphs 6.3.1(b) to 6.3.1(d):            (i) “Category of Alteration” refers to the visual quality objective that is legally established by FRPA S. 180(c) and 181, letters from District Manager effective Apr 22, 1997, and amended June 4, 1999.            Or established during the term of this FSP through a GAR order.            (ii) “Significant Public Viewpoint” means the viewpoint that is a place or</p>

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 location should offer the best or most direct view of the alteration.

**6.3.1(b) Cutblocks and Roads Will Be Consistent with Characteristics Applicable to Categories of Alteration**

Subject to Paragraphs 6.3.1(c) to 6.3.1(d), if the FSP holder harvests timber or constructs a road pursuant to this FSP within an area in the Haslam FDU having a Category of Alteration, the Cutblock or road will, at the conclusion of harvesting, be consistent with the characteristics applicable to that Category of Alteration or applicable to a Category of Alteration above it, as set out in the following table:

<b>Category of Alteration</b>	<b>Characteristics of Cutblock or Road</b>
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

**6.3.1(c) Application of Characteristics**

The characteristics for a Cutblock or road specified in Paragraph 6.3.1(b) are assessed:

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

**6.3.1(d) Exceptions Where Alternative Characteristics Permitted**

The FSP holder 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.

### 6.3.2 Recreation Objective set for the Sweetwater Trail Project

The objective is to manage the Sweetwater Recreation Trail for a semi primitive, non- motorised, recreation experience. The trail will be maintained. Opportunities for hiking are available, no mechanised uses permitted.

FDU	<u>Result or Strategy</u>
<u>Haslam</u>	<p>All primary forest activities carried out by the FSP holder in the vicinity of the Sweetwater Recreation Trail (established July 31, 1998) will:</p> <ol style="list-style-type: none"> <li>1. not damage the trail or render it ineffective in its ability to provide semi-primitive, non-motorized recreation experiences; and,</li> <li>2. maintain the trail.</li> </ol>

### 6.4 Sunshine Coast Trail

The FSP holder will work cooperatively with Powell River Parks and Wilderness Society (PRPAWS) recreational user group in the realization of the established management principles (Dated December 8th, 2009) for the Sunshine Coast Trail.

These principles provide management guidance and negate the need for legal objectives for the trail.

### 6.5 Resource Features: Karst (FPPR S. 70, GAR 5(1))

Requirement:

For the purpose of section 70 of the FPPR, the FSP holder will ensure that the primary forest activity does not damage or render ineffective a resource feature.

FDU	
<u>Haslam</u>	<ol style="list-style-type: none"> <li>1. In this practice requirement, all primary forest activities carried out by the FSP holder will be in accordance with the Order to Identify Karst Resource Features for the Sunshine Coast Forest District effective September 30, 2010, or as subsequently amended.</li> <li>2. Pursuant to Section 5(1) (a) of the Government Actions Regulation under the Forest and Range Practices Act, the following are defined as surface or subsurface elements of a karst system as resource features wherever they are found within the Sunshine Coast Forest District: <ul style="list-style-type: none"> <li>• Karst caves</li> <li>• Significant surface karst features</li> </ul> </li> </ol>



## **7 STOCKING STANDARDS (FRPA S. 16)**

### **7.1 Situations or Circumstances that determine whether Free Growing is assessed on a Block Basis or Across Block**

FPPR S.44 (1) applies in all situations or circumstances under the FSP where a free growing stand is required to be established under FRPA S.29.

### **7.2 Regeneration Date and Stocking Standards, Free Growing Height**

The FSP Stocking Standards specify the regeneration date, free growing height and stocking standards for the situations or circumstances where FPPR S. 44(1) applies (Stocking standards are in Appendix 1).

### **7.3 Situations or Circumstances that Determine when FPPR S. 44(4) and the Standards Applicable Under FPPR S. 16(4) Applies**

Where harvesting of special forest products, intermediate cuts or commercial thinning occurs as per FPPR s. 44(3) (h) and s. 44(3) (i), the Stocking Standards (FSP Stocking Standards) will be maintained for twelve months following the completion of harvest on the area that the harvesting took place.

