



**Ts'elxwéyeqw Forestry  
Limited Partnership**  
Building #8A – 7201 Vedder Road  
Chilliwack, BC V2R 4G5



**Kwaw-Kwaw-Aplit  
First Nation**  
PO Box 2065, Sardis Station Main  
Chilliwack, BC V2R 1A5



**Cheam First Nation**  
52130 Old Yale Road  
Rosedale, BC V0X 1X0



**Skwah First Nation**  
PO Box 178  
Chilliwack, BC V2P 6H7

# Forest Stewardship Plan For Non Replaceable Forest Licenses (NRFL) A75807, A81822, A90236 & A90380

**Chilliwack Forest District  
Fraser Timber Supply Area**

**Submission Date: May 23, 2017**

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## Disclaimer

This Forest Stewardship Plan (FSP) has been written and prepared by Ts'elxwéyeqw Forestry Limited Partnership (TFLP), the Cheam First Nation, the Kwaw-Kwaw-Aplit First Nation and the Skwah First Nation as Forest Tenure Holders/Licensees in accordance with the *Forest and Range Practices Act* and the associated regulatory framework. As such, this FSP's sole purpose is to illustrate how the Plan Holders will manage forest resources, which are subject to the Plan Holders' management, in accordance with the *Forest and Range Practices Act* and the Objectives Set by Government described within and the fact that the Plan Holders may carry out information sharing with other First Nations as part of its obligations hereunder, does not mean that the Plan Holders acknowledges any such asserted overlapping claims.

## 1.0 Introduction

This Forest Stewardship Plan (FSP) has been prepared to meet the legislative requirements outlined in the *Forest and Range Practices Act* and the *Forest Planning and Practices Regulation*, as well as additional associated provincial and federal legislation.

Within this FSP, objectives, results, strategies, measures and/or comments have been presented and developed to describe and facilitate forest management objectives as expressed by the British Columbia Provincial Government. Ts'elxwéyeqw Forestry Limited Partnership is the holder of Non Replaceable Forest License (NRFL) A75807, the Cheam First Nation is the holder of Non Replaceable Forest License (NRFL) A81822, the Kwaw-Kwaw-Aplit First Nation is the holder of Non Replaceable Forest License (NRFL) A90236 and the Skwah First Nation is the holder of Non Replaceable Forest License (NRFL) A90380.

### 1.1 Definitions and Abbreviations in this FSP

**“Aboriginal Peoples”** means an aboriginal people whose asserted traditional territory overlaps with a FDU outlined within this FSP;

**“Attributes”** means the attributes of an Affected Species specified in a Notice that relates to the Affected Species;

**“Commencement Date”** means the commencement date of the Term of this FSP;

**“DWR”** means Deer Winter Range;

**“FDP”** means a Forest Development Plan under the FPC;

**“FDU”** refers to a Forest Development Unit under this FSP;

**“FPC”** means the “Forest Practices Code of British Columbia Act” and “Code Regulations” as those terms are defined in subsection 177(1) of FRPA;

“**FPPR**” means the Forest Planning and Practices Regulation, B.C. Reg. 14/2004 made pursuant to FRPA, as that regulation existed on the Date of Submission;

“**FRPA**” means the Forest and Range Practices Act, S.B.C. 2002, c.69 as that legislation existed on the Date of Submission;

“**FSP**” means this Forest Stewardship Plan, including all tables, appendices and attachments;

“**FSP Map**” means the attached Maps - Forest Stewardship Plan covering the Chilliwack Forest District;

“**GAR**” means the Government Action Regulation BC Reg. 582/2004, as amended from time to time;

“**GWR**” means Goat Winter Range;

“**License**” means an agreement under the *Forest Act*;

“**Licensee**” means, for each **License**, the holder of that **License**;

“**Notice**” means a notice given to the Plan Holders by the Date of Submission pursuant to Section 7(2) of the FPPR;

“**Old Growth Management Area (OGMA)**” is defined in the Forest Practices Code of British Columbia Act, Operational Planning Regulation as an area established under a higher level plan which contains or is managed to replace structural old growth attributes;

“**Order**” means an order made pursuant to the FPC, FRPA or GAR and the regulations made there under and provided to the Plan Holders by the Date of Submission and referenced in an Objective, or a Result or Strategy in this FSP;

“**Qualified Professional**” means a person who has been deemed as eligible to practice, by a regulating or certifying organization, within their field of expertise;

“**Site Plan**” means a site plan as contemplated in FRPA;

“**Visual Landscape Inventory (VRI)**” means the visual landscape inventory completed by the Ministry of Forests and shown in the Land and Resource Data Warehouse;

“**WHA**” means Wildlife Habitat Area;

“**WTP**” means Wildlife Tree Patch;

“**WTRA**” means Wildlife Tree Retention Area

## **1.2 Ts'elxwéyeqw Forestry Limited Partnership**

Ts'elxwéyeqw Forestry Limited Partnership (hereby referred to as TFLP) is a First Nations owned and controlled organization whose goal is to sustainably manage the natural resources of the Chilliwack River Valley, which is the Ts'elxwéyeqw Tribe's Traditional Territory, for the benefit of its people. The Ts'elxwéyeqw Tribe encompasses 7 bands created by the *Indian Act* and they include the Aitchelitz, Skowkale, Shxwa:y, Soowahlie, Squiala, Tzeachten, and Yakweakwioose. Each of these communities can be found in the immediate vicinity of Chilliwack, British Columbia.

The vision and the mission of TFLP is to represent the seven communities of the Ts'elxwéyeqw Tribe, noted in the Forest Tenure Opportunities Agreement, on forestry issues, and particularly, to explore and facilitate the development of Ts'elxwéyeqw peoples enterprises in the forest sector. The TFLP understands the potential to develop a viable and profitable First Nations owned and controlled forest sector business, which can be vertically integrated from basic resource management and planning through to value added production. This forest tenure agreement has presented the opportunity to provide a wide range of benefits, including employment, and skills transfer/training, as well as business opportunities and economic development for the Ts'elxwéyeqw people, which aligns with Ts'elxwéyeqw Forestry Limited Partnership's strategic vision to allow the Ts'elxwéyeqw people to manage the forest resources within their Traditional Territory.

## **1.3 Forest Stewardship Plan**

As previously described, the Forest Stewardship Plan (FSP) is a requirement under Section 3 of the *Forest and Range Practices Act* (FRPA), which came into effect on January 31, 2004. This FSP has been drafted to be consistent and in accordance with the FRPA, the associated regulatory framework, provincial legislation, federal legislation as well as higher level plans and policy as described by the British Columbia Provincial Government.

The purpose of the FSP is to outline objectives set forth by the Government of British Columbia related to forest management activities proposed on crown lands. The achievement of the objectives, established within the FSP, is measured through results, strategies and/or measures. The intention of the objectives is to identify the strategic issues by describing a desired future condition for a particular resource or resource use, while results, strategies and/or measures describe how the desired outcome will be achieved.

A result is defined in the FPPR as a "description of measurable or verifiable outcomes in respect of a particular established objective, and the situations or circumstances that determine where in a Forest Development Unit the outcomes will be applied." A strategy is defined in the FPPR as a "description of measurable or verifiable steps or practices that will be carried out in respect of a particular established objective, and the situations or circumstances that determine where in a Forest Development Unit the steps or practices will be applied." This FSP, where applicable, embraces and outlines measurable and verifiable results, strategies and/or measures that are compatible with government established forest management and resource objectives.

As per Section 6(1)(a) of the *Forest and Range Practices Act* (FRPA), the Plan Holders are seeking a term of 5 years for this FSP commencing on the date of approval by the Ministry of Forests, Lands and Natural Resource Operations.

### 1.4 Forest Development Units

The Forest Development Units (FDU's) identified within the FSP are described in the FRPA simply as (a) where forest development may occur during the term of the plan, and (b) within which, during the term of the plan, timber to be harvested or roads to be constructed are entirely located. FDU's are the broad geographic locations to which a common set of objectives, results, strategies and/or measures are applicable. The FSP Maps and the Overview Map exhibit and describe the location of the FDU's relevant to the Plan Holders' FSP.

