



**Forest Stewardship Plan**

*FOR*

**Merritt TSA**

**Cascades Natural Resource District**

**Thompson/Okanagan Forest Region**

**Approved - June 12, 2018**

**FSP Term: 5 Years (2018 – 2023)**

**FSP ID # 76**

**Commencing: June 12, 2018**

A handwritten signature in black ink that reads 'Brent Turmel'.

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**Brent Turmel, RPF**

Date: June 5, 2018

"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"

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## 1 Interpretation

### 1.1 Definitions

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

“**Act**” means the *Forest and Range Practices Act* S.B.C. 2002, c.69;

“**Agreement**” means a licence listed in Paragraph 2.1, unless this *FSP* no longer applies to that licence;

“**Agreement Holder**” means an individual holder of a licence listed in Paragraph 2.1, or any successor or assignee of that holder of a licence, unless this *FSP* no longer applies to that holder of a licence;

“**Applicable SAR Notice**” means:

- (a) a notice issued under *FPPR* section 7(2) entitled “**NOTICE – INDICATORS OF THE AMOUNT, DISTRIBUTION AND ATTRIBUTES OF WILDLIFE HABITAT REQUIRED FOR THE SURVIVAL OF SPECIES AT RISK IN THE CASCADES FOREST DISTRICT**” dated December 30, 2004;

“**BEC**” means Biogeoclimatic Ecosystem Classification;

“**CP**” means a cutting permit;

“**Current**” means, in the context of a *FSP*, timber sale licence, *CP* or *RP*, an approved document that has not expired or been replaced;

“**Cutblock**” means an area:

- (a) in which a holder of a licence has harvested timber under a *CP* or timber sale licence; or
- (b) in which a holder of a licence is authorized to harvest but the harvesting has not occurred;
- (c) identified in a *Current FSP* as an area to which section 196(1)(a) of the *Act* applies;

“**Damaged Timber**” means timber that has been affected by insects, disease, wind, fire, or other similar agents and is in danger of being significantly reduced in value, lost, destroyed, or poses risk to adjacent timber.

“**Date of Submission**” means November 9, 2017, which is the date this *FSP* was submitted for approval;

**“Development project in the governments interest”** means a project undertaken by government, or authorized by government, for a purpose, including but not limited to, such as constructing or improving a utility, highway, fence, mine, recreation site or recreation area.

**“Established Cutblock”** means a *Cutblock* that, before the earlier of the date a *Cutblock* or road is included within a *CP* or *RP* to which this *FSP* applies or is included within a declared area under this *FSP*, has been:

- (a) harvested under a licence to which this *FSP* applies;
- (b) declared under this *FSP*;
- (c) included within a *Current CP* issued under a licence to which this *FSP* applies but which *CP* will not be subject to this *FSP*; or
- (d) identified spatially in the BC Geographic Warehouse as a *Cutblock*:
  - (i) harvested under a timber sale licence or major licence to which this *FSP* does not apply;
  - (ii) included in a *Current CP* issued under a licence to which this *FSP* does not apply or in a timber sale licence;
  - (iii) shown in another *Current FSP* as an area to which section 196(1)(a) of the *Act* applies;

**“Established Road”** means a road that, before the earlier of the date a *Cutblock* or road is included within a *CP* or *RP* to which this *FSP* applies or is included within a declared area under this *FSP*, has been:

- (a) constructed by a *Holder of this FSP*;
- (b) included within a *Current CP* or *RP* issued under or associated with a licence to which this *FSP* applies but to which *CP* or *RP* will not be subject to this *FSP*; or
- (c) identified in an inventory or notice provided by government as an area:
  - (i) constructed by a person other than the *Holder of this FSP*;
  - (ii) included in a *Current CP* or *RP* issued under a licence to which this *FSP* does not apply or in a timber sale licence;
  - (iii) shown in a previous Forest Development Plan pertaining to a licence to which this *FSP* does not apply as an area to which section 22(2)(b) of the Operational and Site Planning Regulation as it was at the time of its repeal applies; or

- (iv) shown in another *Current FSP* as an area to which section 196(1)(b) of the *Act* applies;

“**FDU**” means a forest development unit;

“**Forest Act**” means the *Forest Act* R.S.B.C. 1996, c.157;

“**Forested Area**” means a polygon identified in the *VRI* as contributing to the forest management land base, as indicated by the Forest Management Land base Indicator attribute. This attribute indicates whether a polygon is forested or has been forested and is capable of producing a stand of trees. Polygons classified as lakes, rock, alpine, shrub and wetland are not considered *Forested Area*.

“**FPC**” means the Forest Practices Code of British Columbia Act R.S.B.C. 1996, c. 159 and all regulations thereunder;

“**FPPR**” means the Forest Planning and Practices Regulation B.C. Reg. 14/2004;

“**FRPA**” means the *Act* and the regulations thereunder;

“**FSP**” means a forest stewardship plan;

“**Holder of this FSP**” means, for each licence specified in Paragraph 2.1, the holder of that licence as indicated in that Paragraph, or any successor or assignee of that holder; “**Holder**” has the same meaning; and “**Holders of this FSP**” means all of those holders of those licences or any successor or assignee to those holders;

“**Legislated Planning Date**” means:

- (a) subject to clause (b), the date 4 months before the *Date of Submission*; or
- (b) if an enactment or an objective set by government requires that a date different than the date referred to in clause (a) be applied under this *FSP*, then that different date;

“**LU**” means Landscape Unit;

“**Minister**” means the minister responsible for the *Forest Act*;

“**MFLNRO**” means the Ministry of Forests, Lands and Natural Resource Operations

“**OGMA**” means Old Growth Management Area;

“**Qualified Professional**”(QP) means a registered member in good standing with a professional association whose training, ability and experience makes the member professionally competent in the relevant area of practice;

“**Range Tenure**” means a grazing tenure held by a *Range Agreement Holder* and issued under the Range Act or Land Act. Spatial and attribute data for Range Tenures are housed in the BC Geographic Warehouse;

**“Road”** means an access structure built within 35 metres either side of a centerline location and includes the area cleared of timber for any right-of-way, borrow pit, turnout, landing or to alleviate a safety hazard;

**“RP”** means a road permit;

**“Term”** means the period specified in Paragraph 3.1;

**“THLB”** means Timber Harvesting Land Base as defined in the Timber Supply Review document for the Timber Supply Areas applicable to this *FSP*;

**“TSA”** means a timber supply area;

**“VRI”** means Vegetation Resource Inventory, the photo-based inventory of the BC provincial forest. *VRI* data is housed in the BC Geographic Warehouse. For the purposes of *FSP* results or strategies, *VRI* data is considered current to a point in time not less than 18 months prior to cutting authority application or amendment;

## 1.2 Relevant Date for Legislation and Objective References

In this *FSP*, unless this *FSP* specifies otherwise, a reference to legislation, an established objective, a notice under section 7(2) of the *FPPR*, a designation of a species to which such a notice or established objective applies, an establishment of an area referred to in section 14(3)(a) to (i) of the *FPPR* or an order made by government means that legislation, established objective, notice, designation, area or order as it was on the *Legislated Planning Date*.

## 1.3 Definitions from Legislation

In this *FSP*, unless this *FSP* specifies, or the context requires otherwise, words and phrases defined in the *FPPR*, *FRPA* or the *Forest Act* as of the *Legislated Planning Date* have the same meaning as those definitions.

## 1.4 Changes to Legislation

Subject to Paragraph 1.2, if legislation referred to in this *FSP* is renamed or a provision of legislation referred to in this *FSP* is renumbered, the reference in this *FSP* is to be construed as a reference to the provision as renamed or renumbered, as the case may be.

## 1.5 Expressions Inclusive

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

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

## 1.6 Organization

This *FSP* is divided into parts, paragraphs, subparagraphs, clauses and sub-clauses, illustrated as follows:

- 1. Part;
  - 1.1 to 1.1.1.1 Paragraph;
    - (a) Subparagraph;
      - (i) Clause;
        - (A) Sub clause;
          - (I) Section;
            - (1) Subsection,

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

## 1.7 Headings and Information about Objectives

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

## 1.8 Appendices Part of *FSP*

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

## 1.9 No Prohibition on Activities Otherwise Permitted or Required

Despite any other provision in this *FSP*, nothing in this *FSP* prevents, affects or limits a *Holder of this FSP* from carrying out an activity permitted by section (s.) 4(1.1) of the *FPPR*.

## 1.10 Conditional Exemptions under sections (ss.) 12.2 to 12.5 of the *FPPR*

The following Paragraphs are included in this *FSP* for the purpose of obtaining an exemption under sections 12.2 to 12.5 of the *FPPR* from the following sections of the *FPPR*:

Paragraph in this <i>FSP</i>	Section of <i>FPPR</i> under which Exemption Provided	Sections of the <i>FPPR</i> to which Exemption Applies
5.2.1.2	12.2	35(1), 35(3), 35(5), and 36
5.2.1.3	12.2	35(4)
5.2.1.4	12.2	35(6), 35(7)
5.2.3.2	12.3	47(4) to (6), 48(3) to (5), 49(2), 49(3), 50 (1), 51(1) & (3), 52(2), 53
5.2.4.1	12.4	64(1), 65(2)
5.2.5.2 & 5.2.5.3	12.5(1)	66(1), 66(2), 66(3)
5.2.5.4	12.5(2)	67
5.2.7.2	12.32	59, 60(2) and 61 as they pertain to cumulative hydrological effects on water quality affecting human health in community watersheds

Sections of the *FPPR* identified in orange text have been adopted as a result or strategy. This is re-iterated in the applicable sections throughout this *FSP*. Sections of the *FPPR* identified in black text have a unique result or strategy which deviates from the default practice requirements in the *FPPR*

## 1.11 Development Project in the government’s interest

Without limiting any other provision in this *FSP*, this *FSP* does not apply to a *Development Project in the Government’s Interest*. All primary forest activities will be conducted consistent with any conditions imposed by government and may be different from the requirements of this *FSP*.

### **1.12 FPPR Section 12(7) Exemption**

Upon the determination by the *Minister* that it is not practicable, given the circumstances or conditions, including *Damaged Timber*, applicable to a particular area, to specify a result or strategy consistent with an established objective, a *Holder of this FSP* is exempt from that requirement. The result or strategy in this *FSP* will not apply for that area. Any conditions imposed by the *Minister* will be followed as well as any specific alternative results or strategies found in the *FSP* relating to this kind of exemption.

## 2 Application

### 2.1 Agreements (Act s.3(4))

This *FSP* applies to the following licences and Forest Development Units:

APPLICABLE <i>FSP</i>	<i>FDU</i>	TENURE	LICENCE	TENURE NAME	Holder of Licence as of the <i>Date of Submission</i>
Aspen Planers Ltd.	A	FL	A18039		Ardeew Wood Products Ltd.
Aspen Planers Ltd.	A	FL	A18695		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A55524		Mego Wood Products Ltd.
Aspen Planers Ltd.	A	FL	A55525		Qwa'et Forest Products Ltd.
Aspen Planers Ltd.	A	FL	A55528		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A65006		Stuwix Resources Ltd.
Aspen Planers Ltd.	A	FL	A75062		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A81242		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A84382		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A84506		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A84685		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A85416		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A85417		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FL	A85445		Cook's Ferry First Nation
Aspen Planers Ltd.	A	FL	A85446		Cook's Ferry First Nation
Aspen Planers Ltd.	A	FL	A85447		Lower Nicola First Nation
Aspen Planers Ltd.	A	FL	A85448		Lower Nicola First Nation
Aspen Planers Ltd.	A	FL	A85452		Siska First Nation
Aspen Planers Ltd.	A	FL	A86066		Nooaitch First Nation
Aspen Planers Ltd.	A	FL	A86086		Coldwater First Nation
Aspen Planers Ltd.	A	FLTC	A86772	Bob 5	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86773	Bob 6	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86774	Bob 7	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86775	Br 1	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86776	Pim 1	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86841	Ket 4	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86842	Ket 3	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86843	Ket 2	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86844	Ket 1	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86845	Roscoe 16	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86846	Roscoe 15	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86847	Roscoe 14	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A86850	Con 5	Millennium Forest Management Inc.
Aspen Planers Ltd.	A	FLTC	A86851	Con 6	Millennium Forest Management Inc.
Aspen Planers Ltd.	A	FLTC	A86852	Con 4	Millennium Forest Management Inc.
Aspen Planers Ltd.	A	FLTC	A86919	Eve1	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A86921	Eve 2	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A86922	Dart 1	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A86923	Dart 2	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A86926	Roscoe 13	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87202	Dart 3	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87203	Dart 4	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87204	Dart6	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87205	Dart 5	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87206	Wart 6	Nadina Logging Ltd.

<b>APPLICABLE FSP</b>	<b>FDU</b>	<b>TENURE</b>	<b>LICENCE</b>	<b>TENURE NAME</b>	<b>Holder of Licence as of the Date of Submission</b>
Aspen Planers Ltd.	A	FLTC	A87207	Wart 7	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87208	Wart 8	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87210	Wart 9	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87261	Tyner 1	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87265	Bob 8	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87266	Bob 9	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87296	Cal 1	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87297	Cal 2	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87326	Cool 1	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87327	Cool 2	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87328	Cool 3	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87329	Cool 4	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87330	Cool 5	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87331	Cool 6	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87332	Cool7	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87419	Wart 1	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A87421	Wart 3	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A87422	Wart 4	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A87423	Wart 5	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A87443	Wart 2	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A87543	Wart 10	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A87544	Wart 11	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A87848	Sur 22	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87849	Sur 24	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87850	Sur 25	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A87862	Tyner 4	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A87863	Tyner 5	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88285	Bear 2	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88286	Bear 3	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88287	Bear 4	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88288	Bear 5	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88289	Bear 6	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88290	Bear 7	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88388	Young 3	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88389	Young 4	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88390	Young 5	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88391	Young 6	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88512	Young 1	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88647	Clark 12	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A88648	Clark 13	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A88649	Clark 14	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A88655	Dupont 5	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A88656	Dupont 6	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A88657	Dupont 1	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A88660	Dupont 4	489581 BC Ltd.
Aspen Planers Ltd.	A	FLTC	A88717	Young 7	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A88718	Young 8	Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A89453	Mill 1	Millennium Forest Management Inc.
Aspen Planers Ltd.	A	FLTC	A89460	Mill 2	Millennium Forest Management Inc.
Aspen Planers Ltd.	A	FLTC	A89461	Mill 3	Millennium Forest Management Inc.
Aspen Planers Ltd.	A	FLTC	A89462	Mill 4	Millennium Forest Management Inc.
Aspen Planers Ltd.	A	FLTC	A90063		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A91028	Clark 22	Nadina Logging Ltd

<b>APPLICABLE FSP</b>	<b>FDU</b>	<b>TENURE</b>	<b>LICENCE</b>	<b>TENURE NAME</b>	<b>Holder of Licence as of the Date of Submission</b>
Aspen Planers Ltd.	A	FLTC	A91029	Clark 23	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A91030	Clark 24	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A91031	Clark 27	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A91032	Clark 21	Nadina Logging Ltd
Aspen Planers Ltd.	A	FLTC	A92072	Stumbles 1	Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A92073	Stumbles 2	Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A92074	Stumbles 4	Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A92075	Stumbles 5	Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A92076	Stumbles 7	Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A92077	Stumbles 6	Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A92090	Stumbles 3	Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A90340		Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A90341		Trace Resources Ltd.
Aspen Planers Ltd.	A	FLTC	A90385		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A90386		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A90884		Aspen Planers Ltd.
Aspen Planers Ltd.	A	FLTC	A93212	Rosco21	Maka Contracting Ltd.
Aspen Planers Ltd.	A	FLTC	A93745	Eve 3	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A93746	Eve 4	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A93747	Eve 5	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A93748	Eve 6	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A93749	Eve 7	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A93951	PIP 1	Maka Contracting Ltd.
Aspen Planers Ltd.	A	FLTC	A94657	Gordon SSS	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94658	Gordon SSS	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94659	Gordon SSS	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94660	Gordon SSS	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94661	Gordon SSS	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94809	V12	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94981	FW1	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94982	FW2	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94983	FW3	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94984	FW4	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94985	FW5	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A94365	Zoht1	Basen Environmental Corp.
Aspen Planers Ltd.	A	FLTC	A94366	Zoht2	Basen Environmental Corp.
Aspen Planers Ltd.	A	FLTC	A94367	Zoht3	Basen Environmental Corp.
Aspen Planers Ltd.	A	FLTC	A94368	Zoht4	Basen Environmental Corp.
Aspen Planers Ltd.	A	FLTC	A94369	Zoht5	Basen Environmental Corp.
Aspen Planers Ltd.	A	FLTC	A94723	Tupper2A	Maka Contracting Ltd.
Aspen Planers Ltd.	A	FLTC	A94883	Billy1, 2, 3	Maka Contracting Ltd.
Aspen Planers Ltd.	A	FLTC	A95031	HB1	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A95032	HB2	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A95033	HB3	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A95034	HB4	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A95035	HB5	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A95139	SG1	Nadina Logging Ltd.
Aspen Planers Ltd.	A	FLTC	A95140	SG2	Nadina Logging Ltd.