## **8 MEASURES TO PREVENT THE INTRODUCTION AND SPREAD OF INVASIVE PLANTS (FPPR S. 17)**

*FPPR S.17*

*For the purpose of FRPA s.47 (invasive plants) of the act, a person who prepares a Forest Stewardship Plan must specify measures in the plan to prevent the introduction or spread of species of plants that are invasive plants under the Invasive Plants Regulation, if the introduction or spread is likely to be the result of the person's forest practices.*

FDU	Measures
<b><u>Haslam</u></b>	<p>In respect of the objective, invasive plant species are those identified in Section 2 of the Invasive Plants Regulation.</p> <p>The measures to prevent the introduction and spread of invasive plants to be undertaken by the Plan Holder are as follows:</p> <ol style="list-style-type: none"><li>1. Use a qualified professional to identify and monitor the presence and spread of invasive plant species while conducting field related forest management activities:<ol style="list-style-type: none"><li>a. within cutblocks (from pre-harvest fieldwork through to regeneration declaration)</li><li>b. along roads that are constructed after the approval of this FSP and are subject to a road permit held by the FSP holder.</li></ol></li><li>2. Record any observed occurrences of invasive plant species and if deemed problematic, report their presence through the Invasive Alien Plan Program (IAPP) Application.</li><li>3. Machinery and equipment capable of introducing invasive plant</li></ol>

	<p>reproductive material during harvesting or road building activities will be:</p> <ul style="list-style-type: none"> <li>a. Cleaned prior to arriving on site,</li> <li>b. Stored outside of areas of infestation</li> </ul> <p>4. In areas where invasive plants have been identified and more than 0.25 hectares of contiguous mineral soil has been exposed by road or landing construction or scarification within a cutblock ('the disturbed area'), a qualified professional will prescribed revegetation activities based on a risk assessment for the site and the invasive plant species characteristics. The risk assessment will include one or more of the following considerations:</p> <ul style="list-style-type: none"> <li>a. Biogeoclimatic ecosystem;</li> <li>b. Proximity to parks or protected areas;</li> <li>c. Proximity to identified First Nations plant use areas;</li> <li>d. Proximity to riparian areas;</li> <li>e. Proximity to town centers;</li> <li>f. Invasive plant species dispersal and reproduction mechanisms; and</li> <li>g. Invasive plant species annual dispersal/spread rate.</li> </ul> <p>5. Where re-vegetation is prescribed, seed the disturbed area within two years of disturbance and within the growing season, with the exclusion of the road surface of active roads, if:</p> <ul style="list-style-type: none"> <li>a. Such disturbance is likely to result in the introduction or spread of invasive plants species identified with the area; and</li> <li>b. Such re-vegetation will materially reduce the likelihood or the spread of invasive plant species identified in the area.</li> </ul> <p>6. Where seed germination levels cover less than 80% of the treatment area, one additional application of grass seeding will be done.</p> <p>7. Use seed to re-vegetate disturbed areas that will meet or exceed the Common #1 Forage mixture.</p>
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**9 MEASURES TO MITIGATE THE EFFECT OF REMOVING OR RENDERING INEFFECTIVE NATURAL RANGE BARRIERS.**

There are no agreements under the Forest Range Act that apply to the FDU's in this FSP. Accordingly, no measures have been specified for FPPR S.18 or FRPA S. 48.

**10 SIGNATURES OF PERSONS REQUIRED TO PREPARE THE PLAN**

**Powell River Community Forest Ltd.**  
4760 Joyce Ave.  
Powell River, BC V8A 3B6  
**604-487-9540**

Authorized Licensee Signature:

Name: 

**Greg Hemphill, President PRCF**

Dated: Sept 2, 2020

Preparing Forester:

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



Name: \_\_\_\_\_

**Chris Laing, R.P.F. #4613**

Dated: Sept 2, 2020