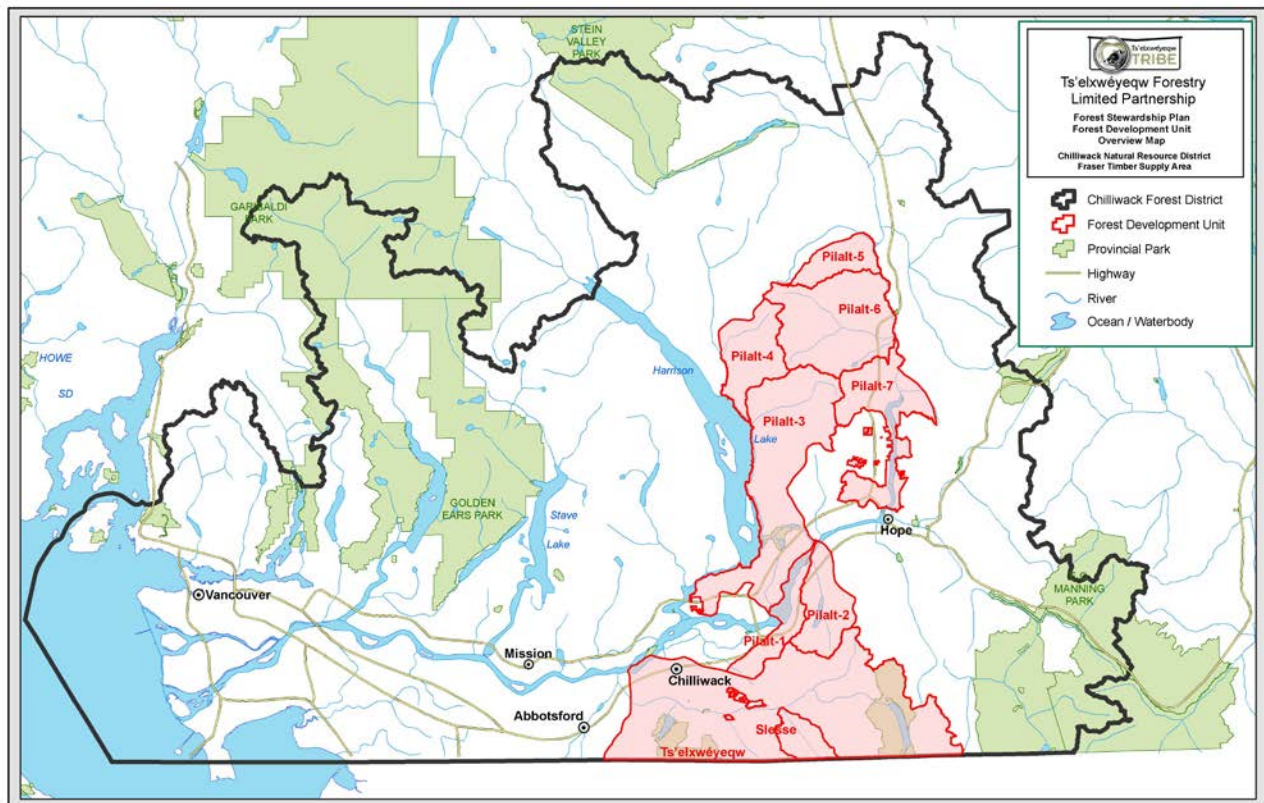


Figure #1. Forest Stewardship Plan Overview Map Outlining the Geographic Location of the Forest Development Units.

### **1.5 Professional Reliance and Accountability**

With the introduction of the *Forest and Range Practices Act* (FRPA), the Government of British Columbia mandated a move away from a regulatory and prescriptive environment to one that supports a results-based regime. This results-based regime involves a greater role for forestry professionals from a variety of disciplines in regards to professional reliance and accountability. The Plan Holders recognize the importance of professional reliance and accountability, and will endeavor to employ qualified professionals, in their respective fields of practice, where applicable and warranted. Although FRPA is silent on the use of professionals, the engagement of the qualified professionals will primarily take place during the preparation of the Site Plan, and supporting assessments, in order to provide a suitable level of due diligence in conducting forestry activities related to NRFL A75807, A81822, A90236 and A90380.

### **1.6 Forest Development Plan (FDP) Blocks and Declared Areas**

NRFL A75807, A81822, A90236 and A90380 do not have a history of forest planning or development in the area under the *Forest Practices Code of British Columbia Act*. No cut blocks, roads or declared areas are described within this FSP.

### **1.7 Site Plans and Standard Units**

As described in Section 10 of the FRPA and Section 34 of the FPPR, the holder of a FSP must prepare a Site Plan in accordance with the prescribed requirements for any cut block and road prior to the commencement of timber harvesting or road construction. The purpose of the Site Plan document is to identify the approximate location of the cut block(s) and road(s), must be consistent with the FSP, FRPA and the regulations, and describe how the results and strategies contained within the FSP apply to the area. The Site Plan must also outline the standard units for the area, the soil disturbance limits and the stocking standards required to establish a free growing stand.

Although approval from government agencies is not required, the Site Plan is the basic operational plan that encompasses and balances all resource features and values. Standard units within the Site Plan indicate areas that generally possess uniformity in ecological characteristics, and result in similar silviculture management through the application of a stocking standard.

### **1.8 Stocking Standards**

Section 16 of the FPPR states the person preparing a FSP must ensure that the plan specifies where and, situations or circumstances, when a stocking standard will be applied. Stocking standards are the standards developed by the Plan Holders and approved by government that facilitate the establishment of a free growing stand, as required under Section 44 of the FPPR, within standard units described in the Site Plan. Therefore, stocking standards act to link the Site Plan to the FSP and set out the legal objectives to be met by the Plan Holders on areas subject to timber harvesting. The situations and the circumstances in which they will be applied are governed by the location of the opening



within a biogeoclimatic zone, subzone, variant and site series. The stocking standards provided in Appendix 2 are applicable to all of the FDU's described in this FSP.

The majority of these stocking standards are intended to address even-aged silviculture systems and forest management activities, while a limited number have been developed and approved to engage in uneven-aged management or the forest management activities listed in Section 44(3)(h) of the FPPR. Should additional situations occur, in which the Plan Holders determine that it is appropriate to engage in uneven-aged management, the Plan Holders will make application and submit for approval a FSP Amendment for a stocking standard that addresses the site specific attributes of the area to which the stocking standard is to apply.

It is the intention of the Plan Holders to apply Section 44 of the FPPR to all situations where a free growing stand is required to be established under this FSP, and not apply Section 45 of the FPPR.

### ***1.9 Cumulative Effect of Multiple and Overlapping Forest Stewardship Plans***

The Plan Holders will endeavor to work proactively and cooperatively with other tenure holders operating with the Forest Development Units described within this document.

### ***1.10 Notice of Review and Comment***

As required under Section 20 and 21 of the FPPR, potentially affected stake holders, interested parties and the general public were made aware that this FSP was available for review and comment through an advertisement placed in the Chilliwack Progress, the Hope Standard and the Agassiz-Harrison Observer. The advertisement provided notice and informed the public that the FSP was made available for review and comment at Chartwell Consultants Ltd.'s office in North Vancouver, BC and Ts'elxwéyeqw Forestry Limited Partnership's office in Chilliwack, BC during normal business hours and on the following website <http://www.ttml.ca/projects/forestry> throughout the required 60 day review period.

Referral letters were also sent out to potentially affected stakeholders and interested parties, including Government Agencies, First Nations, Forest Tenure Holders, Special Interest Groups, Commercial Recreation Groups, Guide Outfitters and Trappers as required under Section 21 of the FPPR. These letters informed the potentially affected stakeholders and interested parties that the FSP was made available for review at Chartwell Consultants Ltd.'s office in North Vancouver, BC and Ts'elxwéyeqw Forestry Limited Partnership's office in Chilliwack, BC during normal business hours and on the following website <http://www.ttml.ca/projects/forestry> throughout the required 60 day review period.

Once received, as per Section 22 of the FPPR, the comments provided by the public, potentially affected stakeholders, First Nations, and Government Agencies, as a result of this review, were considered prior to the preparation of the final submission to the Ministry of Forests, Lands and Natural Resource Operations.