### 3 Term

#### 3.1 Term (*Act s.6(1)(a)*)

The term of this *FSP* is 5 years, commencing on the date specified in Paragraph 3.2 unless:

- (a) the *Holder*s of this *FSP* elect to replace it with another approved *FSP*; or
- (b) it is extended pursuant to *FRPA*.

#### 3.2 Commencement of Term (*Act s.6(1)(b)*)

The term of this *FSP* commences on June 12, 2018.

### 4 Forest Development Units

#### 4.1 Forest Development Units (*Act s.5(1)(a)(ii)* and *FPPR s.14(1)(a)*)

The map in Appendix B to this *FSP* shows the boundary of *FDU* A under this *FSP*.

Due to administrative and operational discrepancies that are small in scale (i.e. GPS inaccuracies, map sensitivity refinement, line work updates), the outer *FDU* boundary may be extended approximately 30 metres into neighboring *TSAs*. This is to prevent timber alienation and to ensure responsible forest management.

#### 4.2 Land Use Designations and Other Things to be Identified (*FPPR ss.14(2) and (3)*)

The maps in Appendix B to this *FSP* identify the things referred to in section 14(3) of the *FPPR* that are within the *FDU* and in effect as of the *Legislated Planning Date*. The exception to this is the area in which commercial harvesting is prohibited by another enactment, which cannot be shown completely on the maps due to the lack of availability of a dataset displaying private land boundaries. Any area that holds the status of Private Ownership according to the provincial “Integrated Cadastral Fabric – Private Ownership” dataset, as of the *Legislated Planning Date*, is excluded from the *FDU*, even if it is not shown on an Appendix B map.

## 5 Results or Strategies

### 5.1 Objectives Set by Government

#### 5.1.1 Old Growth Order

##### Information about Applicable Objective

<b>Objective</b>	The Minister has issued an order under section 4 of the <i>Forest Practices Code of British Columbia Act</i> establishing Landscape Units and Old Growth Objectives.
<b>Date in Effect</b>	June 30, 2004.

#### Strategy

##### 5.1.1.1 Definitions

In Paragraph 5.1.1.2 and 5.1.1.3

“**Old Forest Polygon**” means an area identified as an old forest polygon as depicted by the most current consolidated Old Forest Polygon layer on the map housed by the *MFLNRO* in accordance with the Cascades District Agreement for managing *OGMA* Consolidation Mapping, as approved by the DOIT committee members on July 15, 2013; and

“**Order**” means the Order Establishing Provincial Non-Spatial Old Growth Objectives that came into effect on June 30, 2004.

##### 5.1.1.2 No Harvesting in Old Forest Polygons

Subject to Paragraph 5.1.1.3, a *Holder of this FSP* will not undertake timber harvesting to which this *FSP* applies within an *Old Forest Polygon*.

##### 5.1.1.3 Alternative Strategies for these situations/circumstances

Paragraph 5.1.1.2 will apply only to the extent practicable where harvesting:

- (a) to facilitate road maintenance;
- (b) to eliminate a safety hazard if there is no other practicable option for addressing the hazard;
- (c) is less than 1.0 hectare; or
- (d) when:
  - (i) the harvest area exceeds the amount referred to in Subparagraph (c); and
  - (ii) on or before the reporting of harvest completion for the *Cutblock*, a *Holder of this FSP* identifies a replacement forest polygon that:

- (A) is of similar size to the **Old Forest Polygon** area to be harvested;
- (B) is within the same landscape unit (or adjacent to the harvested **Old Forest Polygon** in an adjacent landscape unit), biogeoclimatic zone, subzone and variant as the **Old Forest Polygon** to be harvested;
- (C) contains forest cover that is consistent with one of the following:
  - (I) the age of old forest identified in Section 2 of the **Order**;
  - (II) section 6 of the **Order**; or
  - (III) of equal or greater age class of the **Old Forest Polygon** to be harvested; and
- (D) is sent to the host (**MFLNRO** staff) of the Consolidated **OGMA** map once per year.

## 5.2 Objectives Prescribed under section 149(1) of the Act

### 5.2.1 Soils (FPPR s.5)

Information about Applicable Objective	
<b>Objective</b>	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>Date in Effect</b>	This objective was established on the coming into force of the Forest Planning and Practices Regulation on January 31, 2004.

### Result

#### 5.2.1.1 Definitions

In Paragraph 5.2.1.1 to 5.2.1.4:

“**Gross Cutblock Area**” means the total area of the *Cutblock*, which includes all roads, the net area to be reforested, internal reserves and non-productive areas.

“**Percent of Cutblock occupied in permanent access structures**” means the quotient of the area occupied by permanent access structures divided by the *Gross Cutblock area*, multiplied by 100.

“**Temporary Access Allowance**” means the percentage of a standard unit as determined from the following equation:

$$\text{temporary access allowance} = (12\%) - (\text{Percent of Cutblock occupied in permanent access structures, or } 7\%, \text{ whichever is less})$$

#### 5.2.1.2 General Soil Conservation

Each *Holder of this FSP* adopts as a result or strategy for activities of that Holder to which this *FSP* applies sections 35(1), 35(3), 35(5) (*Soil Disturbance Limits*), and 36 (*Permanent Access Structure Limits*) of the *FPPR* as those sections were on the *Legislated Planning Date* of this *FSP*.

#### 5.2.1.3 Exceeding Soil Disturbance Limits – Result replacing FPPR section 35(4)

A *Holder of this FSP* may cause soil disturbance that exceeds the limits specified in section 35(3) of the *FPPR*, as adopted as a result or strategy under this *FSP*, if that Holder is:

- (a) removing infected stumps or salvaging wind throw and the additional disturbance is the minimum necessary;
- (b) constructing a temporary access structure in an area not referred to in Subparagraph (c) and both of the following apply:

- (i) the limit set out in section 35(3) of the *FPPR*, as adopted as a result or strategy under this *FSP*, is not exceeded by more than the *Temporary Access Allowance*, for standard units not comprised of predominantly sensitive soils, and not exceeded by more than 5% for standard units with predominantly sensitive soils, excluding the area covered by a roadside work area; and
  - (ii) before the regeneration date, a sufficient amount of the area within the standard unit is rehabilitated such that the Holder is in compliance with the limits set out in section 35(3) of the *FPPR*, as adopted as a result or strategy under this *FSP*; or
- (c) constructing a temporary access structure:
- (i) within a standard unit with a net area to be reforested that is less than 5 ha;
  - (ii) within a standard unit that is not predominantly comprised of sensitive soils; and
  - (iii) before the regeneration date, a sufficient amount of the area within the standard unit is rehabilitated such that the Holder is in compliance with the limits set out in section 35(3) of the *FPPR*, as adopted as a result or strategy under this *FSP*.

#### **5.2.1.4 Work Related to Rehabilitation - Result replacing *FPPR* section 35(6) and 35(7)**

A *Holder of this FSP* who rehabilitates an area under Paragraph 5.2.1.3 or section 35(5) (*Soil Disturbance Limits*) of the *FPPR*, as adopted as a result or strategy under this *FSP*, must:

- (a) remove or redistribute woody materials that are exposed on the surface of the area and are concentrating subsurface moisture, to the extent necessary to limit the concentration of subsurface moisture on the area;
- (b) de-compact compacted soils;
- (c) return displaced surface soils, retrievable side-cast and berm materials; and
- (d) where erosion of exposed soil from the area would cause sediment to enter a stream, wetland, or lake, or cause a material adverse effect in relation to one or more of the subjects listed in section 149(1) of the *Act*, the Holder, unless placing debris or revegetation would not materially reduce the likelihood of erosion, must:
  - (i) place woody debris on the exposed soils; or
  - (ii) revegetate the exposed mineral soils.

<b>5.2.2 Wildlife (FPPR s.7)</b>	
<b>Information about Applicable Objective</b>	
<b>Objective</b>	The objective set by government for wildlife is, without unduly reducing the supply of timber from British Columbia's forests, to conserve sufficient habitat in terms of amount of area, distribution of areas and attributes of those areas, for the survival of specified species, regionally important wildlife, and the winter survival of specified ungulate species, which, in the case of this <i>FSP</i> are: <ul style="list-style-type: none"> <li>➤ Moose;</li> <li>➤ Coastal Tailed Frog;</li> <li>➤ Flammulated Owl;</li> <li>➤ “Great Basin” Gopher Snake;</li> <li>➤ Spotted Bat.</li> </ul>
<b>Date in Effect</b>	Notices triggering the objective for the species addressed in this <i>FSP</i> were given under Section 7(2) of the Forest Planning and Practices Regulation on December 30, 2004.

<b>5.2.2.1 Moose</b>	
<b>Information about the Notice</b>	
<b>Amount</b>	A maximum of 694,072 ha for the Merritt <i>TSA</i> , with no impact to the timber supply and consistent with the most recent Timber Supply Review.
<b>Distribution</b>	Winter range foraging habitat and cover is to be distributed proportionately within moose winter ranges, located in forest types at the elevation and on slope aspects typical of ungulate winter ranges for moose in south eastern BC according to the attributes below.
<b>Attributes</b>	<p>1. Foraging habitat:</p> <ul style="list-style-type: none"> <li>• Maintain a minimum of 15% of the net forested land base in early seral stands; early seral is defined as: <ul style="list-style-type: none"> <li>a) In the IDF and ICH zones - less than 25 years</li> <li>b) In the MS and ESSF zones - less than 35 years</li> </ul> </li> </ul> <p>2. Cover:</p> <ul style="list-style-type: none"> <li>• Cover is defined as coniferous stands of at least 16 m in height with relatively high canopy closure to provide both snow interception and security cover.</li> <li>• At least 50% of cover is to be in patches of 20 ha, or greater</li> <li>• Where possible, cover is to be in close proximity to important riparian features</li> </ul>

## **Result**

### **5.2.2.1.1 Definitions**

In Paragraphs 5.2.2.1.1 and 5.2.2.1.2:

“**Cover**” is defined as coniferous stands of at least 16 m in height with relatively high canopy closure (2+) to provide both snow interception and security cover;

“**Early Seral**” is defined as:

- a) In the IDF and ICH zones - less than 25 years; or
- b) In the MS and ESSF zones - less than 35 years;

“**Foraging habitat**” means *Early Seral* stands;

“**Moose Forage**” means palatable species of plants that are a food source for moose, including willow (*Salix spp.*), aspen (*Populus spp.*), birch (*Betula spp.*) and red-osier dogwood (*Cornus stolonifera*);

“**Moose Wetlands**” means a W1, W2, W3 or W5 wetland that contains not less than 20% *Moose Forage* cover, as determined by a *Qualified Professional*;

“**Moose Winter Range**” means, within *FDU A*, the area identified as *Moose Winter Range* on *Figure 2 Ungulate Winter Range in the Merritt Timber Supply Area*, issued as part of the material supporting the *FPPR* Section 7(2) Notice for Moose:

[http://www.env.gov.bc.ca/esd/distdata/ecosystems/frpa/Approved\\_FRPR\\_sec7\\_WLPPR\\_sec9\\_Notices\\_and\\_Supporting\\_Info/UWR/Timber\\_Supply\\_Areas/Merritt\\_TSA/Supporting\\_Info/Figure/figure2\\_merritt\\_TSA.pdf](http://www.env.gov.bc.ca/esd/distdata/ecosystems/frpa/Approved_FRPR_sec7_WLPPR_sec9_Notices_and_Supporting_Info/UWR/Timber_Supply_Areas/Merritt_TSA/Supporting_Info/Figure/figure2_merritt_TSA.pdf)

“**Visual Screen**” means vegetation and/or topography that functions as a visual obstruction, causing it to be difficult to see into adjacent areas from a road surface.

#### 5.2.2.1.2 Merritt TSA Moose Result and Strategy

In relation to the objectives set by government for Moose in the Merritt *TSA*, when conducting harvesting, road construction or silviculture activities within *Moose Winter Range*, the *Holder of this FSP* will:

- (a) to meet the intent of the notice in regards to proportionate distribution of habitat within *Moose Winter Ranges* within a Landscape Unit:
  - (i) maintain a minimum of 15% of the net forested land base in *Foraging Habitat*;
  - (ii) maintain at least 50% of *Cover* in patches of 20 ha, or greater; and
  - (iii) where possible, maintain *Cover* in close proximity to important riparian features;
- (b) not construct a new permanent road within 200 metres (slope distance) of *Moose Wetlands*, unless no practicable alternative exists;
- (c) where new permanent road is constructed within 200 metres (slope distance) of *Moose Wetlands*, at the completion of the road construction and where suitable vegetation or topography exists, retain a *Visual Screen* along and/or between the new permanent road and *Moose Wetlands*, unless the safe use of the road warrants removal of the *Visual Screen*; and

- (d) retain ***Moose Forage*** at the completion of harvesting and silviculture activities (including brushing, weeding and stand tending) where present, unless retaining ***Moose Forage*** impedes the ability of a stand to reach free growing status;
- (e) commit to working with the other licensees in the Merritt ***TSA*** to develop a common result and strategy for Moose ***Foraging Habitat*** and ***Cover*** retention, including the development of Moose planning cells;
- (f) use Moose planning cells once they are developed and approved, rather than the Landscape Unit as the unit of measure, as described in Subparagraph (a).

<b>5.2.2.2 Coastal Tailed Frog</b>	
<b>Information about the Notice</b>	
<b>Amount</b>	2793 ha for the Cascades Forest District, not exceeding an impact to the mature timber harvesting land base of 1187 ha.
<b>Distribution</b>	<p>1. The amount of habitat referenced above must be distributed to provide</p> <ul style="list-style-type: none"> <li>• areas of suitable habitat of the size, spatial distribution and connectivity identified in the species account for Coastal Tailed Frog in the <i>Accounts and Measures for Managing Identified Wildlife</i> (Identified Wildlife Management Strategy Version 2004).</li> </ul> <p>2. The areas described above are located within the biogeoclimatic units and preferred elevations identified in the species account for Coastal Tailed Frog in the <i>Accounts and Measures for Managing Identified Wildlife</i> in the Identified Wildlife Management Strategy Version 2004.</p>
<b>Attributes</b>	<p><u>Size:</u> Approximately 20 ha (depending on number and length of suitable stream reaches). Larger areas may be appropriate in watersheds with unstable terrain (class 4-5). Areas should include at least two streams or stream reaches (ie., S4 to S6) with previous detections of tailed frogs. The area should include a 30 m core area buffered by a 20 m management zone on both sides of occupied stream reaches.</p> <p><u>Habitat Attributes:</u> Tailed frog aquatic habitats are generally characterized by year round flow, non-fish bearing (S4-S6), intermediate gradient (&gt;2.5%), coarse substrates (&gt;6.4 cm), stable channel beds and forest cover (generally associated with structural stage S6 or S7). Retain 100% forest cover within the core area. Within the management zone maintain 70% basal area with appropriate structure to maintain riparian forest, important structural elements (e.g. coarse woody debris), water quality and temperature (5-18 degrees), and naturally dispersed water flows.</p> <p><u>Elevation:</u> From sea level to 2140 m.</p>

## **Result**

### **5.2.2.2.1 Definitions**

In Paragraphs 5.2.2.2.1 & 5.2.2.2.2:

“**Core Area**” means the area within 30 metres (slope distance) on each side of the stream at an **Occurrence Site** as measured from the edge of the stream channel bank and perpendicular to the stream axis;

“**Management Area**” means the portion of *the Tailed Frog Habitat* outside of the **Core Area**;

“**Occurrence Site**” means the location on a stream having an occurrence of coastal tailed frogs as identified:

- (a) in the Applicable *FPPR* Section 7 Notice;
- (b) by the BC Conservation Data Centre not less than 12 months prior to cutting authority application or amendment;
- (c) in a wildlife habitat area proposed by the ministry responsible for wildlife not less than 12 months prior to cutting authority application or amendment, and that is outside of an *Established Cutblock* or *Established Road*; or
- (d) in locations provided to the *Holder of this FSP* by *MFLNRO* prior to planning and layout of a *Cutblock* or road.

“*Tailed Frog Habitat*” means the area within 100 metres (slope distance) upstream and downstream of an *Occurrence Site*, and 50 metres (slope distance) on each side of the stream as measured from the edge of the stream channel bank and perpendicular to the stream axis.

“*Tailed Frog Habitat Crossing Assessment*” means an assessment completed by a *Qualified Professional* that evaluates the potential impacts to *Tailed Frog Habitat* at a proposed road crossing site and provides recommendations regarding crossing width, crossing structure type, sediment control measures and access control.

#### 5.2.2.2.2 Limitations on Harvesting and Road Construction

A *Holder of this FSP* harvesting a *Cutblock* to which this *FSP* applies will:

- (a) within a *Core Area*
  - (i) minimize roads and/or stream crossings by not constructing a new road unless required for a stream crossing and no practicable alternative road location exists; and
  - (ii) not harvest timber unless the harvesting is for safety reasons;
- (b) within a *Management Area*
  - (i) not cause there to be less than 70% of the pre-harvest basal area remaining at the completion of harvest;
- (c) not employ the use of pesticides in *Tailed Frog Habitat*;
- (d) locate the *Wildlife Tree Retention* that pertains to the *Cutblock* in a *Core Area* or *Management Area* prior to harvesting a *Cutblock*, where practicable and consistent with Paragraph 5.2.5; and
- (e) where a stream crossing is required, obtain a *Tailed Frog Habitat Crossing Assessment* prior to constructing a new road within *Tailed Frog Habitat*, and construct the crossing in a manner consistent with the recommendations of the assessment and in accordance with the Water Sustainability Regulation ss. 43 & 44.

<b>5.2.2.3 Flammulated Owl</b>	
<b>Information about the Notice</b>	
<b>Amount</b>	4050 ha for the Cascades Forest District, not exceeding an impact to the mature timber harvesting land base of 3150 ha.
<b>Distribution</b>	<p>1. The amount of habitat referenced above must be distributed to provide</p> <ul style="list-style-type: none"> <li>• areas of suitable habitat of the size, spatial distribution and connectivity identified in the species account for Flammulated Owl in the <i>Accounts and Measures for Managing Identified Wildlife</i> (Identified Wildlife Management Strategy Version 2004).</li> </ul> <p>2. The areas described above are located within the biogeoclimatic units and preferred elevations identified in the species account for Flammulated Owl in the <i>Accounts and Measures for Managing Identified Wildlife</i> in the Identified Wildlife Management Strategy Version 2004.</p>
<b>Attributes</b>	<p><u>Size:</u> Between 10 and 30 ha, based on estimated home range size using habitat suitability information. Should include a core area of 7-12 ha that includes key foraging, the nest site and security habitats and ~100 m management zone. Consider a WTP &gt;4 ha where salvage does not occur and where as many suitable wildlife trees as possible are maintained or recruited over the long term (&gt;80 yrs.).</p> <p><u>Tree</u> Visible woodpecker or natural cavities; understory brush or thickets, snags with cavities.</p> <p><u>Features</u></p> <p><u>Tree Species</u> Most commonly, Ponderosa pine; less commonly, Douglas-fir, trembling aspen or western larch.</p> <p><u>Nesting</u> Includes multi-age class stands with multiple canopy layers, including a veteran tree component for nesting or roosting. Large diameter ponderosa pine for nest trees may be critical to sustain local populations. Nest in Pileated Woodpecker and Northern Flicker cavities and it is therefore important to consider nesting requirement of these species as well. Nests are often located within and/or near foraging habitat.</p> <p><u>Habitat</u></p> <p><u>Features</u> Often forages within 300 m of nest during breeding season. Habitat is characterized by small forest openings (&lt;1 ha) adjacent to Douglas-fir thickets and/or large veteran Douglas-firs or ponderosa pines with heavy branching for security. Understory structure may be important in forest openings for foraging habitat.</p> <p><u>Foraging</u></p> <p><u>Habitat</u></p> <p><u>Features</u> 64-77 cm. In the absence of trees with the preferred Dbh, trees &gt;35 cm or largest available should be retained for recruitment.</p> <p><u>Tree Size</u></p> <p><u>Wildlife</u> 1, 3-7</p> <p><u>Tree Class</u></p> <p><u>Structural</u> 6 (mature forest), 7 (old forest).</p> <p><u>Stage</u></p> <p><u>Elevation:</u> 400-1375 m.</p>

### Strategy:

The strategy for Flammulated Owl is the strategy for Old Growth in Paragraphs 5.1.1.1, 5.1.1.2, 5.1.1.3 of this *FSP*.

<b>5.2.2.4 “Great Basin” Gopher Snake</b>	
<b>Information about the Notice</b>	
<b>Amount</b>	4000 ha for the Cascades Forest District, not exceeding an impact to the mature timber harvesting land base of 0 ha.
<b>Distribution</b>	<p>1. The amount of habitat referenced above must be distributed to provide:</p> <ul style="list-style-type: none"> <li>• areas of suitable habitat of the size, spatial distribution and connectivity identified in the species account for “Great Basin” Gopher Snake in the <i>Accounts and Measures for Managing Identified Wildlife</i> (Identified Wildlife Management Strategy Version 2004).</li> <li>• The areas described above are located within the Biogeoclimatic units and preferred elevations identified in the species account for “Great Basin” Gopher Snake in the <i>Accounts and Measures for Managing Identified Wildlife</i> in the Identified Wildlife Management Strategy Version 2004.</li> </ul>
<b>Attributes</b>	<p><u>Size</u> Approximately 200-300 ha; but will depend on site specific factors such as area of suitable habitat and nearness to foraging areas.</p> <p><u>Foraging Habitat Characteristics</u> Sites with low disturbance and absence of roads (populations are negatively impacted by mortality, particularly road mortality). Presence of retreat sites including structural elements such as rock outcrops, talus slopes, friable soils, coarse woody debris, burrows in areas with friable soils, concentrations of boulders, or other unconsolidated materials and vegetative cover. Areas with moderate to dense cover provided concealment cover to snakes and maintain foraging opportunity. Grassland, parkland forest, wetland, and riparian areas provide foraging habitat for snakes. Foraging habitats must also provide suitable cover, in the form of vegetation and coarse woody debris, to provide protection from predation. Rock outcroppings and wildlife trees (Class 8 and 9 [dead fallen]) were observed to be important sources of cover for snakes.</p> <p><u>Denning</u> Rock outcrops or talus habitat. Located on south facing slopes in Ponderosa Pine or Bunchgrass <i>BEC</i> zones.</p> <p><u>Egg-Laying Site Characteristics</u> South to southeast facing slopes, but are more likely to be found in abandoned rodent burrows than in talus or rock outcrops. Well drained sites.</p> <p><u>Structural Stage</u> 1, 2 and 3</p> <p><u>Elevation</u> 250-1100m</p>

## **Result**

### **5.2.2.4.1 Definitions**

In Paragraphs 5.2.2.4.1 & 5.2.2.4.2:

“**Core Area**” means an area within 200 metres (slope distance) of an *Occurrence Site*;

“**Occurrence Site**” means the location of an occurrence of Great Basin Gopher Snake, as identified spatially:

- (a) by the BC Conservation Data Centre not less than 12 months prior to cutting authority application or amendment; or
- (b) in a Wildlife Habitat Area proposed by the ministry responsible for Environment not less than 12 months prior to cutting authority application or amendment, that is located outside an *Established Cutblock* or *Established Road*.

“**Initial Silviculture Activities**” means the latter of site preparation, initial tree planting, or debris pile burning.

### **5.2.2.4.2 Limitations on Harvesting and Road Construction**

A *Holder of this FSP* will within a *Core Area*:

- (a) not construct a new road unless no practicable alternative location exists;
- (b) not harvest timber unless required for safety reasons;
- (c) not employ the use of pesticides; and
- (d) when a new road is constructed within a *Core Area*, where is no other practicable option, a *Holder of the FSP* will:
  - (i) not construct a road between April and October of any given year;
  - (ii) not remove or disturb rock outcrops, talus slopes or concentrations of boulders;
  - (iii) restrict access to newly constructed temporary road within a *Core Area* to the extent that it is non-passable to a standard four-wheel drive pickup truck within one year of the completion of the *Initial Silviculture Activities* on the *Cutblock* accessed by the road; and
  - (iv) where the road is a permanent road, accessing timber beyond the *Core Area*, seek advice from *MFLNRO* staff on specific management strategies determined to be necessary, and implement those strategies.

<b>5.2.2.5 Spotted Bat</b>	
<b>Information about the Notice</b>	
<b>Amount</b>	16 ha for the Cascades Forest District, not exceeding an impact to the mature timber harvesting land base of 4 ha.
<b>Distribution</b>	<p>1. The amount of habitat referenced above must be distributed to provide</p> <ul style="list-style-type: none"> <li>• areas of suitable habitat of the size, spatial distribution and connectivity identified in the species account for Spotted Bat in the <i>Accounts and Measures for Managing Identified Wildlife</i> (Identified Wildlife Management Strategy Version 2004).</li> </ul> <p>2. The areas described above are located within the biogeoclimatic units and preferred elevations identified in the species account for Spotted Bat in the <i>Accounts and Measures for Managing Identified Wildlife</i> in the Identified Wildlife Management Strategy Version 2004.</p>
<b>Attributes</b>	<p><u>Size</u> 5-10 ha; the area should be related to the size of the roost feature (i.e., cliff face) and may in some cases be larger than 10 ha. The core of the area will consist of the roost cliff and talus base; the management zone should be 100 m around the roost cliff.</p> <p><u>Roosting Habitat Features</u> Steep, high cliffs within a few kilometers of suitable feeding areas (riparian areas, marshes, fields, grasslands, and open forest) and close to a source of water are important as day roosts. These sites are typically located in crevices in steep, tall cliffs.</p> <p><u>Foraging Habitat Features</u> Grassland, parkland, forest, wetland, and riparian areas. Foraging corridors, such as lake edges, may also be used.</p> <p><u>Structural Stage Elevation</u> There are no structural stage preferences known for this species, as they roost in large cliffs and often forage well above the canopy. Variable. Typically between 300 to 900 m, although most occurrences are below 500 m. In other parts of its range, it has been found from sea level to 3300 m.</p>

**Result**

**5.2.2.5.1 Definitions**

In Paragraphs 5.2.2.5.1 & 5.2.2.5.2:

“**Core Area**” means an area not less than 5 hectares, incorporating an *Occurrence Site* and any cliff feature or talus slope within 150 metres (slope distance) of the *Occurrence Site*;

“**Management Area**” means the area located 100 metres (slope distance) from the edge of a *Core Area*; and

“**Occurrence Site**” means the mapped location of Spotted Bat where cliff features or talus slope is also present, and is identified spatially:

- (a) in the *Applicable SAR Notice*;

- (b) by the BC Conservation Data Centre not less than 12 months prior to cutting authority application or amendment; or
- (c) in a Wildlife Habitat Area proposed by the ministry responsible for Environment not less than 12 months prior to cutting authority application or amendment, that is located outside of an *Established Cutblock* or *Established Road*.

#### **5.2.2.5.2 Limitations on Harvesting and Road Construction**

A *Holder of this FSP* harvesting a *Cutblock* to which this *FSP* applies will:

- (a) not harvest within a *Core Area* unless required for safety reasons;
- (b) employ a partial cut harvest method in the *Management Area*, retaining at least 50% of the pre-harvest basal area at the completion of harvest;
- (c) not construct a road in a *Core Area* or a *Management Area* unless there is no practicable alternative road location;
- (d) not remove rock or talus from the *Core Area* or *Management Area*;
- (e) not carry out forestry practices from one hour after sunset and one hour before sun rise between March and October in a *Management Area*; and
- (f) not use pesticides within the *Core Area* or *Management Area*.

<b>5.2.2.6 Williamson’s Sapsucker</b>	
<b>Information about Applicable Objective</b>	
<b>Objective</b>	As per the District Manager Letter of Expectation regarding Forest Stewardship Plans – Species at Risk, implementation of Best Management Practices for Williamson’s Sapsucker has been addressed in this section.
<b>Date in Effect</b>	The District Manager Letter of Expectation was dated June 2, 2016.

### **Strategy For Williamson’s Sapsucker**

#### **5.2.2.6.1 Definitions**

“**Best Management Practices for Timber Harvesting, Roads and Silviculture for Williamson’s Sapsucker in British Columbia: Western Area of Occupancy**” is the guiding document for this strategy, and can be found at:

<http://a100.gov.bc.ca/pub/eirs/finishDownloadDocument.do?subdocumentId=9693>

“**Western Area of Occupancy**” is the area of habitat for Best Management Practice consideration as outlined by *MFLNRO* on the FTP site:

[ftp.geobc.gov.bc.ca/publish/Regional/Kamloops/Species\\_At\\_Risk/Williamsons\\_Sapsucker/](ftp.geobc.gov.bc.ca/publish/Regional/Kamloops/Species_At_Risk/Williamsons_Sapsucker/)

#### **5.2.2.6.2 Operations within Western Area of Occupancy**

A *Holder of this FSP* harvesting a *Cutblock* to which this *FSP* applies will:

- (a) Prior to harvesting within the *Western Area of Occupancy*:
  - (i) Utilize the *Best Management Practices for Timber Harvesting, Roads and Silviculture for Williamson’s Sapsucker in British Columbia: Western Area of Occupancy* for guidance on retention levels and recommended operational processes. Based on site-specific attributes available, strategies to mitigate impacts on the population and distribution goals, as stated in the Best Management Practices document, will be included in the site plan.

### 5.2.3 Water, Fish, Wildlife and Biodiversity within Riparian Management Areas (*FPPR* ss.8 and 12(3))

#### Information about Applicable Objective

<b>Objective</b>	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>Date in Effect</b>	This objective was established on the coming into force of the Forest Planning and Practices Regulation on January 31, 2004.

#### Result and Strategy

##### 5.2.3.1 Definitions

In Paragraphs 5.2.3.1 to 5.2.3.6:

“**RMZ Affected Area**” means the area of Riparian Management Zone (RMZ) contained within either:

- (a) each *Cutblock* to which this *FSP* applies; or
- (b) a *Wildlife Tree Retention Area* associated with that *Cutblock* as described under Paragraph 5.2.5.2 or 5.2.5.3.

“**RMZ Retained Basal Area Equivalency**” means, for a RMZ that has been partial cut, the proportion of RMZ tree basal area retained that is equivalent to RMZ area, determined from the following equation:

$$\text{Area} = (\text{proportion of RMZ basal area retained at completion of harvest}) \times (\text{harvested RMZ area})$$

“**RMZ Retention**” means the treed proportion of the *RMZ Affected Area* retained at the completion of harvest based on a combination of RMZ area reserved from harvest and *RMZ Retained Basal Area Equivalency*, determined from the following equation:

$$\% = \frac{(\text{RMZ area reserved from harvest}) + (\text{RMZ Retained Basal Area Equivalency})}{\text{RMZ Affected Area}} \times 100$$

##### 5.2.3.2 General Conservation of Values within Riparian Areas

Each *Holder of this FSP* adopts as a result or strategy for activities of that Holder to which this *FSP* applies sections 47(4) to (6) (*Stream Riparian Classes*), 48(3) to (5) (*Wetland Riparian Classes*), 49(2), 49(3) (*Lake Riparian Classes*), 50(1) (*Restrictions in a Riparian management area*), 51(1) & (3) (*Restrictions in a Riparian Reserve Zone*), 52(2) (*Restrictions in a Riparian Management Zone*) and 53 (*Temperature Sensitive Streams*) of the *FPPR* as those sections were on the *Legislated Planning Date* of this *FSP*.

### 5.2.3.3 Retention in a Riparian Management Zone

For the purposes of this section, the following riparian classification attributes (as summarized) apply (as outlined in the *FPPR* Division 3- Riparian Areas):

**Riparian Classification Table:**

Riparian Class	Size (width in m) or (area in ha)	Fish / Non-Fish	<i>BEC</i> Zones / Notes
S1-A stream	= or > 100 m	Fish	Any / Over 1 km
S1-B stream	20 m - < 100 m	Fish	Any
S2 stream	5 m - < 20 m	Fish	Any
S3 stream	1.5 m - < 5 m	Fish	Any
S4 stream	< 1.5 m	Fish	Any
S5 stream	> 3 m	Non-Fish	Any
S6 stream	< or = 3 m	Non-Fish	Any
L1-A	= or > 1000 ha	N/A	Any
L1-B	>5 ha - <1000 ha	N/A	Any / or as designated
L2	1 ha - 5 ha	N/A	PP/BG/IDF (xh1, xh2, xw, xm), CDF, CWH (xm1, xm2, dm, ds1)
L3	1ha - 5ha	N/A	All those not listed for L2
L4	0.25 ha – 1 ha	N/A	PP/BG/IDF (xh1, xh2, xw, xm)
L4	0.5 ha – 1 ha	N/A	CDF, CWH (xm1, xm2, dm, ds1)
W1	>5 ha	N/A	
W2	1 ha – 5 ha	N/A	PP/BG/IDF (xh1, xh2, xw, xm), CDF, CWH (xm1, xm2, dm, ds1)
W3	1 ha – 5 ha	N/A	All those not listed for W2
W4	0.25 ha – < 1 ha	N/A	PP/BG/IDF (xh1, xh2, xw, xm)
W4	0.5 ha - < 1ha	N/A	CDF, CWH (xm1, xm2, dm, ds1)
W5	Any wetland with overlapping RMA's resulting in combined area > 5 ha	N/A	Proximity rules apply as follows: a) 2 or more W1 areas within 100m of each other; b) a W1 and one or more non-W1 within 80m of each other; c) 2 or more non-W1 within 60m of each other.