### 1.11 Section 14(3) Orders and Dates

Table 1. Section 14(3) Orders and Dates Applicable to the Forest Development Units identified within the Forest Stewardship Plan.

Type of Designation	FDU Where Order Applies	Date Designated
<b>FPPR s.14(3)(a) Ungulate Winter Range</b>		
Mountain Goat (U-2-001)	Ts'elxwéyeqw, Pilalt-3, Pilalt-4, Pilalt-5, Pilalt-6 & Pilalt-7	March 10, 2008
Mule & Black-Tailed Deer (U-2-006)	Ts'elxwéyeqw, Pilalt-3, Pilalt-4, Pilalt-5, Pilalt-6 & Pilalt-7	September 22, 2009
<b>FPPR s.14(3)(b) Wildlife Habitat Areas</b>		
Mountain Beaver (2-012)	Pilalt-2	September 13, 2001
Pacific (Coastal) Giant Salamander (2-120 to 2-128, 2-130 to 2-138, 2-148 & 2-149)	Ts'elxwéyeqw, Slesse & Pilalt-1	August 24, 2007
Grizzly Bear (2-097, 2-098, 2-105 to 2-107, 2-111, 2-113, 2-116 & 2-372 to 2-380)	Pilalt-3, 4, 6 & 7	September 16, 2010
Grizzly Bear (2-099, 2-100, 2-101, 2-102 & 2-194)	Pilalt-2	March 17, 2005
Grizzly Bear (2-109, 2-112, 2-114, 2-118, 2-119, 2-195, 2-196, 2-197, 2-198, 2-199, 2-201 & 2-203)	Not Applicable	March 17, 2005
Grizzly Bear (2-407 to 2-434)	Pilalt-6	March 8, 2011
Pacific (Coastal) Tailed Frog (2-511 to 2-513)	Not Applicable	April 1, 2014
Pacific Water Shrew (2-140, 2-144 & 2-147)	Ts'elxwéyeqw	August 24, 2007
Tall Bugbane (2-129, 2-139, 2-141 to 2-143, 2-145 & 2-146)	Ts'elxwéyeqw	August 24, 2007
Spotted Owl (2-494 to 2-510)	Ts'elxwéyeqw, Pilalt-1, Pilalt-3, Pilalt-4, Pilalt-6 & Pilalt-7	March 1, 2011
<b>FPPR s.14(3)(c) Fisheries Sensitive Watersheds</b>		
	None Designated	
<b>FPPR s.14 (3)(d) Lakeshore Management Zone</b>		
	None in Effect	
<b>FPPR s.14 (3)(e) Scenic Area</b>		
Visual Areas Defined by District Manager	All	October 1, 1999 October 17, 2005 April 12, 2013
<b>FPPR s.14 (3)(f) Lake Identified as an L1 Lake</b>		
	None Designated	

<b>FPPR s.14 (3)(g) Community Watersheds</b>		
Adams Spring Community Watershed	Ts'elxwéyeqw	May 14, 2004
Ascaphus Community Watershed	Ts'elxwéyeqw	June 15, 1995
Cupola Community Watershed	Ts'elxwéyeqw	June 15, 1995
Edmeston Community Watershed	Ts'elxwéyeqw	June 15, 1995
Fin Community Watershed	Ts'elxwéyeqw	June 15, 1995
Knox Community Watershed	Ts'elxwéyeqw	June 15, 1995
Parent Creek	Ts'elxwéyeqw	May 14, 2004
Southbright Community Watershed	Ts'elxwéyeqw	June 15, 1995
Volkert Community Watershed	Ts'elxwéyeqw	June 15, 1995
Spring Community Watershed	Ts'elxwéyeqw	June 15, 1995
Watt Community Watershed	Ts'elxwéyeqw	June 15, 1995
Wells Community Watershed	Ts'elxwéyeqw	June 15, 1995
Young Creek Community Watershed	Ts'elxwéyeqw	May 14, 2004
Elk Community Watershed	Ts'elxwéyeqw & Pilalt-1	June 15, 1995
Dunville Community Watershed	Pilalt-1	June 15, 1995
Nevin Community Watershed	Pilalt-1	June 15, 1995
Stormy Community Watershed	Pilalt-2	June 15, 1995
Edna Community Watershed	Pilalt-3	June 15, 1995
Sasquatch Community Watershed	Pilalt-3	June 15, 1995
Thunderbird Community Watershed	Pilalt-3	June 15, 1995
Choate Community Watershed	Pilalt-6	June 15, 1995
Inkawthia Community Watershed	Pilalt-6	June 15, 1995
Skeemis Community Watershed	Pilalt-6	June 15, 1995
Pickney Community Watershed	Pilalt-7	June 15, 1995
Schkam Lake Community Watershed	Pilalt-7	May 14, 2004
Yale Community Watershed	Pilalt-7	June 15, 1995
<b>FPPR s.14 (3)(h) Old Growth Management Areas</b>		
Chilliwack Landscape Unit	Ts'elxwéyeqw & Slesse	June 24, 2005
Fraser Valley South Landscape Unit	Ts'elxwéyeqw & Pilalt-1	February 4, 2013
Silverhope Landscape Unit	Pilalt-2	April 14, 2004
East Harrison Landscape Unit	Pilalt-3	June 24, 2005
Big Silver Landscape Unit	Pilalt-4	June 24, 2005
Nahatlatch Landscape Unit	Pilalt-5	January 13, 2004
Spuzzum Landscape Unit	Pilalt-6	January 13, 2004
Yale Landscape Unit	Pilalt-7	April 14, 2004 (Oct.1, 2004)
<b>FPPR s.14 (3)(i) Prohibited Timber Harvesting by Another Enactment</b>		
Yale Designated Area No. 3 (Plan Holders will Continue to Recognize)	Pilalt-7	Expired December 13, 2015
<b>FPPR s.14 (3)(j) Cutting Permit and Road Permit Held by the Agreement Holder</b>		
See Appendix 3	See Appendix 3	See Appendix 3
<b>FPPR s.14 (3)(k) Road Permit or Timber Sales License Granted or Entered into by the Timber Sales Manager (Under This FSP)</b>		
	Not Applicable	

## 2.0 Forest Resource Management Objectives, Results, Strategies and Measures

This section of the FSP outlines the broad forest resource management goals and objectives as described through higher level plans, objectives set by government and objectives in addition to those established by government. In addition to describing the forest management objectives, this section provides a number of results, strategies, measures and/or comments that will be implemented and used to measure and/or verify the successful achievement of the objectives to which they pertain.

### 2.1 Higher Level Plans

Higher level plans are designed to establish the broader, strategic context for operational plans, often providing objectives that determine the combination of forest resources to be managed in a given area. They are a 'higher level' relative to operational plans and are a source of objectives that play an important role in determining the forest practices described in an operational plan.

The Chilliwack Landscape Unit Plan, the Fraser Valley South Landscape Unit Plan, the Silverhope Landscape Unit Plan, the East Harrison Landscape Unit Plan, the Big Silver Landscape Unit Plan, the Nahatlatch Landscape Unit Plan, the Spuzzum Landscape Unit Plan and the Yale Landscape Unit Plan are the higher level plans applicable to NRFL's A75807, A81822, A90236 and A90380 under this Forest Stewardship Plan.

#### 2.1.1 Chilliwack Landscape Unit

Pursuant to Section 4 of the *Forest Practices Code of British Columbia Act*, the objectives that have been established within the Chilliwack Landscape Unit are detailed in the document titled 'Order to Establish a Landscape Unit and Objectives – Chilliwack Landscape Unit'. These objectives were made effective June 24, 2005.

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Ts'elxwéyeqw & Slesse	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Order to Establish a Landscape Unit and Objectives – Chilliwack Landscape Unit' (June 24, 2005), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Objective #1 and Objective #2 where the applicable FDU's overlap the Chilliwack Landscape Unit.

### 2.1.2 Fraser Valley South Landscape Unit

Pursuant to Section 93.4 of the *Land Act*, the objective that has been established within the Fraser Valley South Landscape Unit is detailed in the document titled 'Ministerial Order – Fraser Valley Landscape Unit'. This objective was made effective February 4, 2013.