A *Holder of this FSP* harvesting a *Cutblock* to which this *FSP* applies that includes a riparian management zone will not cause the *RMZ Retention*, at the completion of that harvesting, to be less than the amounts listed in the RMZ Retention Table.

Under the following circumstances or conditions, the amounts listed in the RMZ Retention Table will be achieved only to the extent it is practicable to do so. Specifically, where harvesting is:

- (a) consistent with *FPPR* sec. 50;
- (b) conducted utilizing a harvest system that precludes the achievement of the *RMZ Retention* specified in the RMZ Retention Table, and there is no other practicable harvest system alternative to harvest the *Cutblock*;
- (c) for carrying out a sanitation treatment;
- (d) for felling or modifying a tree that has been wind thrown or has been damaged by fire, insects, disease or other causes, if the felling or modifying will not have a material adverse impact on the riparian management zone; and

- (e) for felling or modifying a tree for the purpose of establishing or maintaining an interpretive forest site, recreation site, recreation facility or recreation trail.

**RMZ Retention Table:**

Riparian Class	RMA (m)	RRZ (m)	RMZ (m)	RMZ Retention (%)
S1-A stream	100	0	100	50
S1-B stream	70	50	20	50
S2 stream	50	30	20	25
S3 stream	40	20	20	25
S4 stream (fish bearing)	30	0	30	30
S4 stream (non-fish bearing) within Community Watershed	30	0	30	30
S5 stream	30	0	30	30
S6 stream ( $\geq 1.5$ m wide, harvest method is ground based)	20	0	20	25
S6 stream ( $\geq 1.5$ m wide, harvest method other than ground based)	20	0	20	10
S6 stream ( $< 1.5$ m wide)	20	0	20	10
L2	30	10	20	25
L3	30	0	30	25
L4	30	0	30	25
W1/W5	50	10	40	25
W2	30	10	20	25
W3 wetland (3 ha – 5 ha)	30	0	30	25
W3 wetland (1 ha - < 3 ha)	30	0	30	10
W4	30	0	30	25

#### 5.2.3.4 Restricted Operation of Machinery

A *Holder of this FSP* harvesting a *Cutblock*, or carrying out a silviculture treatment, to which this *FSP* applies that includes a riparian management zone of an S4, S5, or an S6 stream, will not permit the tracks or wheels of ground-based machinery within 5 metres of a stream bank for the purpose of protecting natural vegetation including brush, advanced regeneration and deciduous trees.

#### 5.2.3.5 Alternative Strategies to Restricted Operation of Machinery

Paragraph 5.2.3.4 applies only to the extent practicable:

- at stream crossings;
- for the purpose of removing trees to address a safety concern;
- where operating the machinery more than 5 metres from the stream bank will create a higher risk of sediment delivery; or
- where the harvesting or treatment is conducted in a manner that protects stream banks and minimizes damage to natural vegetation.

#### 5.2.3.6 Stream Crossings – Protection of Water Quality and Aquatic Ecosystems

A *Holder of this FSP* who builds a road and constructs a stream crossing will do so in accordance with the Water Sustainability Regulation Sec. 43 & 44.

**5.2.4 Wildlife and Biodiversity – Landscape Level (FPPR s.9)**
**Information about Applicable Objective**

<b>Objective</b>	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>Date in Effect</b>	This objective was established on the coming into force of the Forest Planning and Practices Regulation on January 31, 2004.

**Result**
**5.2.4.1 Maximum Cutblock Size and Harvesting Adjacent to another Cutblock**

Each *Holder of this FSP* adopts as a result or strategy for activities of that Holder to which this *FSP* applies sections 64(1) (*Maximum Cutblock Size*) and 65(2) (*Harvesting Adjacent to Another Cutblock*) of the *FPPR* as those sections were on the *Legislated Planning Date* of this *FSP*.

<b>5.2.5 Wildlife and Biodiversity – Stand Level (FPPR s.9.1)</b>	
<b>Information about Applicable Objective</b>	
<b>Objective</b>	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.
<b>Date in Effect</b>	This objective was established on the coming into force of the Forest Planning and Practices Regulation on January 31, 2004.

## Result

### 5.2.5.1 Definitions

In Paragraphs 5.2.5.1 to 5.2.5.4:

“**Assessment Group**” means, for each licence to which this *FSP* applies, all of the *Cutblocks* belonging to cutting permits issued in each calendar year;

“**Gross Block Area**” means the area of a *Cutblock* that includes the net area to be reforested and the area occupied by permanent access structures. Unlike the definition for *Gross Cutblock Area* under the soils Paragraph 5.2.1.1, it does not include internal reserves and non-productive areas.

“**Wildlife Tree Retention Area**” (as defined in *FPPR* Section 1(1)) means an area occupied by wildlife trees that is located:

- (a) in a *Cutblock*;
- (b) in an area that is contiguous to a *Cutblock*; or
- (c) in an area that is sufficiently close to the *Cutblock* that the wildlife trees could directly impact on, or be directly impacted by, a forest practice carried out in the *Cutblock*; and
- (d) such that for the purposes of Paragraphs 5.2.5.2 & 5.2.5.3, a *Wildlife Tree Retention Area* may relate to more than one *Cutblock* if all of the *Cutblocks* that relate to the *Wildlife Tree Retention Area* collectively meet the *WTR* requirements.

“**Wildlife Tree Retention (WTR)**” means the area composed of either of the following or a combination of them:

- (a) a *Wildlife Tree Retention Area*; and
- (b) the area of wildlife trees retained within a *Cutblock* based on the following formula:

$$\text{Area} = \frac{\text{“Net Area to be reforested” of the Cutblock} * \text{(basal area reserved from harvesting)}}{\text{(Original basal area of the Cutblock)}}$$

#### **5.2.5.2 Wildlife Tree Retention for Each Assessment Group - Result replacing *FPPR* section 66(1) and 66(3)**

A *Holder of this FSP* who harvests timber on a *Cutblock* to which this *FSP* applies will ensure that, upon the expiry of the final cutting permit in the *Assessment group*, that the total *Wildlife Tree Retention* that relates to the *Cutblocks* within the *Assessment group* will be a minimum of 7% of the *Gross Block Area* of all blocks in the assessment group.

#### **5.2.5.3 Wildlife Tree Retention for a Single *Cutblock* - Result replacing *FPPR* section 66(2) and 66(3)**

A *Holder of this FSP* harvesting timber on a *Cutblock* that exceeds a *Gross Block Area* of 2 hectares to which this *FSP* applies will ensure that, on completion of the harvesting, the total *Wildlife Tree Retention* that relates to the *Cutblock* will be a minimum of 3.5% of the *Gross Block Area*.

#### **5.2.5.4 Restrictions on Harvesting Wildlife Tree Retention - Result replacing *FPPR* section 67**

A *Holder of this FSP* will not harvest *Wildlife Tree Retention* it has provided under Paragraph 5.2.5.2 or 5.2.5.3, or another Licensee's *WTR*, unless:

- (a) the trees on the “net area to be reforested” of the *Cutblock* to which the *Wildlife Tree Retention* relates have developed attributes consistent with a mature seral condition; or
- (b) a *Holder of this FSP* specifies in a site plan, on or before the reporting of harvest completion of the *Cutblock* a replacement area, number of trees or habitat that is equivalent to the portion of the *WTR* from which timber is to be harvested; and
  - (i) if the harvest involves another Licensee's *WTR*, ensure communication and agreement from the other Licensee, prior to harvest, for the necessary updating of forest cover, and to avoid damage to potential unknown values found within the *WTR*.

<b>5.2.6 Cultural Heritage Resources (FPPR s.10)</b>	
<b>Information about Applicable Objective</b>	
<b>Objective</b>	The objective set by government for <i>Cultural Heritage Resources</i> is to conserve, or, if necessary, protect <i>Cultural Heritage Resources</i> that are: <ul style="list-style-type: none"> <li>(a) the focus of a traditional use by an aboriginal people that is of continuing importance to that people, and</li> <li>(b) not regulated under the <i>Heritage Conservation Act</i>.</li> </ul>
<b>Date in Effect</b>	This objective was established on the coming into force of the Forest Planning and Practices Regulation on January 31, 2004.

## **Result and Strategy**

### **5.2.6.1 Definitions**

In Paragraph 5.2.6.1 and 5.2.6.2:

**“Potentially Affected First Nations”** means those First Nations with interest in an area as defined by the Consultative Areas Database, and those First Nations who have expressed an interest within an area directly to the *FSP* Holder, in whose interest area new *Cutblocks* or roads are located;

**“Cultural Heritage Resource (CHR)”** means “...an object, a site or the location of a traditional societal practice that is of historical, cultural or archaeological significance to British Columbia, a community or an aboriginal people” as defined in the *Forest Act*, and to which the objective pertains;

**“CHR Evaluation”** means an office and/or field based process conducted by an authorized member of a *Potentially Affected First Nation* or a *Qualified Professional*, to assess the existence, significance of, and potential direct impact of primary forest activities on a *CHR*. A *CHR Evaluation* is conducted where information regarding the presence, relative value and abundance of a *CHR* has been provided through a referral with and when recommended by a *Potentially Affected First Nation*, and may provide recommendations to mitigate the direct impact of primary forest activities on a *CHR*;

**“CHR Evaluation Protocol”** means a signed agreement or the portion of a signed agreement between the *FSP* Holder and a First Nation that defines the framework and timing of a *CHR Evaluation*;

**“CHR Mitigation Strategy”** means:

- (a) a plan to mitigate the direct impact of primary forest activities on a *CHR*, based on:
  - (i) the relative value or importance of a particular *CHR* to a traditional use by an aboriginal people;
  - (ii) the relative abundance or scarcity of a *CHR* that is the focus of a traditional use by an aboriginal people;
  - (iii) the historical extent of a traditional use by an aboriginal people of a *CHR*;

- (iv) the impact on government granted timber harvesting rights of conserving or protecting a **CHR** that is the focus of a traditional use by an aboriginal people; and
- (v) options for mitigating the impact that a forest practice might have on a **CHR** that is the focus of a traditional use by an aboriginal people.

### 5.2.6.2 Cultural Heritage Resources Strategy

In relation to the objective for **Cultural Heritage Resources** that is set out in Section 10 of the **FPPR**, where a **CHR Evaluation** has not been completed on a new **Cutblock** or road, the **FSP** Holder will:

- (a) where a **CHR Evaluation Protocol** has been developed with a **Potentially Affected First Nation**, follow the protocol where new **Cutblocks** or roads are proposed;
- (b) in the absence of a **CHR Evaluation Protocol** and prior to harvesting a **Cutblock** or constructing a road:
  - (i) refer areas where new **Cutblocks** or roads are proposed to **Potentially Affected First Nations**, requesting that the **Potentially Affected First Nation**:
    - (A) indicate the presence, relative value and abundance of a **CHR**; and
    - (B) identify where a **CHR Evaluation** is recommended;
  - (ii) where a **Potentially Affected First Nation** responds and identifies the need for a **CHR Evaluation**, ensure a **CHR Evaluation** is completed;
  - (iii) where a **CHR Evaluation** includes recommendations to mitigate the direct impact of primary forest activities on a **CHR**, develop a **CHR Mitigation Strategy** in conjunction with the **Potentially Affected First Nation**; and
  - (iv) where a **CHR Mitigation Strategy** cannot be agreed upon with the **Potentially Affected First Nation**, or advice is received without a mitigating recommendation or strategy, advice will be sought from **MFLNRO** district staff on how to proceed.
- (c) conduct primary forest activities consistent with the **CHR Mitigation Strategy**.

### 5.2.7 Water in Community Watersheds (FPPR s.8.2)

#### Information about Applicable Objective

<b>Objective</b>	<p>The objective set by government for water being diverted for human consumption through a licensed waterworks in a community watershed is to prevent the cumulative hydrological effects of primary forest activities within the community watershed from resulting in:</p> <ul style="list-style-type: none"> <li>(a) a material adverse impact on the quantity of water or the timing of the flow of the water from the waterworks; or</li> <li>(b) the water from the waterworks having a material adverse impact on human health that cannot be addressed by water treatment required under: <ul style="list-style-type: none"> <li>(i) an enactment; or</li> <li>(ii) the licence pertaining to the waterworks.</li> </ul> </li> </ul> <p>This objective applies only to the extent that it does not unduly reduce the supply of timber from British Columbia's forests.</p>
<b>Date in Effect</b>	This objective was established with the coming into force of an amendment to the Forest Planning and Practices Regulation on February 25, 2005.

#### Strategy

##### 5.2.7.1 Definitions

In Paragraphs 5.2.7.1 to 5.2.7.4:

“**Community Watershed Assessment**” means an analysis of the cumulative hydrological effects of existing and proposed primary forest activities within a *Designated Community Watershed*, conducted at the watershed level, which will consider the potential for the activities to cause:

- (a) a material adverse impact on the quantity of water or the timing of the flow of the water from the licensed waterworks; and
- (b) the water from the licensed waterworks having a material adverse impact on human health that cannot be addressed by water treatment required under an enactment, or the licence pertaining to the licensed waterworks.

The assessment will include recommendations to mitigate the identified impacts to water quantity, timing of flow, and water quality.

An existing assessment is considered relevant if the circumstances of the assessment or conditions within the watershed are unchanged from the time of the assessment;

“**Designated Community Watershed**” means the following: Anderson, Bell, Brook, Dillard, Hackett, Kwinshatin, Lee, Skuagam & Thomas.

### 5.2.7.2 General Conservation of Water Quality and Licensed Waterworks

Each *Holder of this FSP* adopts as a result or strategy for activities of that Holder to which this *FSP* applies sections 59 (*Protecting Water Quality*), 60(2) (*Licensed Waterworks*) and 61 (*Excavated or Bladed Trails*) of the *FPPR* as those sections were on the *Legislated Planning Date* of this *FSP*.

### 5.2.7.3 Limitations on Harvesting and Road Construction

Subject to Paragraph 5.2.7.4, if a *Holder of this FSP* is harvesting timber or constructing a road to which this *FSP* applies in a *Designated Community Watershed* that:

- (a) is defined in section 8.2(1) of the *FPPR*;
- (b) is located in an *FDU*; and
- (c) contains a licensed waterworks through which water is being diverted for human consumption;

that Holder will:

- (d) before carrying out timber harvesting or road construction:
  - (i) confirm the relevance of the most recent *Community Watershed Assessment* if one has been completed;
  - (ii) if the most recent assessment is no longer relevant, ensure a *Qualified Professional* updates the existing assessment or completes a new *Community Watershed Assessment*; or
  - (iii) if an assessment has not been completed on the *Designated Community Watershed*, ensure a *Qualified Professional* completes a *Community Watershed Assessment*;
- (e) subject to Subparagraph (f), conduct primary forest activities consistent with the recommendations in relevant, updated or newly completed *Community Watershed Assessment*; and
- (f) if the *Community Watershed Assessment* recommends limits on the amount of harvesting or road construction within that *Designated Community Watershed*, ensure that the harvesting of a *Cutblock* or construction of a road to which this *FSP* applies by that Holder in that community watershed will, when added to any *Established Cutblocks* or *Established Roads* in that community watershed, not cause these limits to be exceeded at the completion of harvesting or road construction.

#### **5.2.7.4 Alternative Result**

Paragraph 5.2.7.3 does not apply where a *Holder of this FSP* undertaking the harvesting or road construction is granted an exemption under section 8.2(4) or (5) of the *FPPR*.

### 5.3 Other Objectives Established or Continued under *FRPA*

#### 5.3.1 Scenic Areas (*Act* ss.180 and 181)

Information about Applicable Objective	
<b>Objective</b>	Visual quality objectives and their applicable scenic areas are identified on the map in Appendix B to this <i>FSP</i> .
<b>Date in Effect</b>	These objectives were established by the District Manager, Cascades Forest District, under the authority of the <i>Forest Practices Code of British Columbia Act</i> on September 30, 2003.

#### Result

##### 5.3.1.1 Definitions

In Paragraphs 5.3.1.1 to 5.3.1.3:

“**Landform**” means a distinct topographic feature, three dimensional in form, that is generally defined by ridges, valleys, shorelines and skylines, a number of which can make up a complete landscape;

“**Significant Public Viewpoint**” means a location which is on the water or land that is accessible to the public, provides a viewing opportunity and has relevance to the *Landform* being assessed. The viewpoint used in the *VLI* is not necessarily a *Significant Public Viewpoint*;

“**Visual Quality Objective**” (*VQO*) as defined in *FPPR* Section 1. *VQO* spatial and attribute data is housed in the BC Geographic Warehouse;

“**Visual Landscape Inventory**” (*VLI*) means an inventory that identifies and delineates areas of visual sensitivity near communities and along travel corridors throughout the province. It includes information about the visual condition, characteristics and sensitivity to alteration. It also contains scenic area and established *VQO* attributes. *VLI* spatial and attribute data is housed in the BC Geographic Warehouse;

“**Visual Landscape Unit**”: is a component of the *VLI* and means a distinct topographical unit as viewed from one or more viewpoints;

##### 5.3.1.2 Limitations on Harvesting and Road Construction

Subject to Paragraph 5.3.1.3, where a *Holder of this FSP* harvests a *Cutblock* or constructs a road within a *Visual Landscape Unit*, the resulting visual alteration (including *Established Cutblocks* and *Established Roads*) when assessed from a *Significant Public Viewpoint* at completion of harvesting or road construction will be consistent with the applicable category described in *FPPR* Section 1.1 (*Categories of Visually Altered Forest Landscape*) based on the *Visual Quality Objective*.