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Ts'elxwéyeqw & Pilalt-1	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Ministerial Order – Fraser Valley South Landscape Unit' (February 4, 2013), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Part 2 – Objectives Section 4 where the applicable FDU overlaps the Fraser Valley South Landscape Unit.

### 2.1.3 Silverhope Landscape Unit

Pursuant to Section 4 of the *Forest Practices Code of British Columbia Act*, the objectives that have been established within the Silverhope Landscape Unit are detailed in the document titled 'Order to Establish a Landscape Unit and Objectives – Silverhope Landscape Unit'. These objectives were made effective April 14, 2004.

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Pilalt-2	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Order to Establish a Landscape Unit and Objectives – Silverhope Landscape Unit' (April 14, 2004), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Objective #1 and Objective #2 where the applicable FDU overlaps the Silverhope Landscape Unit.

### 2.1.4 East Harrison Landscape Unit

Pursuant to Section 4 of the *Forest Practices Code of British Columbia Act*, the objectives that have been established within the East Harrison Landscape Unit are detailed in the document titled 'Order to Establish a Landscape Unit and Objectives – East Harrison Landscape Unit'. These objectives were made effective June 24, 2005.

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Pilalt-3	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Order to Establish a Landscape Unit and Objectives – East Harrison Landscape Unit' (June 24, 2005), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Objective #1 and Objective #2 where the applicable FDU overlaps the East Harrison Landscape Unit.

### 2.1.5 Big Silver Landscape Unit

Pursuant to Section 4 of the *Forest Practices Code of British Columbia Act*, the objectives that have been established within the Big Silver Landscape Unit are detailed in the document titled 'Order to Establish a Landscape Unit and Objectives – Big Silver Landscape Unit'. These objectives were made effective June 24, 2005.

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Pilalt-4	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Order to Establish a Landscape Unit and Objectives – Big Silver Landscape Unit' (June 24, 2005), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Objective #1 and Objective #2 where the applicable FDU overlaps the Big Silver Landscape Unit.

### 2.1.6 Nahatlatch Landscape Unit

Pursuant to Section 4 of the *Forest Practices Code of British Columbia Act*, the objectives that have been established within the Nahatlatch Landscape Unit are detailed in the document titled 'Order to Establish a Landscape Unit and Objectives – Nahatlatch Landscape Unit'. These objectives were made effective January 13, 2004.

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Pilalt-5	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Order to Establish a Landscape Unit and Objectives – Nahatlatch Landscape Unit' (January 13, 2004), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Objective #1 and Objective #2 where the applicable FDU overlaps the Nahatlatch Landscape Unit.

### 2.1.7 Spuzzum Landscape Unit

Pursuant to Section 4 of the *Forest Practices Code of British Columbia Act*, the objectives that have been established within the Spuzzum Landscape Unit are detailed in the document titled 'Order to Establish a Landscape Unit and Objectives – Spuzzum Landscape Unit'. These objectives were made effective January 13, 2004.

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Pilalt-6	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Order to Establish a Landscape Unit and Objectives – Spuzzum Landscape Unit' (January 13, 2004), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Objective #1 and Objective #2 where the applicable FDU overlaps the Spuzzum Landscape Unit.

### **2.1.8 Yale Landscape Unit**

Pursuant to Section 4 of the *Forest Practices Code of British Columbia Act*, the objectives that have been established within the Yale Landscape Unit are detailed in the document titled 'Order to Establish a Landscape Unit and Objectives – Yale Landscape Unit'. These objectives were made effective April 14, 2004 (Varied on October 1, 2004).

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
Pilalt-7	In accordance with Section 25.1 (2) of the FPPR and in respect of the 'Order to Establish a Landscape Unit and Objectives – Yale Landscape Unit' (April 14, 2004 and Varied on October 1, 2004), the Plan Holders will manage landscape level biological diversity and stand level structural diversity in accordance with Objective #1 and Objective #2 where the applicable FDU overlaps the Yale Landscape Unit.

### **2.2 Objectives Set by Government**

Section 149 (1) of the FRPA describes objectives set by government with respect to forest management activities on crown lands. Specifically, this section states “The Lieutenant Governor in Council may make regulations prescribing objectives in relation to one or more of the following subjects: (a) soils; (b) visual quality; (c) timber; (d) forage and associated plant communities; (e) water; (f) fish; (g) wildlife; (h) biodiversity; (i) recreation resources; (j) resource features and (k) cultural heritage resources”.

The following sections of this FSP detail the objectives set by government with specific reference to those described in the FPPR, as well as specify, where applicable, the associated results and/or strategies.

### 2.2.1 Soils

**Objective:** Section 5 of the FPPR – Objectives Set by Government for Soils  
 “The objective set by government for soils is, without unduly reducing the supply of timber from British Columbia’s forests, to conserve the productivity and the hydrologic function of soils.”

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
All	<p>In accordance with Section 12.1 (1) of the FPPR, “A person required to prepare a forest stewardship plan is exempt for that plan from the requirement under Section 5 of the Act that the plan specify intended results and strategies in relation to the objective for soils set out in Section 5 of this regulation if the person (a) prepares the plan, including in it an undertaking that the person will comply with Sections 35 and 36 of this regulation, during the term of the plan, and (b) receives the minister’s approval to the plan.”.</p> <p>The Plan Holders will adopt Sections 35 (Soil Disturbance Limits) and 36 (Permanent Access Structure Limits) of the FPPR during the term of the plan, as they existed in Legislation on the Date of Submission.</p>

### 2.2.2 Timber

**Objective:** Section 6 of the FPPR – Objectives Set by Government for Timber  
 “The objectives set by government for timber are to (a) maintain or enhance an economically valuable supply of commercial timber from British Columbia’s forests, (b) ensure that delivered wood costs, generally, after taking into account the effect on them of the relevant provisions of this regulation and of the Act, are competitive in relation to equivalent costs in relation to regulated primary forest activities in other jurisdictions, and (c) ensure that the provisions of this regulation and of the Act that pertain to primary forest activities do not unduly constrain the ability of a holder of an agreement under the *Forest Act* to exercise the holder’s rights under the agreement.”

<b>Applicable Forest Development Unit(s)</b>	<b>Comment</b>
All	<p>In accordance with Section 12(8) of the FPPR, “A person who is required to prepare a forest stewardship plan is exempt from the requirement to prepare results or strategies for an objective set by government for timber.”</p>



### 2.2.3 Wildlife

- Objective:** Section 7 of the FPPR – Objectives Set by Government for Wildlife
- (1) “The objective set by government for wildlife is, without unduly reducing the supply of timber from British Columbia’s forests, 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.”
  - (2) “A person required to prepare a forest stewardship plan must specify a result or 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 indicators of the amount, distribution and attributes of wildlife habitat described in subsection (1).”
  - (3) “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, a general wildlife measure, or a wildlife habitat feature, the minister responsible for the *Wildlife Act* must exempt a person from the 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.”
  - (4) “On or after December 31, 2004, a notice described in subsection (2) must be given at least 4 months before the forest stewardship plan is submitted for approval.”

Applicable Forest Development Unit(s)	Strategy or Comment
All	<p>On December 21, 2004, a Notice - Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Species at Risk in the Chilliwack Forest District, and a Notice - Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Winter Survival of Ungulate Species in the Fraser Timber Supply Area were issued.</p> <p>In accordance with 7(2) of the FPPR, the following results, strategies or comments have been developed to address the wildlife species identified in Section 7(1) of the FPPR.</p> <p><b>Survival of Species at Risk</b></p> <p>Refer to the FSP Map(s) for the location of the applicable Wildlife Habitat Areas.</p> <p><b>1) Pacific Giant Salamander (<i>Dicamptodon tenebrosus</i>) – Comment</b></p> <p>In respect of the Order – Wildlife Habitat Areas #2-120 to #2-128, #2-130 to #2-138, #2-148 and #2-149 Pacific Giant Salamander – Chilliwack Forest District (August 24, 2007) under the authority of Sections 9(2) and 10(1) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p>