### 5.3.1.3 Alternative Result and Strategy if Exemption Approved

Where the *Minister* exempts a *Holder of this FSP* under section 12(7) of the *FPPR* from the requirement to specify a result or strategy in relation to a particular area, and in relation to the *Visual Quality Objective*, Paragraph 5.3.1.2 does not apply to the extent it is not practicable.

The harvesting or road construction being conducted in the particular *Visual Landscape Unit* will adhere to any conditions imposed by the *Minister* as well as the following:

- (a) measures are carried out to reduce the visual acuity and/or perceived scale of the resulting harvest by:
  - (i) designing *Cutblocks* and roads in a manner consistent with the design elements of the established *VQO*:
    - (A) mimicking natural line and form;
    - (B) incorporating irregular *Cutblock* boundaries; and/or
    - (C) retaining dispersed or groups of timber; and
  - (ii) considering the distance from the *Cutblock* as assessed from a *Significant Public Viewpoint*, and the position that the *Cutblock* occupies on the *Landform*;
- (b) the extent of alteration does not exceed the amount necessary to address the current circumstances or conditions, such as *Damaged Timber*; and
- (c) a rationale is prepared to support the Categories of Visually Altered Forest Landscape design that indicates the level of consistency with the components (scale, visual acuity and design) of the *VQO*.

### 5.3.2 Objectives for interpretive forest sites, recreation sites and recreation trails (*FRPA* ss.180 and 181)

#### Information about Applicable Objective

**Objective** Objectives for recreation sites and recreation trails are included in Appendix D.

**Date in Effect** The above objectives were established by the District Manager, Cascades Forest District, under the authority of the Forest Practices Code Act on January 31, 2000.

### Result and Strategy

#### 5.3.2.1 Definitions

In Paragraphs 5.3.2.1 to 5.3.2.4:

“**Objective**” means an *Objective* established in the *Order*;

“**Order**” means the Order to Establish Objectives for a Recreation Site, Recreation Trail or Interpretive Forest Site applicable to the Cascades Forest District and dated January 31, 2000;

“**Site**” means a recreation site that is identified in the order and on the map in Appendix B; and

“**Trail**” means an observable or marked path, identifiable in the field within a specific location identified as a recreation trail in the order and on the map in Appendix B.

#### 5.3.2.2 Limitations on Primary Forest Activities

Where a *Holder of this FSP* harvests a *Cutblock* or constructs a road within a recreation site or trail polygon, a section 16 “authorization to use” under the Forest Recreation Regulation will be required, and

a *Holder of this FSP* carrying out a primary forest activity under a *CP* or *RP* to which this *FSP* applies in an area of an *FDU* subject to an *Objective* will:

- (a) if an *Objective* refers to managing a *Trail* for a “semi primitive experience” not construct a new permanent road within 50 metres (slope distance) of that *Trail* except for a crossing of the *Trail* or no other practicable option exists;
- (b) if an *Objective* refers to managing a *Trail* for a “semi primitive non-motorized recreation experience” not construct a new permanent road within 50 metres (slope distance) of that *Trail* except for a crossing of the *Trail* or no other practicable option exists. Measures will be implemented at new road crossings to significantly impede motorized access onto the *Trail* upon completion of road construction;
- (c) if an *Objective* refers to managing a *Site* for a “semi primitive motorized recreation experience” or “semi primitive non-motorized recreation experience”, not harvest a *Cutblock* or construct a new road within that *Site*;

- (d) if an *Objective* requires that a *Trail* or *Site* be maintained or conserved, not render that *Trail* or *Site* ineffective, as determined at the completion of a primary forest activity that directly affects that *Trail* or *Site*, if that *Trail* or *Site* is then being maintained by or on behalf of government;
- (e) if an *Objective* applicable to a *Site* requires the conservation of the lakeshore, river shore, or creek shore, not conduct primary forest activities within 10 metres (slope distance) of the identified shore;
- (f) if an *Objective* requires the conservation of vegetation or natural vegetation adjacent to a *Trail* or *Site*:
  - (i) not use tracks or wheels of ground based machinery within 2.5 metres (slope distance) of that *Trail* or *Site*, except for a crossing of the *Trail*, unless no other practicable option exists; and
  - (ii) not harvest wind-firm trees that do not pose a forest health risk within 2.5 metres (slope distance) of that *Trail* or *Site* except at crossings of the *Trail*;
- (g) subject to Subparagraphs (a), (c) and (e), if an *Objective* prohibits motorized use of a *Trail*, not carry on such prohibited use except to the extent necessary to facilitate harvesting or road construction and use on or contiguous to that *Trail*.

### 5.3.2.3 Alternative Result

Paragraph 5.3.2.2 applies only to the extent practicable where:

- (a) the *MFLNRO* District Recreation staff agrees in writing to the proposed primary forest activity; and
- (b) the primary forest activity is conducted in a manner consistent with any conditions identified by the *MFLNRO* District Recreation staff.

#### 5.3.2.4 Result & Strategy for Established Recreation Sites and Trails without *Objectives*.

Established *Site* and *Trail* locations are those found in “Data BC”:

<http://www.data.gov.bc.ca>

Where a *Holder of this FSP* harvests a *Cutblock* or constructs a road within a recreation site or trail polygon, a section 16 “authorization to use” under the Forest Recreation Regulation will be required and a *Holder of this FSP* will:

- a) **for Trails:**
  - (i) remove debris and re-establish the trail tread at the completion of harvest and/or road construction to the condition prior to the incursion;
  - (ii) minimize road crossings to prevent damage to the *Trail*;
  - (iii) erect signage notifying trail users of the activity during operations;
  - (iv) target harvest during periods of low use (e.g. winter harvest for summer *Trails* and vice-versa);
  
- b) **For Sites:**
  - (i) rehabilitate any direct impacts to a *Site*, or access to it, as close to its original state as possible;
  - (ii) target harvest during periods of low use (e.g. winter harvest for summer use *Sites*, and vice-versa).

<b>6 Stocking Standards</b>	
<b>Information about Applicable Measure</b>	
<b>Source</b>	<b>FPPR s. 16</b>
	<p>(1) A person required to prepare a forest stewardship plan must ensure that the plan specifies the situations or circumstances that determine when section 44 (1) [<i>free growing stands generally</i>] or section 45 [<i>free growing stands collectively across Cutblocks</i>] will apply to an area.</p> <p>(2) In specifying a stocking standard under this section, a person who prepares a forest stewardship plan may consider the factors set out in section 6 [<i>factors relating to stocking standards</i>] of Schedule 1.</p> <p>(3) A person required to prepare a forest stewardship plan must ensure that the plan specifies, for each of the situations or circumstances specified under subsection (1) where</p> <p>(a) section 44 (1) (a) will apply, the regeneration date and stocking standards,</p> <p>(b) section 44 (1) (b) will apply, the free growing height and stocking standards,</p> <p>(c) section 45 (1) will apply, the regeneration date and the stocking standards, and</p> <p>(d) section 45 (2) will apply, the free growing date and the stocking standards, as approved by the chief forester.</p> <p>(4) A person required to prepare a forest stewardship plan must ensure that the plan specifies stocking standards for areas referred to in section 44 (4), and the situations or circumstances that determine when the stocking standards will be applied.</p> <p>(5) A holder of a major licence that is a forestry licence to cut entered into under section 24.8 of the <i>Forest Act</i> or converted into a forestry licence to cut under section 24.9 of the <i>Forest Act</i> is exempt from this section.</p> <p>[am. B.C. Regs. 62/2005, s. 3; 102/2005, s. 1.]</p>
<b>Source</b>	<b>FPPR s. 44</b>
	<p>(1) A person who has an obligation to establish a free growing stand must establish, for areas that have been identified under section 16 (1) [<i>stocking standards</i>] as areas to which this section will apply, a stand that</p> <p>(a) meets the applicable stocking standards set out in the forest stewardship plan for the area, by the applicable regeneration date specified for the area, and</p> <p>(b) meets the applicable stocking standards and free growing height set out in the forest stewardship plan for the area by a free growing date that is no more than 20 years from the commencement date, unless the minister permits a later free growing date.</p> <p>(2) If an <b>Agreement Holder</b> contravenes section 52 (1) [<i>unauthorized timber harvesting</i>] of the <i>Act</i>, the holder must establish, on the area on which the contravention occurred, a stand that meets the requirements specified in the holder's forest stewardship plan for an area with similar attributes, as if the area on which the contravention occurred had been identified under section 16 (1) as being subject to this section.</p> <p>(3) A person is exempt from the requirements of section 29 (1) and (2) [<i>free growing stands</i>] of the <i>Act</i> in respect of an area if timber harvesting is restricted to one or more of the following:</p> <p>(a) harvesting timber to eliminate a safety hazard;</p> <p>(b) harvesting timber to facilitate the collection of seed, leaving an opening not greater than 1 ha;</p> <p>(c) removing felled trees from landings and road rights of way;</p>

	<p>(d) harvesting trees on land that is, or will be, exclusively used for harvesting hay or grazing livestock in accordance with an agreement under the Range Act;</p> <p>(e) harvesting timber for experimental purposes if, in the opinion of the minister, the harvesting will be carried out under controlled scientific or investigative conditions;</p> <p>(f) clearing areas for or within a recreation site or recreation trail;</p> <p>(g) felling and removing trees that have been or will be treated to facilitate the entrapment of pests;</p> <p>(h) commercial thinning, removal of individual trees, or a similar type of intermediate cutting;</p> <p>(i) harvesting special forest products.</p> <p>(4) A person who harvests timber for the reasons referred to in subsection (3) (h) and (i) must ensure that, for a period of 12 months after completion of harvest, the area on which timber harvesting was carried out conforms to the stocking standards specified in section 16 (4) for the area.</p> <p>[am. B.C. Regs. 580/2004, s. 33; 152/2007, s. 1.]</p>
<b>Source</b>	<b>FPPR</b> s. 45
	<p>(1) If a person specifies in a forest stewardship plan under section 16 (1) [<i>stocking standards</i>] that the requirement to be met by the regeneration date relates to a group of <b>Cutblocks</b>, the person must establish stands on the net areas to be reforested that conform to the applicable stocking standards by the applicable regeneration date, as identified under section 16 (3) (c).</p> <p>(2) If a person specifies in a forest stewardship plan, under section 16 (1), that the requirement to be met by the free growing date relates to a group of <b>Cutblocks</b>, the person must establish stands on the net areas to be reforested that conform to the applicable stocking standards by the applicable free growing date as identified under section 16 (3) (d).</p>
<b>Source</b>	<b>FRPA</b> ss. 29
	<p>(1) A holder of a major licence or community forest agreement who harvests timber to which a forest stewardship plan applies must establish in accordance with the plan, the prescribed requirements and the standards, a free growing stand on those portions of the area of the harvest that are in the net area to be reforested.</p> <p>(2) If the timber sales manager</p> <p>(a) has authorized the harvesting of timber under a timber sale licence that requires its holder to prepare a forest stewardship plan, or</p> <p>(b) is the holder of a forest stewardship plan,</p> <p>he or she must establish in accordance with the plan, the prescribed requirements and the standards, a free growing stand on those portions of the area of the harvest under the plan that are in the net area to be reforested.</p> <p>(3) A holder of a woodlot licence who harvests timber under the licence must establish a free growing stand on those portions of the area of the harvest that are in the net area to be reforested in accordance with</p> <p>(a) the woodlot licence plan, if any, that is pertinent to the licence,</p> <p>(b) the prescribed requirements, and</p> <p>(c) the standards.</p> <p>(4) [Repealed 2003-55-18.]</p> <p>(5) to (10) [Repealed 2004-36-89.]</p>
<b>Source</b>	<b>FRPA</b> 197(5)

(5) If, before the replacement under subsection (1) of a part of a forest development plan, (a) the holder (i) begins harvesting of a <b>Cutblock</b> , and (ii) is required to establish a free growing stand on an area harvested, and (b) the stocking standards specified in the plan apply to the net area to be reforested, unless otherwise specified in a forest stewardship plan, the stocking standards in the plan remain in effect until the free growing stand is established.
---

## 6.1 Stocking Standards

A **Holder of this FSP** that is establishing a free growing stand:

- (a) under section 29 of the **Act**; or
- (b) on an area within a **Cutblock** listed in Appendix E to this **FSP**;

will do so in accordance with the stocking standards set out in Appendix A to this **FSP**.

See Appendix A for Stocking Standards. These stocking standards, as previously approved will remain in effect until changes are made to implement the updated Biogeoclimatic Ecosystem Classification (**BEC**) and associated Land Management Handbooks. An amendment will be made to incorporate the stocking standards and variations, as developed by the Thompson Okanagan Stocking Standards Working Group, upon completion and approval of the new standards.

## 7 Measures to Prevent the Introduction or Spread of Invasive Plants

### Information about Applicable Measure

<b>Source</b>	<b>FPPR s. 17</b>
	For the purpose of section 47 [ <i>invasive plants</i> ] of the <i>Act</i> , 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. [am. B.C. Reg. 580/2004, s. 15]
<b>Source</b>	<b>FRPA s. 47</b>
	<p>(1) A person carrying out a forest practice or a range practice must carry out measures that are</p> <p>(a) specified in the applicable operational plan, or</p> <p>(b) authorized by the minister</p> <p>to prevent the introduction or spread of prescribed species of invasive plants.</p> <p>(2) Despite expiry of the operational plan referred to in subsection (1) (a), subsection (1) continues to apply to the holder of that plan in respect of any area that is</p> <p>(a) in a forest development unit included in the plan, and</p> <p>(b) subject to a cutting permit or road permit issued in respect of the plan before the plan expired.</p> <p>(3) If a forest stewardship plan is amended to remove the holder of a licence or an agreement as a party to the plan, subsection (1) continues to apply to that holder in respect of any area that is</p> <p>(a) in a forest development unit included in the plan, and</p> <p>(b) subject to a cutting permit or road permit issued in respect of the plan before the plan was amended.</p>

### 7.1 Definitions

In Paragraphs 7.2 to 7.6:

“**High Hazard Invasive Plants**” means the following plants: Anchusa, Blueweed, Leafy Spurge, Hoary Cress, Scotch Thistle, Tansy Ragwort, Common Tansy, Orange Hawkweed, Knapweed Species (brown, black, spotted), Sulphur Cinquefoil, Hoary Alyssum, Rush Skeletonweed, Baby’s Breath, Perennial Pepperweed, Field Scabious, Teasel, and Scotchbroom, or as updated based on input from *FLNRORD* and *MOTI*;

“**Invasive Plant Zone**” means the zone as determined by the *Holders of this FSP*, and updated on an annual basis, designed to encompass, and buffer by 500 metres, the known locations of Invasive Plants contained in the Invasive Plant Regulation. The known locations are those identified in the Provincial government databases of invasive plants such as IAPP, as well as those observed in the field.

“**Personnel**” means persons working on behalf of the *Holders of this FSP* conducting activities such as road and *Cutblock* development, road inspections, site plan data collection, road and logging supervision, and silviculture surveys.

## 7.2 Education of Personnel

The **Holder of this FSP** will provide annual training to **Personnel** on reporting and identification of the **High Hazard Invasive Plants**.

## 7.3 Identifying and Reporting

The **Holder of this FSP** will ensure that a previously unidentified **High Hazard Invasive Plant** infestation within the **FDU**, as identified by **Personnel**, is reported through the Report-A-Weed app ([www.gov.bc.ca/invasive-species](http://www.gov.bc.ca/invasive-species)) within 90 days of the **Holder of this FSP** becoming aware of the new infestation.

## 7.4 Seeding

If a **Holder of this FSP** exposes mineral soil:

- (a) within an **FDU**;
- (b) that results from the activities to which this **FSP** applies;
- (c) that results from the activities in the following table;
- (d) the exposure meets the criteria in the following table; and
- (e) it is likely that an invasive plant will be introduced or spread as a result of this exposure, the **Holder of this FSP** will seed the exposed area in accordance with Paragraph 7.5

Activity	Description of area to be seeded	Location of Exposed Mineral Soil
Construct, Reconstruct, or Deactivate	<ul style="list-style-type: none"> <li>• Permanent landings;</li> <li>• Cut slopes, fill slopes and ditch lines of permanent roads</li> </ul>	Within the <b>FDU</b> (For greater clarity, this clause applies to areas both within and outside the <b>Invasive Plant Zone</b> described in Paragraph 7.1 of this <b>FSP</b> )
Construct or use	<ul style="list-style-type: none"> <li>• Borrow pit authorized under a <b>RP</b> or <b>CP</b></li> </ul>	Within the <b>FDU</b> (For greater clarity, this clause applies to areas both within and outside the <b>Invasive Plant Zone</b> described in Paragraph 7.1 of this <b>FSP</b> )
Timber Harvesting, Silviculture Treatments, Road Construction and Road Deactivation	<ul style="list-style-type: none"> <li>• Exposed mineral soil exceeding 0.1 contiguous ha. (excluding the running surface of permanent roads)</li> </ul>	At the time the activity takes place, the activity is within an <b>Invasive Plant Zone</b>

## 7.5 Timing and Seed Quality

A *Holder of this FSP* referred to in Paragraph 7.4 will seed with Common #1 Forage Mixture or a forage mixture as recommended by *MFLNRO* range staff:

- (a) at least 90% of the total area exposed in a calendar year that requires seeding under Paragraph 7.4, by July 1 of the immediately following calendar year; and
- (b) the remainder of such exposed area prior to December 31 of the same immediately following calendar year.
- (c) if within an “*Invasive Plant Zone*,” where:
  - (i) within 24 months of the grass seeding identified in Subparagraph (a) above, it is identified during road inspections that the area is insufficiently revegetated (<10% cover); then

the exposed area will be re-seeded at least once in addition to the seeding identified in Subparagraph (a) above.

## 7.6 Inspection of Equipment

If a *Holder of this FSP* conducts timber harvesting, silviculture treatments, road construction, or road deactivation, to which this *FSP* applies, within a *Cutblock* or road which contains an *Invasive Plant Zone*, then the *Holder of this FSP* will ensure that the person conducting the activity will remove any observed invasive plant material, or significant accumulations of soil (greater than 2 litre accumulation) which may contain invasive plant material, from the machinery prior to that machinery being relocated outside of the *Cutblock* or road.

<b>8 Measures to Mitigate the Effect of Removing or Rendering Ineffective Natural Range Barriers</b>	
<b>Information about Applicable Measure</b>	
<b>Source</b>	<b>FPPR s. 18</b>
	For the purpose of section 48 [ <i>natural range barriers</i> ] of the <i>Act</i> , a person who prepares a forest stewardship plan must specify measures to mitigate the effect of removing or rendering ineffective natural range barriers.
<b>Source</b>	<b>FRPA s. 48</b>
	A person carrying out (a) a forest practice, or (b) a range practice that directly or indirectly removes or renders ineffective a natural range barrier must carry out measures that are (c) specified in an operational plan for the area, or (d) authorized by the minister to mitigate the removal or the ineffectiveness of the natural range barrier.

### 8.1 Definitions

In Paragraphs 8.1 & 8.2:

“**Natural Range Barriers**” means naturally occurring features that stop or impede livestock movement to and from an adjacent area. They may include rivers, rock faces, shrub thickets, and standing or downed timber;

“**Range Agreement Holder**” means the holder of a range tenure as defined under the Range Act or Land Act;

“**Mitigation Actions**” means activities or range development installations constructed or installed consistent with Ministry standards and subject to Ministry approval, that have the purpose of replacing a *Natural Range Barrier* rendered ineffective by harvesting or road construction. These actions may include but are not limited to any or all of:

- (a) creation of logging debris fences;
- (b) adjusting *Cutblock* boundaries or road locations; and/or
- (c) installation of range developments such as fences, cattle guards or gates.

“**NRB Mitigation Strategy**” means is a plan developed to mitigate the removal or the rendering ineffective of a *Natural Range Barrier*, that specifies:

- (a) what *Mitigation Actions* are to be undertaken;
- (b) who is responsible for undertaking the *Mitigation Actions*;
- (c) where the *Mitigation Actions* will occur; and
- (d) when the *Mitigation Actions* will be completed.

## 8.2 Natural Range Barriers Measures

In relation to the objectives set by government to mitigate the effect of removing or rendering ineffective *Natural Range Barriers*, a *FSP* Holder will:

- (a) on an annual basis, where new harvesting or road construction activities are proposed within existing *Range Tenure*, refer the proposed activities to the potentially affected *Range Agreement Holder*. The referral will:
  - (i) specify the location of the proposed harvesting and road construction; and
  - (ii) request that the *Range Agreement Holder* identify the location of *Natural Range Barriers* that may be rendered ineffective by the proposed harvesting or road construction; and
- (b) prior to harvesting a *Cutblock* or constructing a road:
  - (i) where the *Range Agreement Holder* responds prior to the submission of the *CP* or *RP* and identifies a *Natural Range Barrier* that will be removed or rendered ineffective, develop a *NRB Mitigation Strategy*, incorporating the information communicated by the *Range Agreement Holder* to the extent that it is practicable to do so;
  - (ii) where there is knowledge of a *Natural Range Barrier*, and where the *Range Agreement Holder* fails to respond to the referral, advise the *MFLNRO* District Range staff and ask for any input they may have;
  - (iii) where a *NRB Mitigation Strategy* cannot be agreed to with a *Range Agreement Holder*, develop a *NRB Mitigation Strategy* with input from the *MFLNRO* District Range staff and communicate the *NRB Mitigation Strategy* to the *Range Agreement Holder*;
  - (iv) where new harvesting or road construction is proposed in an area where *Range Tenure* is not currently assigned, refer the proposal to the *MFLNRO* District Range staff, as outlined in Subparagraph (a) above;
- (c) where the *MFLNRO* District Range staff responds prior to the submission of the *CP* or *RP* and identifies that a *Natural Range Barrier* will be removed or rendered ineffective, develop a *NRB Mitigation Strategy*, incorporating the information communicated by the *MFLNRO* District Range staff; and
- (d) conduct activities that are the responsibility of the *FSP* Holder consistent with the *NRB Mitigation Strategy*.

## 9 Signatures of Persons Authorized to Sign on Behalf of Persons Required to Prepare this *FSP*

### Information about Applicable Measure

**Source** *FRPA* s. 5(3))

(3) A forest stewardship plan or an amendment to a forest stewardship plan must be signed by the person required to prepare the plan, if an individual or, if a corporation, by an individual or the individuals authorized to sign on behalf of the corporation.

Aspen Planers Ltd.  
 Qwa'et Forest Products Ltd.  
 Stuwix Resources Ltd.  
 Lower Nicola Indian Band  
 Cook's Ferry First Nation  
 Coldwater Indian Band  
 Nooaitch Indian Band  
 Siska Indian Band  
 Trace Resources Ltd.  
 Nadina Logging Ltd.  
 Millennium Forest Management Inc.  
 489581 BC Ltd.  
 Maka Contracting Ltd.  
 Nicomen Indian Band  
 Upper Nicola Band  
 Basin Environmental Corp.



Per: \_\_\_\_\_

Authorized signatory  
 Brent Turmel, RPF

## Appendix A: Stocking Standards

### 1.0 Interpretation

#### 1.1 Definitions

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

- (a) **“Even-Aged Stand”** means a post-harvest stand of trees consisting of only one or two age classes;
- (b) **“Multi-Layer Stand”** means a post-harvest stand of trees consisting of two or more Layers;
- (c) **“Site Level Plan”** means the pre-harvest silviculture prescription, silviculture prescription or site plan in effect for an area;
- (d) **“Countable Tree”** means a coniferous tree that is at least
  - (i) 50% of the median height of the preferred and acceptable well-spaced trees in the survey plot, if the median height is 2 m or greater; or
  - (ii) 30% of the median height of the preferred and acceptable well-spaced trees in the survey plot, if the median height is less than 2 m;
- (e) **“Minimum Stocking Standard”** means the minimum number of Well-Spaced preferred and acceptable trees per hectare;
- (f) **“Well-Spaced”** means a distance between trees that is greater than or equal to the minimum inter-tree distance specified in Paragraph 7.0;
- (g) the **“Layers”** specified in Paragraph 4.0 mean as follows:
  - (i) **“Layer 1”** means mature trees greater than 12.5 centimetres in diameter at breast height;
  - (ii) **“Layer 2”** means pole trees 7.4 to 12.5 centimetres in diameter at breast height;
  - (iii) **“Layer 3”** means sapling trees greater than 1.3 metres in height and up to 7.4 centimetres in diameter at breast height; and
  - (iv) **“Layer 4”** means regeneration trees less than 1.3 metres in height.
- (h) **“Regeneration Commencement Date”** means December 1 in the year that harvest on a cutblock commences.

## 1.2 Paragraph References

Unless indicated otherwise in this Appendix, a reference in this Appendix to a Paragraph or Subparagraph is a reference to that Paragraph or Subparagraph in this Appendix.

## 2.0 Election

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

MILESTONE	CUTBLOCK > 1 HA
<b>Regeneration</b> (FPPR ss. 16(3)(a) and 44(1)(a))	<ul style="list-style-type: none"> <li>➤ <u>Regeneration Date</u>, as set out in Paragraph 6.0;</li> <li>➤ <u>Species and Minimum Density for even aged stands</u> as set out in Paragraph 3.0; and</li> <li>➤ <u>Minimum Density for Uneven Aged Stands</u> as set out Paragraph 4.0</li> </ul>
<b>Free Growing</b> (FPPR ss.16(3)(b) and 44(1)(b))	<ul style="list-style-type: none"> <li>➤ <u>Species and Minimum Density for even aged stands</u> as set out in Paragraph 3.0; and</li> <li>➤ <u>Minimum Density for Uneven Aged Stands</u> as set out Paragraph 4.0                             <ul style="list-style-type: none"> <li>○ <u>Maximum Density</u>, as set out in Paragraph 5.0</li> </ul> </li> </ul>

## 3.0 Species, Free Growing Height, and Minimum Stocking

- (a) Where applicable under Paragraphs 2.0, the species, minimum free growing height, and stocking for the relevant biogeoclimatic zone, subzone and site series are as follows:

		Species		Minimum Free Growing Height		Minimum Stocking		
		Preferred	Acceptable	Species	Height (metres)	Target	Minimum Preferred/ Acceptable	Minimum Preferred
<b>ESSFdc1</b>	01	PI Sx	Bl	PI	1.6	1200	700	600
				Other	0.8			
	02	PI	Bl Sx	PI	1.2	1000	500	400
				Other	0.6			
	03	PI	Bl Sx	PI	1.2	1000	500	400
				Other	0.6			
	04	PI Sx	Bl	PI	1.6	1200	700	600
				Other	0.8			
	05	PI Sx	Bl	PI	1.2	1000	500	400
				Other	0.6			
	06	PI Sx Bl		PI	1.2	1000	500	400
				Other	0.6			
<b>ESSFdc2</b>	01	PI Sx	Bl	PI	1.6	1200	700	600
				Others	0.8			

		Species		Minimum Free Growing Height		Minimum Stocking		
		Preferred	Acceptable	Species	Height (metres)	Target	Minimum Preferred/ Acceptable	Minimum Preferred
	03	Pl Sx	Bl Pa	Pl	1.2	1000	500	400
				Others	0.6			
	04	Pl Sx	Bl	Pl	1.2	1000	500	400
				Others	0.6			
	05	Pl Sx	Bl	Pl	1.2	1000	500	400
				Others	0.6			
	06	Pl Sx	Bl	Pl	1.6	1200	700	600
				Others	0.8			
	07	Pl Sx	Bl	Pl	1.6	1200	700	600
				Others	0.8			
	08	Pl Sx Bl		Pl	1.2	1000	500	400
				Others	0.6			
<b>ESSFmw</b>	01	Sx Pl	Ba Bl	Pl	2.0	1200	700	600
				Others	1.0			
	02	Pl Fd Sx	Bl	Pl	1.4	1000	500	400
				Others	0.8			
	03	Pl Fd Sx	Bl	Pl	1.4	1000	500	400
				Others	0.8			
	04	Pl Sx Fd	Ba Bl	Pl	2.0	1200	700	600
				Others	1.0			
	05	Bl Sx	Pl Ba	Pl	2.0	1200	700	600
				Others	1.0			
	06	Bl Sx	Pl Ba	Pl	2.0	1200	700	600
				Others	1.0			
	07	Ba Bl Sx	Pl Cw	Pl	1.4	1000	500	400
				Others	0.8			
	08	Bl Sx	Pl	Pl	1.4	1000	500	400
				Others	0.8			
<b>ESSFxc</b>	01	Pl Sx	Bl	Pl	1.6	1200	700	600
				Others	0.8			
	02	Pl	Bl Sx	Pl	1.2	600	400	400
				Others	0.6			
	05	Pl Sx	Bl	Pl	1.2	1000	500	400
				Others	0.6			
	06	Pl Sx	Bl	Pl	1.6	1200	700	600
				Others	0.8			
	07	Pl Sx	Bl	Pl	1.6	1200	700	600
				Others	0.8			
	08	Pl Sx Bl		Pl	1.2	1000	500	400
				Others	0.6			
<b>IDFdk1</b>	01	Fd Pl Lw Py	Sx At	Pl, Lw, Fd	1.0	1000	500	400
				Others	0.6			
	02	Fd Py	Pl At	Fd	0.8	600	400	400
				Others	0.6			
	03	Fd Pl Py	At	Pl, Fd	1.0	600	400	400
				Others	0.8			
				Others	0.6			

		Species		Minimum Free Growing Height		Minimum Stocking		
		Preferred	Acceptable	Species	Height (metres)	Target	Minimum Preferred/ Acceptable	Minimum Preferred
	04	Fd Pl Py	Sx At	Pl,	1.0	1000	500	400
				Fd	0.8			
				Others	0.6			
	05	Fd Sx Pl	Py Bl Lw Cw At Ep Act	Pl, Lw,	1.0	1000	500	400
				Fd	0.8			
				Others	0.6			
	06	Pl Sx Fd	Bl At Ep Act	Pl,	1.0	1000	500	400
				Fd	0.8			
				Others	0.6			
<b>IDFdk2</b>	01	Fd Pl Py	Lw At Sx	Pl, Lw,	1.0	1000	500	400
				Fd	0.8			
				Others	0.6			
	02	Fd Py	At	Fd	0.8	600	400	400
				Others	0.6			
	03	Fd Pl Py	At	Pl,	1.0	1000	500	400
				Fd	0.8			
				Others	0.6			
	04	Fd Pl Sx	Lw Py At	Pl, Lw,	1.4	1200	700	600
				Fd	1.0			
				Others	0.8			
	05	Fd Sx Pl	Lw Cw Py At Ep Act	Pl, Lw,	1.4	1200	700	600
				Fd	1.0			
				Others	0.8			
	06	Pl Sx Fd	Py At Ep Act	Pl,	1.0	1000	500	400
				Fd	0.8			
				Others	0.6			
	07	Pl Sx	Cw At Ep Act	Pl,	1.0	1000	500	400
				Others	0.6			
<b>IDFdk3</b>	01	Pl Fd	Sx	Pl	1.4	1200	700	600
				Fd	1.0			
				Sx	0.8			
	02	Pl Fd		Pl	1.0	1000	500	400
				Fd	0.8			
	03	Pl Fd		Pl	1.0	600	400	400
				Fd	0.8			
	04	Pl Fd		Pl	1.4	1200	700	600
				Fd	1.0			
	05	Pl Fd		Pl	1.4	1200	700	600
				Fd	1.0			
	06	Pl Fd		Pl	1.4	1200	700	600
				Fd	1.0			
	07	Pl Fd Sx		Pl	1.0	1000	500	400
				Fd	0.8			

		Species		Minimum Free Growing Height		Minimum Stocking		
		Preferred	Acceptable	Species	Height (metres)	Target	Minimum Preferred/ Acceptable	Minimum Preferred
				Sx	0.6			
	08	Pl Fd Sx	Bl	Pl	1.0	1000	500	400
				Fd	0.8			
				Sx Bl	0.6			
	09	Pl Sx	Bl	Pl	1.0	1000	500	400
				Others	0.6			
<b>IDFxb1</b>	01	Fd Py	Lw At	All	0.6	1000	500	400
	02	Py Fd		All	0.6	400	200	200
	03	Py Fd		All	0.6	600	400	400
	04	Pl Py Fd	Sx Lw	All	0.6	600	400	400
	05	Py Fd		All	0.6	600	400	400
	06	Fd Py	At Lw	All	0.6	1000	500	400
	07	Fd Py	At Cw Lw	All	0.6	1000	500	400
	08	Fd Pl Sx Py	Cw At Ep Act	Pl	1.0	1200	700	600
				Others	0.8			
<b>IDFxb2</b>	01	Fd Py	At	All	0.6	1000	500	400
	02	Py Fd		All	0.6	400	200	200
	03	Py Fd		All	0.6	400	200	200
	04	Py Fd		All	0.6	600	400	400
	05	Fd Py		All	0.6	1000	500	400
	06	Fd Py	At	All	0.6	1200	700	600
	07	Fd Sx	Py Cw At Ep Act	All	0.6	1200	700	600
	08	Sx Fd	Pl At Ep Act	Pl,	0.8	1000	500	400
				Others	0.6			
<b>IDFxb2a</b>	95	Fd Py	At	All	0.8	1200	700	600
<b>MSdm2</b>	01	Pl Sx Fd Lw	Bl Py Cw Hw At	Pl, Lw, Others	1.4 0.8	1200	700	600
	03	Fd Pl	Bl Sx Cw Hw At	Pl, Others	1.0 0.6	1000	500	400
	04	Pl Sx Fd	Bl Lw Py Cw Hw At	Pl, Lw, Others	1.4 0.8	1200	700	600
	05	Pl Sx Fd	Py Bl Cw Hw At Act	Pl, Others	1.4 0.8	1200	700	600
	06	Pl Sx Fd	Bl Cw Hw At Act	Pl, Others	1.4 0.8	1200	700	600
	07	Pl Sx	Bl Cw Hw At Act	Pl, Others	1.0 0.6	1000	500	400
<b>MSxk</b>	01	Pl Sx Fd Lw	Bl At	Pl, Lw Others	1.4 0.8	1200	700	600
	02	Pl Fd	Sx Bl At	Pl	1.0	1000	500	400