Applicable Forest Development Unit(s)	Strategy or Comment
	<ul style="list-style-type: none"> <li>• Manage the Pacific Giant Salamander Wildlife Habitat Areas, as spatially identified on the Schedule A Map(s) and/or the Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Order.</li> </ul> <p><b>2) Grizzly Bear (<i>Ursus arctos</i>) – Comment</b></p> <p>In respect of the Order – Wildlife Habitat Areas #2-099, 2-100, 2-101, 2-102 &amp; 2-194 (March 17, 2005), the Order – Wildlife Habitat Areas #2-109, 2-112, 2-114, 2-118, 2-119, 2-195, 2-196, 2-197, 2-198, 2-199, 2-201, 2-202 &amp; 2-203 (March 17, 2005), the Order – Wildlife Habitat Areas #2-097, 2-098, 2-105 to 2-107, 2-111, 2-113, 2-116 and 2-372 to 2-380 Grizzly Bear – Chilliwack Forest District (September 16, 2010) and the Order – Wildlife Habitat Areas #2-407 to 2-434 Grizzly Bear – Chilliwack Forest District (March 8, 2011) under the authority of Sections 9(2) and 10(1) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Manage the Grizzly Bear Wildlife Habitat Areas, as spatially identified on the Schedule A Map(s) and/or the Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Orders.</li> </ul> <p><b>3) Pacific Water Shrew (<i>Sorex bendirii</i>) – Strategy</b></p> <p>In respect of the Notice – Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Species at Risk in the Chilliwack Forest District (August 3, 2007) for the Pacific Water Shrew, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Manage the applicable approved Wildlife Habitat Areas, as spatially identified on the Schedule A Map(s) and/or the Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Order – Wildlife Habitat Areas #2-140, #2-144 and #2-147 Pacific Water Shrew – Chilliwack Forest District (August 24, 2007).</li> <li>• During the planning phase and in cooperation with the Ministry of Forests, Lands and Natural Resource Operations, conserve sufficient wildlife habitat, to meet the requirements of the Notice, in an area and/or assist in the establishment or approval of proposed or additional Wildlife Habitat Areas (WHA's) for the Pacific Water Shrew under the following circumstances: <ul style="list-style-type: none"> <li>○ The Pacific Water Shrew is known to inhabit the area,</li> <li>○ The area contains habitat that is consistent with the 'Accounts and Measures for Managing Identified Wildlife – Coast Forest Region' for the Pacific Water Shrew and the Notice,</li> <li>○ The Notice remains in effect, and</li> <li>○ The amount of habitat described and required in the Notice has not been met to date.</li> </ul> </li> </ul>

Applicable Forest Development Unit(s)	Strategy or Comment
	<p><b>4) Tall Bugbane (<i>Actaea elata</i>) – Comment &amp; Strategy</b></p> <p>In respect of the Order – Wildlife Habitat Areas #2-129, #2-139, #2-141 to #2-143, #2-145 and #2-146 Tall Bugbane – Chilliwack Forest District (August 24, 2007) under the authority of Sections 9(2) and 10(1) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Manage the Tall Bugbane Wildlife Habitat Areas, as spatially identified on the Schedule A Map(s) and/or the Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Order.</li> <li>• Manage an individual or a population of Tall Bugbane plants that are located external to an approved Wildlife Habitat Area by employing the management strategies outlined in the report titled ‘Review of Management Strategies and Stewardship Measures for Tall Bugbane’. This document is dated March 25, 2009 and was prepared by a Registered Professional Biologist at Keystone Wildlife Research Ltd.</li> </ul> <p><b>5) Pacific Tailed Frog (<i>Ascaphus truei</i>) – Comment</b></p> <p>In respect of the Order – Wildlife Habitat Areas #2-511 to #2-513 (April 1, 2014) under the authority of Sections 9(2) and 10(1) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Manage the Pacific Tailed Frog Wildlife Habitat Areas, as spatially identified on the Schedule A Map(s) and/or the Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Order.</li> <li>• There are no approved Pacific Tailed Frog WHA’s located within the FDU’s identified under this FSP.</li> </ul> <p><b>6) Spotted Owl (<i>Strix occidentalis</i>) – Comment</b></p> <p>In respect of the Order – Wildlife Habitat Areas #2-494 to #2-510 (March 1, 2011) under the authority of Sections 9(2) and 10(1) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Manage the Spotted Owl Wildlife Habitat Areas, as spatially identified on the Schedule A Map and/or the Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Order.</li> </ul>

<b>Applicable Forest Development Unit(s)</b>	<b>Strategy or Comment</b>
	<p><b>Survival of Regionally Important Wildlife</b></p> <p>The Minister responsible for the <i>Wildlife Act</i> has not identified regionally important wildlife within the Forest Development Units outlined in this Forest Stewardship Plan; therefore, no results or strategies are provided.</p> <p><b>Winter Survival of Specified Ungulate Species</b></p> <p>Refer to the FSP Map(s) for the location of applicable Ungulate Winter Ranges.</p> <p><b>1) Mountain Goat (<i>Oreamnos americanus</i>) – Comment</b></p> <p>In respect of the Order – Ungulate Winter Range #U-2-001 Fraser TSA Mountain Goat (March 10, 2008) under the authority of Sections 9(1), 9(2) and 12(1) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Manage Goat Winter Ranges (GWR), as spatially identified on the Schedule A Map(s) and/or Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Order.</li> </ul> <p><b>2) Black-Tailed Deer &amp; Mule Deer (<i>Odocoileus hemionus sp.</i>) – Comment</b></p> <p>In respect of the Order – Ungulate Winter Range #U-2-006 (September 22, 2009) under the authority of Sections 9(1), 9(2) and 12(1) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Manage Deer Winter Ranges (DWR), as spatially identified on the Schedule A Map(s) and/or Forest Stewardship Plan Map(s), in accordance with Schedule #1 (General Wildlife Measures) as described in the Order.</li> </ul>

## 2.2.4 Water, Fish, Wildlife and Biodiversity within Riparian Areas

**Objective:** Section 8 of the FPPR – Objectives Set by Government for Water, Fish, Wildlife and Biodiversity within Riparian Areas  
 “The 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>Applicable Forest Development Unit(s)</b>	<b>Result</b>																						
All	<p>In accordance with Section 12.1 (2) of the FPPR, “A person required to prepare a forest stewardship plan is exempt for that plan from the requirement under Section 5 of the Act that the plan specify intended results and strategies in relation to the objective for water, fish, wildlife and biodiversity set out in Section 8 of this regulation if the person (a) prepares the plan, including in it an undertaking that the person will comply with Sections 47 to 51, 52(2) and 53 of this regulation, during the term of the plan, and (b) receives the minister’s approval to the plan.”</p> <p>The Plan Holders will adopt Sections 47 (Stream Riparian Classes), 48 (Wetland Riparian Classes), 49 (Lake Riparian Classes), 50 (Restrictions in a Riparian Management Area), 51 (Restrictions in a Riparian Reserve Zone), 52(2) (Restrictions in a Riparian Management Zone) and 53 (Temperature Sensitive Streams) of the FPPR during the term of the plan, as they existed in Legislation on the Date of Submission.</p> <p>In accordance with Section 12 (3) of the FPPR, “A person who prepares a forest stewardship plan must specify in it, for the objective set out in Section 8, a result or strategy that addresses retention of trees in a riparian management zone.”</p> <table border="1"> <thead> <tr> <th><b>Column #1 Riparian Classification</b></th> <th><b>Column #2 Gross Basal Area (m<sup>2</sup>/ha) to be Retained within Riparian Management Zone (%)</b></th> </tr> </thead> <tbody> <tr> <td>S1-A</td> <td>≥ 20%</td> </tr> <tr> <td>S1-B</td> <td>≥ 20%</td> </tr> <tr> <td>S2</td> <td>≥ 20%</td> </tr> <tr> <td>S3</td> <td>≥ 20%</td> </tr> <tr> <td>S4</td> <td>≥ 10%</td> </tr> <tr> <td>S5 (Valley Bottom)</td> <td>≥ 10%</td> </tr> <tr> <td>S5 (Non-Valley Bottom)</td> <td>≥ 0%</td> </tr> <tr> <td>S6</td> <td>≥ 0%</td> </tr> <tr> <td>All Wetland Classifications</td> <td>≥ 10%</td> </tr> <tr> <td>All Lake Classifications</td> <td>≥ 10%</td> </tr> </tbody> </table>	<b>Column #1 Riparian Classification</b>	<b>Column #2 Gross Basal Area (m<sup>2</sup>/ha) to be Retained within Riparian Management Zone (%)</b>	S1-A	≥ 20%	S1-B	≥ 20%	S2	≥ 20%	S3	≥ 20%	S4	≥ 10%	S5 (Valley Bottom)	≥ 10%	S5 (Non-Valley Bottom)	≥ 0%	S6	≥ 0%	All Wetland Classifications	≥ 10%	All Lake Classifications	≥ 10%
<b>Column #1 Riparian Classification</b>	<b>Column #2 Gross Basal Area (m<sup>2</sup>/ha) to be Retained within Riparian Management Zone (%)</b>																						
S1-A	≥ 20%																						
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All Lake Classifications	≥ 10%																						