		Species		Minimum Free Growing Height		Minimum Stocking		
		Preferred	Acceptable	Species	Height (metres)	Target	Minimum Preferred/ Acceptable	Minimum Preferred
				Others	0.6			
	05	Pl Fd	Bl Sx At	Pl	1.0	1000	500	400
				Others	0.6			
	06	Pl Sx Fd	Lw Bl At	Pl, Lw,	1.4	1200	700	600
				Others	0.8			
	07	Pl Sx Fd	Bl At	Pl	1.4	1200	700	600
				Others	0.8			
	08	Pl Sx	Bl Fd At Act	Pl,	1.4	1200	700	600
				Others	0.8			
	09	Pl Sx Bl	At Act	Pl,	1.0	1000	500	400
				Others	0.6			
<b>CWHms1</b>	01	Fdi, Sx Cw Hw Ba	Yc Pw	Fdi Pw	2.3	900	500	400
				Cw Hw Yc	1.5			
				Sx	1.0			
				Ba	0.8			
	02	Fdi Pli		Pli	1.3	400	200	200
				Fdi	1.5			
	03	Fdi Cw Sx	Ba	Fdi	2.3	800	400	400
				Cw	1.5			
				Sx	1.0			
				Ba	0.8			
	04	Fdi Cw Sx Ba	Hw Pw	Fdi	3.0	900	500	400
				Pw	2.5			
				Cw Hw	2.0			
				Sx	1.3			
				Ba	1.0			
	05	Cw Sx Ba Hw Yc		Cw Hw Yc	1.5	900	500	400
				Sx	1.0			
				Ba	0.8			
	06	Cw Sx Yc Fdi	Ba Bg	Fdi	3.0	900	500	400
				Bg	2.5			
				Cw Yc	2.0			
				Sx	1.3			
				Ba	1.0			
	07	Cw Ba Ss	Fdi Sx	Ss	4.0	900	500	400
				Fdi	3.0			
				Cw	2.0			
				Sx	1.3			
				Ba	1.0			
	08	Cw	Ba	Cw	2.0	900	500	400
				Ba	1.0			
	10	Pli	Cw	Pli	1.3	400	200	200

		Species		Minimum Free Growing Height		Minimum Stocking		
		Preferred	Acceptable	Species	Height (metres)	Target	Minimum Preferred/ Acceptable	Minimum Preferred
				Cw	1.0			
	11	Cw Yc	Pw Sx	Pw	2.5	800	400	400
				Sx	2.0			
				Cw Yc	1.0			
<b>PPxh2</b>	01	Fd Py		Fd Py	0.6	400	200	200
	02	Fd Py		Fd Py	0.6	400	200	200
	03	Fd Py		Fd Py	0.6	400	200	200
	04	Fd Py		Fd Py	0.6	400	200	200
	06	Fd Py		Fd Py	0.6	600	400	400
	07	FD Pl Sx	Py	All	0.6	1000	500	400

- (b) Deciduous will only contribute towards regeneration or free growing stocking if they:
- (i) are residual stems; and
  - (ii) will contribute to biodiversity.
- (c) To account for blocks within transitional BEC zones, Douglas-fir, regardless whether it is listed under the applicable BEC zone in 3(a), will contribute towards a preferred species for regeneration or free growing stocking if they:
- (i) are naturally occurring on the site; and
  - (iii) are not limited in productivity, reliability or feasibility; and
  - (iii) will contribute to biodiversity.

#### 4.0 Minimum Density for Multi-Layer Stands

Where applicable under Paragraphs 3.0, for a *Multi-Layer Stand*, the *Minimum Stocking Standard* for the relevant biogeoclimatic zone or subzone and site series, as determined from cross-referencing the *Target Stocking* from *Even Aged Stand*, will be as follows:

Target Stocking from Even Aged Stand	Layer	Target Stocking	Minimum Preferred & Acceptable	Minimum Preferred
1200	1	600	300	250
	2	800	400	300
	3	1000	500	400
	4	1200	700	600
1000	1	400	200	200
	2	600	300	250
	3	800	400	300
	4	1000	500	400
800	1	300	150	150
	2	400	200	200
	3	600	300	300
	4	800	400	400
600	1	300	150	150
	2	400	200	200
	3	500	300	300
	4	600	400	400

#### 5.0 Maximum Density

The maximum number of *Countable Trees* is:

- (a) 25 000 stems per hectare where the lodgepole pine component of the coniferous component of the inventory of the standards unit is greater than or equal to 80% by density; or
- (b) 10 000 stems per hectare for all other standards units.

#### 6.0 Regeneration Date

The period for determining the regeneration date is:

- (a) subject to Subparagraph (b), 4 years from the *Regeneration Commencement Date*; or
- (b) if natural regeneration is being relied on for stocking, 7 years from the *Regeneration Commencement Date*.

## 7.0 Minimum Inter-Tree Distance

The minimum inter-tree distance is:

- (a) subject to Subparagraph (b) and (c) 2.0 horizontal meters; or
- (b) 1.5 horizontal meters in the following situations or circumstances:
  - (i) areas subject to moderate to heavy cattle damage;
  - (ii) wet sites where micro-site selection may be limited;
  - (iii) areas with greater than 50% rock;
  - (iv) areas where stump avoidance is applied to minimize exposure to root rot;
  - (v) areas where retention of stems >12.5 cm does not allow for target density to be achieved; or
- (c) does not apply to layer 1 within a Multi-Layer Stand.

## 8.0 Tree Height to Brush Ratio

- (a) subject to Subparagraph (b), the tree height to brush ratio percent is 125;
- (b) tree height to brush ratio does not apply;
  - (i) to residual deciduous stems retained for biodiversity; or
  - (ii) within the RMA of a stream or wetland.

## 9.0 Douglas-fir within Ungulate Winter Range

For the purposes of Paragraph 3.0, Douglas-fir is a preferred species within areas mapped as ungulate winter range as identified in Appendix B (c).

## 10.0 Standard for Area Subject to Intermediate Cutting

For harvesting referred to in sections 16(4) and 44(4) of the *FPPR*, 50% or more of the basal area of the stand immediately before harvesting will be retained at the conclusion of harvesting.

## **Appendix B: Forest Stewardship Plan Maps**

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Maps 1 through 8 show the following information:

- Forest Development Units
- Old Forest Polygons and Community Watersheds
- Ungulate Winter Range (Mule Deer, Elk and Big Horn Sheep)
- Moose Winter Range
- Goat Winter Range
- Known Locations and Incidence of Species
- Wildlife Habitat Areas
- Identified Scenic Areas
- Suitable Gopher Snake Habitat
- Recreation Polygons and Trails

## Appendix C: Declared areas under section 14 (4) of the *FPPR*

LICENCE	CUTTING PERMIT	BLOCK	ASPEN PLANNING #	GEOGRAPHIC LOCATION
Unassigned	Unassigned	Unassigned	A17-18	Frogmore
Unassigned	Unassigned	Unassigned	C16, 18	Bob Lake
Unassigned	Unassigned	Unassigned	C26-27	Helmer
Unassigned	Unassigned	Unassigned	C33	Helmer
Unassigned	Unassigned	Unassigned	E29, 30, 44-50	Eve Lake
Unassigned	Unassigned	Unassigned	E51-59	Jesse Creek
Unassigned	Unassigned	Unassigned	E61-66	Eve Lake
Unassigned	Unassigned	Unassigned	M33, 35, 44, 57, 70-78	Spius
Unassigned	Unassigned	Unassigned	M49-51, 54-56, 60, 61	Gillis Lake
Unassigned	Unassigned	Unassigned	N44	Nicomen
Unassigned	Unassigned	Unassigned	Q36, 39-43, 46-50	Beak Creek
Unassigned	Unassigned	Unassigned	R1-7, 11, 14, 16, 19-29	Frank Ward
Unassigned	Unassigned	Unassigned	S57-66	Blue Earth
Unassigned	Unassigned	Unassigned	S74, 77-89, 90-92	Gordon Lake/WL 359
Unassigned	Unassigned	Unassigned	U3-6, 8, 9	Spius
Unassigned	Unassigned	Unassigned	U7, 18-19, 42-44	Spius
Unassigned	Unassigned	Unassigned	U10, 25, 28, 29	Spius
Unassigned	Unassigned	Unassigned	U20-21, 45-46	22km Spius
Unassigned	Unassigned	Unassigned	U30-31	Spius/Manning
Unassigned	Unassigned	Unassigned	U36, 38-41	Dean Fire
Unassigned	Unassigned	Unassigned	U47-49, 32-35, 37, 38	Spius Br. 22

## Appendix D: Objectives for interpretive forest sites, recreation sites and recreation trails (FRPA ss.180 and 181)

Site or Trail Name	Type	Objectives
Another Lake	Map	00-01-31 The objective is to manage Another Lake for a semi primitive non-motorized recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by non-motorized trail.
Bob Lake East	Map	00-01-31 The objective is to manage Bob Lake E. for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Very rough road access to the lake; also walk in access from Bob Lake West.
Butler Lake	Map	00-01-31 The objective is to manage Butler Lake for a semi primitive non-motorized recreation experience. The trailhead, trail, lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by a non-motorized trail.
Centre Lake	Map	00-01-31 The objective is to manage Centre Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for hiking, nature observation, and picnicking will be available.
Debbie Lake	Map	00-01-31 The objective is to manage Debbie Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by a rough four-wheel drive road.
Farr Lake	Map	00-01-31 The objective is to manage Farr Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available at the site.
Gillis Lake East	Map	00-01-31 The objective is to manage Gillis Lake E. for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available at the site.
Hamilton Pond	Map	00-01-31 The objective is to manage Hamilton Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by a rough four-wheel drive road.
Jim Kelly Creek	Map	00-01-31 The objective is to manage Jim Kelly Creek for a roaded recreation experience. The river shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, and swimming will be available.
John's Lake	Map	00-01-31 The objective is to manage John's Lake for a semi primitive non-motorized recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by non-motorized trail.
Mab Lake	Map	00-01-31 The objective is to manage Mab Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by a rough four-wheel drive road.
Mystery Lake	Map	00-01-31 The objective is to manage Mystery Lake for a semi primitive motorized recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Very rough road access to the site via the utility corridor.
Osprey Lake South	Map	00-01-31 The objective is to manage Osprey Lake South for a semi primitive motorized recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by motorized trail.
Peterhope Lake South	Map	00-01-31 The objective is to manage Peterhope Lake S. for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available.
Rogene Lake	Map	00-01-31 The objective is to manage Rogene Lake for a semi primitive non-motorized recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is via Bob's-Elkhart Trail (project 5877), no motorized use permitted.
Tulameen Falls	Map	00-01-31 The objective is to manage Tulameen Falls for a semi primitive non-motorized recreation experience. The creek shoreline and natural vegetation will be conserved. Access is by non-motorized trail.
Abbot Lake	Site	00/01/31 The objective is to manage the Abbott Lake recreation site for a roaded recreation experience. The campsites will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.

Site or Trail Name	Type	Objectives
Andy's Lake	Site	00-01-31 The objective is to manage the Andy's Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Access to lake from recreation site is by non-motorized trail. It is also a part of the Thynne Mtn. Snowmobile trail system. An emergency shelter is located across from the recreation site.
Antler Lake	Site	00-01-31 The objective is to manage the Antler Lake recreation site for a roaded and semi primitive non-motorized recreation experience. The trailhead, trail and the campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, hiking, picnicking, boating, and swimming will be available at the site. Camping facilities are available at the trailhead/parking area. Access to the lake is by non-motorized trail.
Billy Lake	Site	00-01-31 The objective is to manage the Billy Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Bluey Lake	Site	00-01-31 The objective is to manage the Bluey Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Bob Lake West	Site	00-01-31 The objective is to manage the Bob Lake W. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Bobs Lake	Site	00-01-31 The objective is to manage the Bobs Lake recreation site for a roaded experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Boss Lake	Site	00-01-31 The objective is to manage the Boss Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. ATV opportunities are available nearby.
Brook Lake	Site	00-01-31 The objective is to manage Brook Lake for a semi primitive non-motorized recreation experience. The trailhead, trail and lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available at the site. Lake is located within a community watershed. Access is by non-motorized trail. Snowmobile activities are available in the winter.
Buck Lake	Site	00-01-31 The objective is to manage the Buck Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Cabin Lake	Site	00-01-31 The objective is to manage the Cabin Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, hiking, mountain biking and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Calling Lake	Site	00-01-31 The objective is to manage the Calling Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, hiking, mountain biking and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Chain Lake West	Site	00-01-31 The objective is to manage the Chain Lake W. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating and swimming will be available at the site.
Clifford Lake	Site	00-01-31 The objective is to manage the Clifford Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Copper Creek	Site	00-01-31 The objective is to manage the Copper Creek recreation site for a roaded recreation experience. The campsite will be maintained; the river/creek shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, and swimming will be available at the site. During the winter, the recreation site may serve as a trailhead for the Placer Mountain Snowmobile trail.

Site or Trail Name	Type	Objectives
Davis Lake	Site	00-01-31 The objective is to manage the Davis Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Located within a Ducks Unlimited Project area. ATV opportunities are available nearby.
Deadman Lake	Site	00-01-31 The objective is to manage Deadman Lake S. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Dewdney (L2212)	Site	00-01-31 The objective is to manage the Dewdney recreation site for a roaded recreation experience. The campsite will be maintained; the river shoreline and natural vegetation will be conserved. Opportunities for camping, river canoeing, kayaking, picnicking and swimming will be available at the site. Hiking opportunities are available, nearby, on a portion of the historic Dewdney Trail.
Dot Lake	Site	00-01-31 The objective is to manage the Dot Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, hiking, boating, and swimming will be available at the site.
Eastmere / Westmere Lk	Site	00-01-31 The objective is to manage the Eastmere/Westmere Lake recreation site for a semi primitive non-motorized recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available at the site. Access is by non-motorized trail.
Elkart Lake	Site	00-01-31 The objective is to manage the Elkhart Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Garrison Lake	Site	00-01-31 The objective is to manage the Garrison Lake recreation site for a semi primitive non-motorized recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for hiking, camping, picnicking and swimming will be available at the site. Access is by non-motorized trail.
Gill Lake & Trail	Site	00-01-31 The objective is to manage Gill Lake recreation site for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by non-motorized trail from utility corridor. The objective is to manage Gill Lake Trail for a semi primitive non-motorized recreation experience. The trail and natural vegetation will be conserved. Opportunities for hiking, mountain biking, and equestrian uses are available, no motorized use permitted. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the center line of the trail.
Gillis Lake West	Site	00-01-31 The objective is to manage the Gillis Lake W. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Glimpse Lake North	Site	00-01-31 The objective is to manage the Glimpse Lake N. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Glimpse Lake South	Site	00-01-31 The objective is to manage the Glimpse Lake SW recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Goose Lake North	Site	00-01-31 The objective is to manage the Goose Lake N. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site.
Goose Lake South	Site	00-01-31 The objective is to manage the Goose Lake S. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Gordon Lake	Site	00-01-31 The objective is to manage the Gordon Lake recreations site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating and swimming will be available at the site. Very rough road access to the site will be maintained for four wheel drive vehicles
Granite Creek	Site	00/01/31 The objective is to manage the Granite Creek recreation site for a roaded recreation experience. The campsite will be maintained; the river/creek shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, canoeing, kayaking and swimming will be available at the site.