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
	<p>In respect of Sections 8 and 12(3) of the FPPR, to address the retention of trees in a riparian management zone, the Plan Holders will, in preparation of the Site Plan:</p> <ul style="list-style-type: none"> <li>• Engage in forest practices as well as engineer cutblocks and roads in a manner that is consistent with the basal area retention levels described in Column #2 as per the associated stream classifications described in Column #1.</li> <li>• Determine and provide, through recommendations offered by qualified professional, the amount and distribution of gross basal area retention levels described in Column #2 with specific regard to: <ul style="list-style-type: none"> <li>○ The need to buffer the riparian feature from the introduction of materials that are deleterious to water quality or fish habitat,</li> <li>○ The role played by trees and understory vegetation in conserving water quality, fish habitat, wildlife habitat and biodiversity,</li> <li>○ The role of the riparian management zone in maintaining stream bank and stream channel integrity and normally functioning drainage processes,</li> <li>○ The relative importance and sensitivity of the riparian feature/class in conserving water quality, fish habitat, wildlife habitat and biodiversity,</li> <li>○ The type, timing or intensity of forest practices that are proposed,</li> <li>○ The species composition and physical structure of the riparian management zone as it was prior to timber harvesting,</li> <li>○ The potential safety hazards,</li> <li>○ The role of the riparian management zone, where applicable, in maintaining the integrity of the associated riparian reserve zone,</li> <li>○ The risk as determined by a windthrow hazard assessment,</li> <li>○ The risk, where applicable, as determined by a terrain stability field assessment, and</li> <li>○ The role of forest shading in controlling an increase in temperature within a temperature sensitive stream, if the increase might have a deleterious effect on fish or fish habitat.</li> <li>○ The risk of potential windthrow to ensure the identified basal area retention will have an acceptable exposure to damaging wind events.</li> </ul> </li> <li>• Where determined and provided through the recommendations based on the criteria outlined above, retain a portion of the gross basal area based on the pre-harvest stand structure and distribution, including coniferous and deciduous vegetation, with consideration given to specific stand attributes, understory vegetation (consistent with applicable stocking standards), large wildlife trees and coarse woody debris.</li> </ul>

## 2.2.5 Fish Habitat in Fisheries Sensitive Watersheds

- Objective:** Section 8.1 of the FPPR – Objectives Set by Government for Fish Habitat in Fisheries Sensitive Watersheds
- (1) “In this Section, “fisheries sensitive watershed” means an area identified in Schedule 2 of this regulation (a) that is continued under Section 180(f) of the Act and significant watershed sensitivity continued under Section 180(g) of the Act, and (b) for which there is no fisheries sensitive watershed objective.”
  - (2) “Until December 31, 2005 the objective set by government for fish habitat in fisheries sensitive watersheds is to prevent to the extent described in Subsection (3) the cumulative hydrological effects of primary forest activities in the fisheries sensitive watershed resulting in a material adverse impact on the habitat of the fish species for which the fisheries sensitive watershed was established.”
  - (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.”

<b>Applicable Forest Development Unit(s)</b>	<b>Comment</b>
All	<p>Section 8.1(4) of the FPPR states “if satisfied that the objective set out in Subsection 2 is not required to provide special management, the minister responsible for the <i>Wildlife Act</i> must exempt a person from the requirement to specify a result or strategy in relation to the objective”.</p> <p>Considering that no fisheries sensitive watersheds are identified in Schedule 2 of the FPPR within the Chilliwack Natural Resource District, no results and/or strategies are required to meet the objective set by government for fish habitat in fisheries sensitive watersheds.</p>

## 2.2.6 Water in a Community Watershed

**Objective:** Section 8.2 of the FPPR – Objectives Set by Government for Water in Community Watersheds

- (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 flow of the water from the waterworks, or (b) the water from the waterworks having a material adverse impact of human health that cannot be addressed by water treatment required under (i) an enactment, or (ii) the license 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.”

Applicable Forest Development Unit(s)	Strategy
<p>Ts’elxwéyeqw Pilalt-1 Pilalt-2 Pilalt-3 Pilalt-6 Pilalt-7</p>	<p>The following Community Watersheds are applicable to this FSP: Adams Spring, Ascaphus, Cupola, Edmeston, Fin, Knox, Parent Creek, Southbright, Spring, Volkert, Watt, Wells, Young Creek, Dunville, Elk, Nevin, Stormy, Edna, Sasquatch, Thunderbird, Choate, Inkawthia, Skeemis, Pickney, Schkam Lake and Yale.</p> <p>In order to meet the objective described in Section 8.2(2) of the FPPR, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• In conjunction with other potentially affected forest agreement holders, and preceding the commencement of primary forest activities, engage a qualified professional to conduct a Watershed Assessment (WA) for the community watershed in which the activities are proposed. Through the employment of a qualified professional(s), the assessment will be prepared to address the objectives described in Section 8.2(2) of the FPPR by assessing the equivalent clearcut area (ECA), road densities, terrain</li> </ul>



<b>Applicable Forest Development Unit(s)</b>	<b>Strategy</b>
	<p>stability and general stream morphology and function. Subsequent assessments will be conducted at least once every 5 years, unless no primary forest activities have occurred or are proposed to occur in the community watershed(s) during that period.</p> <ul style="list-style-type: none"> <li>• Ensure that planned primary forest activities are designed and implemented to be consistent with the results and recommendations in the Watershed Assessment.</li> </ul>

**2.2.7 Wildlife and Biodiversity – Landscape Level**

*Objective:* Section 9 of the FPPR – Objectives Set by Government for Wildlife and Biodiversity – Landscape Level  
 “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 forests 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 disturbance that occur within the landscape.”

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
All	<p>In accordance with Section 12.1 (3) of the FPPR, “A person required to prepare a forest stewardship plan is exempt for that plan from the requirement under Section 5 of the Act that the plan specify intended results and strategies in relation to the objective for biodiversity at the landscape level set out in Section 9 of this regulation if the person (a) prepares the plan, including in it an undertaking that the person will comply with Sections 64 and 65 of this regulation, during the term of the plan, and (b) receives the minister’s approval to the plan.”</p> <p>The Plan Holders will adopt Sections 64 (Maximum Cutblock Size) and 65 (Harvesting Adjacent to Another Cutblock) of the FPPR during the term of the plan, as they existed in Legislation on the Date of Submission.</p>

### 2.2.8 Wildlife and Biodiversity – Stand Level

**Objective:** Section 9.1 of the FPPR – Objectives Set by Government for Wildlife and Biodiversity – Stand Level  
 “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 forests, to retain wildlife trees.”

Applicable Forest Development Unit(s)	Strategy
All	<p>In accordance with Section 12.1 (4) of the FPPR, “A person required to prepare a forest stewardship plan is exempt for that plan from the requirement under Section 5 of the Act that the plan specify intended results and strategies in relation to the objective for biodiversity at the stand level set out in Section 9.1 of this regulation if the person (a) prepares the plan, including in it an undertaking that the person will comply with Sections 66 and 67 of this regulation, during the term of the plan, and (b) receives the minister’s approval to the plan.”</p> <p>The Plan Holders will maintain stand level structural diversity by retaining WTP or WTRA in accordance with Objective #2 of the Order to Establish a Landscape Unit and Objectives – Chilliwack, Silverhope, East Harrison, Big Silver, Nahatlatch, Spuzzum and Yale Landscape Units, which addresses the requirements outlined in Section 66 (Wildlife Tree Retention) of the FPPR.</p> <p>The Plan Holders will maintain stand level structural diversity by retaining WTP or WTRA in accordance with Section 66 (Wildlife Tree Retention) of the FPPR within the Fraser Valley South Landscape Unit.</p> <p>The Plan Holders will comply with Section 67 (Restrictions on Harvesting) of the FPPR during the term of the plan, as they existed in Legislation on the Date of Submission.</p>

### 2.2.9 Visual Quality

**Objective:** Section 9.2 of the FPPR – Objectives Set by Government for Visual Quality  
 (1) “In this section: “scenic area” means an area of land established as a scenic area under the *Forest Practices Code of British Columbia Act* on or before October 24, 2002 and continued as a scenic area under Section 180 of the Act; “visual sensitivity class” means a visual sensitivity class established on or before October 24, 2002, particulars of which are publicly available in the Land and Resource Data Warehouse maintained by the minister responsible for the *Land Act*.”

- (2) “The objective set by government in relation to visual quality for a scenic area, that (a) was established on or before October 24, 2002, and (b) for which there is no visual quality objective is to ensure that the altered forest landscapes for the scenic area (c) in visual sensitivity class 1 is in either the preservation or retention category, (d) in visual sensitivity class 2 is in either the retention or partial retention category, (e) in visual sensitivity class 3 is in either the partial retention or modification category, (f) in visual sensitivity class 4 is in either the partial retention or modification category, and (g) in visual sensitivity class 5 is in either the modification or maximum modification category.”

<b>Applicable Forest Development Unit(s)</b>	<b>Result</b>
All	<p>A result and/or strategy to address Section 9.2(2) of the FPPR is not required as visual quality objectives have been continued and established by means of Section 7 and 17 of the <i>Government Actions Regulation</i> (GAR).</p> <p>Section 7 of the GAR states: “(1) The minister responsible for the <i>Land Act</i> by order may establish an area as a scenic area if satisfied that the area (a) is visually important based on its physical characteristics and public use, and (b) required special management that has not otherwise been provided for by this regulation or another enactment, and (2) The minister responsible for the <i>Forest Act</i> by order may establish for a scenic area visual quality objectives that are consistent with subsection (1) and are within the categories of altered forest landscape prescribed under section 1.1 of the <i>Forest Planning and Practices Regulation</i>.”</p> <p>Section 17 of the GAR states: “A visual quality class for a scenic area is continued under this regulation as a visual quality objective if (a) the visual quality class has been (i) set out before October 24, 2002 in a letter from the District Manager to the holder of an agreement under the <i>Forest Act</i>, or (ii) included in the most recent tree farm license visual landscape inventory prepared by the holder of a tree farm license and approved by the regional manager, and (b) is in existence on the coming into force of this section.”</p> <p>The Plan Holders will design timber harvesting and road construction activities in a manner that is consistent with the established visual quality objectives that are in effect on the Legislated Planning Date and applicable to the Scenic Areas in which the timber harvesting or road construction activities are located.</p> <p>The Plan Holders will harvest timber and construct road in a manner consistent with the design and the visual quality objective referred to in the previous paragraph.</p> <p>For the purposes of designing timber harvesting and road construction activities:</p> <ul style="list-style-type: none"> <li>• Dead or damaged stands are considered to have the same visual quality as though they were unaltered, and</li> <li>• Powerlines and/or utility corridors are not considered to impact visual quality.</li> </ul>

## 2.2.10 Cultural Heritage Resources

**Objective:** Section 10 of the FPPR – Objectives Set by Government for Cultural Heritage Resources  
 “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*.”

<b>Applicable Forest Development Unit(s)</b>	<b>Strategy</b>
All	<p>Within the Forest Development Units described within this FSP, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Ensure that a primary forest activity to which this FSP applies will not cause a cultural heritage resource that is:               <ul style="list-style-type: none"> <li>○ referred to in Section 10 of FPPR, as it was on the Date of Submission;</li> <li>○ likely to be adversely impacted by that primary forest activity;</li> <li>○ not conserved or protected through:                   <ul style="list-style-type: none"> <li>▪ legislation, plans or policies; or</li> <li>▪ other means or arrangements, developed or accepted through information sharing with an Aboriginal People; and</li> </ul> </li> <li>○ important, valuable and scarce in the context of a traditional use by an Aboriginal People, based on input from an Aboriginal People.</li> </ul> <p>to become unavailable for its continuing extent of use by an Aboriginal People up to the historical extent of its traditional use by that Aboriginal People, unless it is confirmed by provincial government agencies in consultation with that Aboriginal People that it is not necessary to conserve or protect the cultural heritage resource; and</p> <ul style="list-style-type: none"> <li>• Share information with Aboriginal People regarding primary forest activities to which this FSP applies that are proposed within the asserted traditional territory of that Aboriginal People and are likely to affect that Aboriginal People:               <ul style="list-style-type: none"> <li>○ according to established agreements made by provincial government agencies with an Aboriginal People for information sharing in respect of timelines and content of information provided; or</li> <li>○ as determined by a qualified professional based on those factors in FPPR Schedule 1, Section 4 where no agreements made by government with an Aboriginal People are in place.</li> </ul> </li> </ul> </li></ul>

<b>Applicable Forest Development Unit(s)</b>	<b>Strategy</b>
	<ul style="list-style-type: none"> <li>• Establish a communications protocol agreement in writing, if requested by an Aboriginal People and if established, follow that agreement, in which case subparagraph (b)(i) and (ii) will not apply in respect of that Aboriginal People.</li> <li>• Where practicable, develop and implement mutually agreed upon management strategies for Cultural Heritage Resources based on information provided by an Aboriginal People with the Aboriginal People likely affected by management strategies.</li> <li>• At the request of an Aboriginal People, establish a protocol agreement with that Aboriginal People for identifying a current and/or future supply of western red cedar and cypress trees suitable for traditional use and not cause, as a result of primary forestry activities, this supply to become unavailable for their continuing extent of use by an Aboriginal People up to the extent of historical use.</li> </ul>

### **2.3 Objectives in Addition to Those Set by Government**

There are additional objectives that require the preparation of results and/or strategies described in the *Forest Planning and Practices Regulation* that are not included in Section 149(1) of the *Forest and Range Practices Act* or Sections 5 through 10 of the *Forest Planning and Practices Regulation*. As previously mentioned, these sections specify the objectives set by government with regard to forest management and development activities on crown lands. The following sections of this FSP detail the objectives not established by government, but those that still require the drafting of appropriate results, strategies and/or measures.

#### **2.3.1 Prevention of the Introduction & Spread of Invasive Plants**

**Objective:** Section 17 of the FPPR – Invasive Plants  
 “For the purpose of Section 47 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.”

<b>Applicable Forest Development Unit(s)</b>	<b>Measure</b>
All	<p>In respect of the objective, invasive plant species are those identified in Section 2 of the <i>Invasive Plants Regulation</i>.</p> <p>The measures to prevent the introduction and spread of invasive plants to be undertaken by the Plan Holders are as follows:</p> <ul style="list-style-type: none"> <li>• Use a qualified professional to monitor the presence and spread of invasive plant species while conducting field related forest management activities within cutblocks and roads that are subject to a permit held by the Plan Holders within the FDU's identified in the FSP.</li> <li>• Record any observed occurrences of invasive plant species and annually report their presence through the Invasive Alien Plan Program (IAPP) Application.</li> <li>• 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: <ul style="list-style-type: none"> <li>○ Biogeoclimatic ecosystem;</li> <li>○ Proximity to parks or protected areas;</li> <li>○ Proximity to WHA's;</li> <li>○ Proximity to identified First Nations plant use areas;</li> <li>○ Proximity to riparian areas;</li> <li>○ Proximity to town centers;</li> <li>○ Invasive plant species dispersal and reproduction mechanisms; and</li> <li>○ Invasive plant species annual dispersal/spread rate.</li> </ul> </li> <li>• Where re-vegetation is prescribed, re-vegetate the disturbed area within two years of disturbance and within the growing season, with the exclusion of the road surface of active roads, if: <ul style="list-style-type: none"> <li>○ Such disturbance is likely to result in the introduction or spread of invasive plants species identified with the area; and</li> <li>○ Such re-vegetation will materially reduce the likelihood or the spread of invasive plant species identified in the area.</li> </ul> </li> <li>• Use seed to re-vegetate disturbed areas that will meet or exceed the Common #1 Forage mixture.</li> <li>• Monitor the re-vegetated areas as prescribed by a qualified professional.</li> </ul>

### 2.3.2 Mitigating the Effect of Removing or Rendering Ineffective Natural Range Barriers

**Objective:** Section 18 of the FPPR – Natural Range Barriers  
 “For the purpose of Section 48 of the Act, a person who prepares a forest stewardship plan must specify measures to mitigate the effect of removing or rendering ineffective natural range barriers.”