Site or Trail Name	Type	Objectives
Gus's Pond & Trail	Site	00-01-31 The objective is to manage Gus' pond recreation site for a semi primitive non-motorized recreation experience. The lakeshore and adjacent vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available, no motorized use permitted as per the Pennask LRUP.
Gwen Lake	Site	00-01-31 The objective is to manage Gwen Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Gypsum Lake South	Site	00-01-31 The objective is to manage Gypsum Lake S. for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available.
Gypsum Lake West	Site	00-01-31 The objective is to manage the Gypsum Lake W. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, hiking, picnicking, boating, and swimming will be available at the time.
Harmon Lake (E & W)	Site	00-01-31 The objective is to manage the Harmon Lake E. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, hiking, boating, and swimming will be available at the site.
Harmon Lake West	Site	00-01-31 The objective is to manage the Harmon Lake W. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. This site also contains some walk-in sites.
Helmer Lake	Site	00-01-31 The objective is to manage the Helmer Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Walk in from nearby Helmer Interchange, gate locked Tuesday before May long weekend and open Friday before Thanksgiving weekend.
Hook Lake North	Site	00-01-31 The objective is to manage the Hook Lake N. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site, via the utility corridor.
Island Lake	Site	00-01-31 The objective is to manage the Island Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Jackson Lake & Trail	Site	00-01-31 The objective is to manage the Jackson Lake recreation for a semi primitive motorized recreation experience. The lakeshore and adjacent vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available, no motorized use permitted as per the Pennask LRUP. The objective is to manage the Jackson Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking, and equestrian uses are available, no motorized use permitted as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Jacobson Lake	Site	00-01-31 The objective is to manage the Jacobson Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, hiking, boating, equestrian, and swimming will be available at the site.
Jameson Lake	Site	00-01-31 The objective is to manage Jameson Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by rough four-wheel drive road.
Johnny Lake	Site	00-01-31 The objective is to manage the Johnny's Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Jono Lake	Site	00-01-31 The objective is to manage Jono Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by rough four-wheel drive road.
Kane Lake	Site	00-01-31 The objective is to manage the Kane Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, equestrian, hiking, picnicking, boating, and swimming will be available at the site. In the winter, there are opportunities for cross-country skiing.

Site or Trail Name	Type	Objectives
Kump Lake	Site	00-01-31 The objective is to manage the Kump Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Leroy Lakes	Site	00-01-31 The objective is to manage the LeRoy recreation site and trail for a roaded and semi primitive non-motorized recreation experience. The trailhead, trail and campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for hiking, mountain biking, equestrian use, camping, picnicking, boating, and swimming will be available at the site. Roaded to trailhead, then walk-in to the site.
Lightning Lake	Site	00-01-31 The objective is to manage the Lightning Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Lily Lake	Site	00-01-31 The objective is to manage the Lily Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Link Lake	Site	00-01-31 The objective is to manage the Link Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Little Box Canyon	Site	00-01-31 The objective is to manage the Little Box Canyon recreation site for a roaded recreation experience. The campsite will be maintained; the river/creek shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, river boating, and swimming will be available at the site. Very rough road access to the site.
Little Douglas Lake	Site	00-01-31 The objective is to manage the Little Douglas Lake recreation site for a semi primitive non-motorized recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, river boating, and swimming will be available at the site. Access is by non-motorized trail.
Little Mellin / Holmes	Site	00-01-31 The objective is to manage Little Mellin/Holmes recreation site for a semi primitive non-motorized recreation experience. The lakeshore and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, river boating, and swimming will be available at the site. No motorized use permitted, as per the Pennask LRUP.
Little Spahomin Lk & Trail	Site	00-01-31 The objective is to manage Little Spahomin Lake Recreation site for a semi primitive non-motorized recreation experience. The trail will be maintained and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, river boating, and swimming will be available at the site. No motorized use permitted, as per the Pennask LRUP.
Lodestone Lake	Site	00-01-31 The objective is to manage the Lodestone Lake recreation site for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, hiking, mountain biking, equestrian, boating, and swimming will be available at the site. Access is by a rough four-wheel drive road.
Lodwick Lake North	Site	00-01-31 The objective is to manage Lodwick Lake N. recreation site for a recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Lodwick Lake South	Site	00-01-31 The objective is to manage Lodwick Lake S. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Loosemore Lake	Site	00-01-31 The objective is to manage the Loosemore Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Lundbom Lake (West)	Site	00-01-31 The objective is to manage the Lundbom lake W. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, equestrian and swimming will be available at the site.
Lundbom Lake East	Site	00-01-31 The objective is to manage the Lundbom Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.

Site or Trail Name	Type	Objectives
Marquart Lake (E & W)	Site	00-01-31 The objective is to manage the Marquart Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Site on the west end is walk-in from the parking lot.
Mellin Lake	Site	00-01-31 The objective is to manage the Mellin Lake recreation site for a semi primitive non-motorized recreation experience. The trail will be maintained. The lake shoreline and adjacent natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. No motorized use permitted, as per the Pennask LRUP.
Michael Lake	Site	00-01-31 The objective is to manage Michael Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Very rough access to the site will be maintained for four-wheel drive vehicles.
Missezula Lake North	Site	00-01-31 The objective is to manage the Missezula Lake N. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Murphy Lakes	Site	00-01-31 The objective is to manage the Murphy Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Access to lake from the recreation site is by a non-motorized trail.
Murray Lake North	Site	00-01-31 The objective is to manage the Murray Lake N. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Murray Lake South	Site	00-01-31 The objective is to manage the Murray Lake S. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
N'Kwala Site	Site	00-01-31 The objective is to manage the N'Kwala recreation site for a roaded recreation experience. The campsite will be maintained; the river shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, river canoeing, kayaking and swimming will be available at the site.
Old Hedley Road East	Site	00-01-31 The objective is to manage the Old Hedley Road E. recreation site for a roaded recreation experience. The campsite will be maintained; the river shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, river canoeing, kayaking and swimming will be available at the site.
Old Hedley Road W	Site	00-01-31 The objective is to manage the Old Hedley Road W. recreation site for a roaded recreation experience. The campsite will be maintained; the river shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, river canoeing, kayaking and swimming will be available at the site.
Osprey Lake North	Site	00-01-31 The objective is to manage the Osprey Lake N. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Peter Hope Lake North	Site	00-01-31 The objective is to manage the Peterhope Lake N. recreation site for a roaded recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Pimainus East	Site	00-01-31 The objective is to manage the Pimainus Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Placer Lake	Site	00-01-31 The objective is to manage the Placer Lake recreation site for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Power Lake	Site	00-01-31 The objective is to manage Power Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by rough four-wheel drive road via the utility corridor.
Prosser Lake	Site	00-01-31 The objective is to manage the Prosser Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough access to the site will be maintained for four-wheel drive vehicles.

Site or Trail Name	Type	Objectives
Rampart Lake	Site	00-01-31 The objective is to manage the Rampart Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Red Rock Canyon	Site	00-01-31 The objective is to manage the Red Rock Canyon for a roaded recreation experience. The river shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), kayaking, canoeing, picnicking and swimming will be available.
Reservoir Lake	Site	00-01-31 The objective is to manage the Reservoir Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Rickey Lake	Site	00-01-31 The objective is to manage the Ricky Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Robertson Lake	Site	00-01-31 The objective is to manage Robertson Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating and swimming will be available at the site.
Roscoe Lake	Site	00-01-31 The objective is to manage the Roscoe Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, hiking and swimming will be available at the site. Rough seasonal four-wheel drive access.
Shea Lake	Site	00-01-31 The objective is to manage the Shea Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Silver Lake	Site	00-01-31 The objective is to manage the Silver Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Stevens Lake	Site	The objective is to manage Stevens Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available.
Stony Lake	Site	00-01-31 The objective is to manage the Stoney Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Stringer Lake	Site	00-01-31 The objective is to manage the Stringer Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Surrey Lake	Site	00-01-31 The objective is to manage Surrey Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available.
Sussex Lake	Site	00-01-31 The objective is to manage the Sussex Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Sutter Creek	Site	00-01-31 The objective is to manage the Sutter Creek recreation site for a roaded recreation experience. The campsite will be maintained; the creek shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking and swimming will be available at the site.
Tahla Lake	Site	The objective is to manage the Tahla Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Thalia Lake North	Site	00-01-31 The objective is to manage the Thalia Lake N. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Thalia Lake South	Site	00-01-31 The objective is to manage the Thalia Lake S. recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.

Site or Trail Name	Type	Objectives
The Keeper	Site	00-01-31 The objective is to manage The Keeper for a roaded recreation experience. The river shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking and swimming will be available. Access is by a rough four-wheel drive road.
Third Lake	Site	00-01-31 The objective is to manage the Third Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Tupper Lake	Site	00-01-31 The objective is to manage the Tupper Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Two Island Lake	Site	00-01-31 The objective is to manage Two Island recreation site for a semi primitive non-motorized recreation experience. The trail will be maintained. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by non-motorized trail as per the Pennask LRUP.
Tyner Lake	Site	00-01-31 The objective is to manage the Tyner Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site.
Vinson Lake	Site	00-01-31 The objective is to manage Upper Boulder Lake for a semi primitive non-motorized recreation experience. The trail, lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access to the lake is by a non-motorized trail.
Vuich Falls	Site	00-01-31 The objective is to manage the Vuich Falls recreation site for a roaded recreation experience. The campsite will be maintained; the river/creek shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking and swimming will be available at the site.
Wasley Lake	Site	00-01-31 The objective is to manage Wasley Lake recreation site for a semi primitive non-motorized recreation experience. The trail will be maintained. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by non-motorized trail as per the Pennask LRUP.
Wells Lake	Site	00-01-31 The objective is to manage the Wells Lake recreation site for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Zum Peak	Site	00-01-31 The objective is to manage the Zum Peak recreation site for a roaded recreation experience. The campsite will be maintained; the creek shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, hiking and swimming will be available at the site.
Bob's - Elkhart Lake	Trail	00-01-31 The objective is to manage the Bob's-Elkhart recreation trail for a semi primitive non-motorized recreation experience. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of centre line of the trail. The trail will be maintained and adjacent vegetation conserved. Opportunities may include but are not limited to hiking, mountain biking and equestrian use. Facilities are only available at Bob's Lake Recreation site trailhead.
China Ridge X Country Ski	Trail	00-01-31 In winter, when snow is on the ground, the objective is to manage the China Ridge recreation trail for a semi primitive non-motorized recreation experience, opportunities for cross country skiing are available, no motorized use permitted, other than for track setting, trail grooming activities and at designated crossings. In the summer, during the snow free season, the objective is to manage the trail for a roaded resource recreation experience. The trail will be maintained and adjacent vegetation conserved. The trail width of the recreation trail right-of-way shall be 2.5 meters on either side of centre line of the trail. Facilities include open shelters throughout the system and an emergency shelter issued under SUP 19107L.
Garrison Lakes Trail	Trail	00-01-31 The objective is to manage the Garrison Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted. The total trail width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Godey Creek Int. Trail	Trail	00-01-31 The objective is to manage Godey Creek Interpretative trail for a semi primitive non-motorized recreation experience. The trail will be maintained. The natural vegetation will be conserved. Opportunities for nature study, hiking, viewing, and picnicking will be available. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.

Site or Trail Name	Type	Objectives
Gypsum Mountain Trail	Trail	00-01-31 The objective is to manage the Gypsum Mtn. Recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Harmon Lake Interp Trail	Trail	00-01-31 The objective is to manage the Harmon Lake interpretative trail for a semi primitive non-motorized recreation experience. The trail will be maintained; and natural vegetation will be conserved. Opportunities for nature study, hiking, viewing and picnicking will be available. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Kane Valley Trails	Trail	00-01-31 In winter, when snow is on the ground, the objective is to manage the Kane Valley recreation trail for a semi primitive non-motorized recreation experience, opportunities for cross country skiing are available, no motorized use permitted, other than for track setting and trail grooming activities. In the summer, during the snow free season, the objective is to manage the trail for a roaded resource recreation experience; opportunities for hiking, equestrian, mountain biking and trail bike/ATV riding are available. The trail will be maintained and adjacent vegetation conserved. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Knight Lake Trail	Trail	00-01-31 The objective is to manage the Knight Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Little Douglas Trail	Trail	00-01-31 The objective is to manage the Little Douglas Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of centre line of the trail.
Little Mellin / Holmes	Trail	00/01/31 The objective is to manage Little Mellin/Holmes Trail for a semi primitive non-motorized recreation experience. The trail will be maintained and natural vegetation will be conserved. Opportunities for hiking, mountain biking, and equestrian uses are available. No motorized use permitted, as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Little Spahomin Lk & Trail	Trail	00-01-31 The objective is to manage Little Spahomin Lake Trail for a semi primitive non-motorized recreation experience. The trail will be maintained and natural vegetation will be conserved. Opportunities for hiking, mountain biking and equestrian uses are available. No motorized use permitted, as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Lundbom / Tent Mt Bike Tr	Trail	00-01-31 The objective is to manage Lundbom/Tent Mtn. Biking Trail for a semi primitive non-motorized recreation experience. The trail and natural vegetation will be conserved. Opportunities for hiking, mountain biking, and equestrian uses are available. No motorized use permitted. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of centre line of the trail.
Mellin Lake	Trail	00-01-31 The objective is to manage the Mellin Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Norgaard Lake	Trail	00-01-31 The objective is to manage the Norgaard Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking, and equestrian uses are available, no motorized use permitted as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Rainbow Lake	Trail	00-01-31 The objective is to manage the Rainbow Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted as per the Pennask LRUP. The total width of the recreation right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Roscoe Lake Trail	Trail	00-01-31 The objective is to manage the Roscoe Lake recreation trail for a semi-primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking, and equestrian uses are available, no motorized use permitted. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.

Site or Trail Name	Type	Objectives
Two Island Lake	Trail	00-01-31 The objective is to manage the Two Island recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Walker Lake & Trail	Trail	00-01-31 The objective is to manage the Walker Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Wasley Lake	Trail	00-01-31 The objective is to manage the Wasley Lake recreation trail for a semi primitive non-motorized recreation experience. The trail will be maintained and adjacent vegetation conserved. Opportunities for hiking, mountain biking and equestrian uses are available, no motorized use permitted as per the Pennask LRUP. The total width of the recreation trail right-of-way shall be 2.5 meters on either side of the centre line of the trail.
Boot Lake	X	00-01-31 The objective is to manage the Boot Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at this site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Plateau Lake	X	00-01-31 The objective is to manage the Plateau Lake recreation site for a roaded recreation experience. The campsite will be maintained; the lake shoreline and natural vegetation will be conserved. Opportunities for camping, picnicking, boating, and swimming will be available at the site. Very rough road access to the site will be maintained for four-wheel drive vehicles.
Rey Lake	X	00-01-31 The objective is to manage Ray Lake for a roaded recreation experience. The lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access is by a very rough four-wheel drive road via the utility corridor.
Upper Boulder Lake		00-01-31 The objective is to manage Upper Boulder Lake for a semi primitive non-motorized recreation experience. The trail, lake shoreline and natural vegetation will be conserved. Opportunities for camping (no facilities on site), picnicking, boating, and swimming will be available. Access to the lake is by a non-motorized trail.

## Appendix E: Cutting Permits and Road Permits in Effect (S. 14(3)(j) FPPR)

LICENCE	CUTTING PERMIT	BLOCK	ROAD PERMIT	GEOGRAPHIC LOCATION
A18039	394	1	RO7750	Lavigure Lake
A18039	394	2	RO7750	Lavigure Lake
A18039	394	3	RO7750	Lavigure Lake
A18039	394	4	RO7750	Lavigure Lake
A18039	394	5	RO7750	Lavigure Lake
A18039	394	6	RO7750	Lavigure Lake
A18039	394	7	RO7750	Lavigure Lake
A18695	369	1	RO7749	Spius Creek
A18695	369	3	RO7749	Maka Creek
A18695	369	4	RO7749	Spius Creek
A18695	369	5	RO7749	Spius Creek.
A18695	369	6	RO7749	Spius Creek
A18695	369	7	RO7749	Spius Creek
A18695	370	1	RO7749	Spius Creek
A18695	371	1	RO7749	Uztilus Creek
A18695	371	2	RO7749	Uztilus Creek
A18695	371	3	RO7749	Uztilus Creek
A18695	371	4	RO7749	Uztilus Creek
A18695	371	5	RO7749	Uztilus Creek
A18695	371	6	RO7749	Uztilus Creek
A18695	391	1	RO7749	Frogmore
A18695	391	2	RO7749	Frogmore
A18695	391	3	RO7749	Frogmore
A18695	391	4	RO7749	Frogmore
A18695	393	1	RO7749	Spius
A18695	393	2	RO7749	Spius
A18695	393	3	RO7749	Spius
A18695	393	4	RO7749	Spius
A18695	398	1	RO7749	Helmer Lake
A18695	398	3	RO7749	Quenville Creek
A18695	398	4	RO7749	Quenville Creek
A18695	601	1	RO7749	Abbott Lake
A84506	575	1	R19519	Antler Lake
A92671	346	1	RO7749	Swakum/Hector
A92671	346	2	RO7749	Swakum/Hector
A94983	FW3			Lavigure Lake
A94985	FW5			Lavigure Lake