<b>Applicable Forest Development Unit(s)</b>	<b>Measure</b>
Ts’elxwéyeqw	<p>In respect of the objective, the measures to mitigate of the effect of removing or rendering ineffective natural range barriers to be undertaken by the Plan Holders are as follows:</p> <ul style="list-style-type: none"> <li>• Gather information from the Ministry of Forests, Lands and Natural Resource Operations district range staff or regional experts to identify areas within Forest Development Units that are subject to or adjacent to range tenures under the <i>Range Act</i>.</li> <li>• Prior to commencement, inform affected range tenure holders of planned primary forest activities within or immediately adjacent to their range tenure.</li> <li>• Where the affected range tenure holder communicates that the primary forest activity will remove or render ineffective a natural range barrier, the Plan Holders will carry out reasonable and mutually agreed upon measures, within an agreed upon time, to mitigate the effect of removing or rendering ineffective a natural range barrier.</li> </ul>

### 2.3.3 Recreation Resources and Features

Section 56 of the FRPA enables the minister to order the establishment of crown land as an interpretive forest site, a recreation site or a recreation trail.

<b>Applicable Forest Development Unit(s)</b>	<b>Strategy</b>
Ts’elxwéyeqw & Slesse	<p>Under the authority of Section 56 of the <i>Forest and Range Practices Act</i>, the Regional Manager for the Coast Recreation Region established objectives on October 10, 2012 for the following Recreation Trails: Baby Munday Trail, Elk-Thurston Trail, Ford Mountain Trail, Ling Lake Trail, Mount Cheam Trail, Mount McGuire Trail, Mount Rexford Trail, Pierce Lake Trail, Slesse Memorial Trail, Slesse Mountain Trail, Vedder Mountain Trail, Williams Peak Trail and Williamson Lake Trail.</p> <p>In respect of the established objectives for these trails, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Maintain the unique recreation experience of hiking through a forested and sub-alpine setting by:</li> </ul>

<b>Applicable Forest Development Unit(s)</b>	<b>Strategy</b>
	<ul style="list-style-type: none"> <li>○ Ensuring primary forest activities are designed to follow the targets/actions described in the 'Guidance Document for Established Trails with Legal Objectives in the Chilliwack River Valley' as provided by the Chilliwack Natural Resource District Recreation Officer.</li> <li>○ Obtaining recommendations from the Chilliwack Natural Resource District Recreation Officer, should primary forest activities vary from the targets/actions as described in the 'Guidance Document for Established Trails with Legal Objectives in the Chilliwack River Valley', prior to seeking approval from a Delegated Decision Maker.</li> </ul> <ul style="list-style-type: none"> <li>● Avoid building access structures over the established recreation trail unless no other practicable alternative exists.</li> <li>● Maintain any new access structures in a manner that makes the best effort to prevent all motorized vehicles from accessing the trail by potentially employing one or more of the following options: <ul style="list-style-type: none"> <li>○ Establish a gate on the access road to prevent motorized vehicle access.</li> <li>○ Excavate/deactivate the road prism to the extent that a motorized vehicle is unable to pass.</li> <li>○ Place large, unmovable boulders on the access road to prevent motorized vehicle access.</li> <li>○ In combination with one of the above options, establish deep ditchline(s) to further prevent motorized vehicle access.</li> </ul> </li> </ul>
Pilalt-1 to Pilalt-7	There are no known designated recreation trails, recreation sites or interpretive forests, recognized under the FPC and continued under the FRPA, with established objectives and/or measures within the Pilalt-1 to Pilalt-7 Forest Development Units; therefore, no results and/or strategies are proposed to address the objective related to designated recreation sites, recreation trails and interpretive forests.

### 2.3.4 Resource Features

**Objective:** Section 70(1) of the FPPR – Resource Features  
 “An authorized person who carries out a primary forest activity must ensure that the primary forest activity does not damage or render ineffective a resource feature.”

<b>Applicable Forest Development Unit(s)</b>	<b>Comment</b>
Ts'elxwéyeqw, Slesse, Pilalt-1 & Pilalt-2	<p>Section 1 of the FPPR states a resource feature means “a resource feature identified under the <i>Government Actions Regulation</i>”.</p> <p>In respect of the Order to Identify Karst Resource Features in the Chilliwack Forest District pursuant to Section 5 of the <i>Government Actions Regulation</i>, the Plan Holders will:</p>

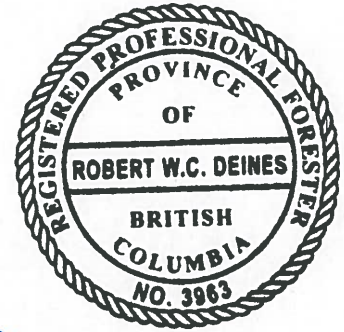


<b>Applicable Forest Development Unit(s)</b>	<b>Comment</b>
	<ul style="list-style-type: none"> <li>• Preceding the commencement of primary forest activities within the 'Karst GAR Order Area', engage a qualified professional to conduct an assessment related to karst caves, the important features and elements within very high or high vulnerability karst terrain and significant karst features.</li> <li>• Manage any area known or found to contain karst resource features as recommended in the assessment prepared by a qualified professional.</li> <li>• Provide information related to karst resources features encountered at the request of the applicable government agency.</li> </ul>
Pilalt-3	<p>Section 1 of the FPPR states a resource feature means “a resource feature identified under the <i>Government Actions Regulation</i>”.</p> <p>In respect of the Order to Identify a Cultural Heritage Resource Feature on Mt. Woodside (Kweh-Kwuch-Hum) for the Chilliwack Forest District pursuant to Section 5(1)(e) of the <i>Government Actions Regulation</i>, the Plan Holders will:</p> <ul style="list-style-type: none"> <li>• Not engage in primary forest activities within the 'Kweh-Kwuch-Hum GAR Order Area' on Mt Woodside during the term of the plan.</li> </ul>

**3.0 Signatures**

**Signature of Person Preparing the Plan:**

Rob Deines, RPF  
Chartwell Consultants Ltd.  
#210 – 275 Fell Avenue  
North Vancouver, BC  
V7P 3R5



Name:   
Rob Deines, RPF

Date: May 23, 2017


**Signature of Licensee Representatives:**

Kevin Webber, RPF  
Forestry Manager  
Ts'elxwéyeqw Forestry Limited Partnership  
Building #8A - 7201 Vedder Road  
Chilliwack, BC  
V2R 4G5

Name:   
Kevin Webber, RPF

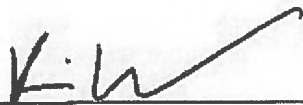
Date: May 23, 2017

Cheam First Nation  
52130 Old Yale Road  
Rosedale, BC  
V0X 1X0

Name:   
Kevin Webber, RPF  
Representative of the Licensee

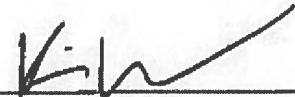
Date: May 23, 2017

Kwaw-Kwaw-Aplit First Nation  
PO Box 2065, Sardis Station Main  
Chilliwack, BC V2R 1A5

Name:   
Kevin Webber, RPF  
Representative of the Licensee

Date: May 23, 2017

Skwah First Nation  
PO Box 178  
Chilliwack, BC  
V2P 6H7

Name:   
Kevin Webber, RPF  
Representative of the Licensee

Date: May 23, 2017

## 4.0 Appendices

Appendix 1

- Forest Stewardship Plan Maps

Appendix 2

- Stocking Standards

Appendix 3

- List of Active Cutting Permits and Road Permits