



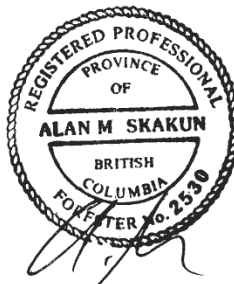
*BC Timber Sales
Kootenay Business Area*

SUPPORT DOCUMENT

for the BC Timber Sales
FOREST STEWARDSHIP PLAN #601
2017 to 2022

Rocky Mountain Natural Resource District and
Selkirk Natural Resource District

BC Timber Sales
Kootenay Business Area
1907 Ridgewood Road
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TABLE OF CONTENTS

1. SUPPORTING INFORMATION	4
1.1. INTRODUCTION	4
1.2. SUPPORT DOCUMENT FORMAT.....	4
1.3. PUBLIC REVIEW AND COMMENT PROCESS FOLLOWED	4
1.3.1 PROVIDING NOTICE	4
1.3.2 REVIEW AND COMMENT INFORMATION PROVIDED TO THE DDM.....	4
2. INTERPRETATION	6
2.1. DEFINITIONS UNDER ACTS AND REGULATIONS.....	6
2.2. DEFINITIONS SPECIFIC TO THIS FSP	6
2.3. OBJECTIVES, RESULTS AND STRATEGIES	6
2.4. COMMON ACRONYMS USED IN THIS FSP	6
3. REFERENCES.....	7
4. APPLICATION OF THE FSP.....	7
4.1. TERM OF THE FSP	7
4.2. FSP HOLDER - TIMBER SALES MANAGER	7
4.3. PURPOSE OF THE FSP AND INITIATIVES OUTSIDE THE FSP.....	7
4.3.1 GOVERNMENT OBJECTIVES AND PUBLIC REVIEW	7
4.3.2 BCTS OPERATING PLANS AND PUBLIC ENGAGEMENT	7
4.3.3 OTHER INITIATIVES.....	7
4.4. APPLICATION OF THE FSP	8
4.5. FOREST DEVELOPMENT UNITS (FDUs) & RATIONALE	8
4.5.1 COLLABORATION WITHIN SHARED MANAGEMENT UNITS	8
4.6. TIMBER SALE LICENCES AND ROAD PERMITS IN EFFECT.....	8
5. RESULTS AND STRATEGIES IN RELATION TO FOREST RESOURCE VALUES	10
5.1. SOILS	10
5.2. TIMBER	10
5.2.1 TIMBER.....	10
5.2.2 ENHANCED RESOURCE DEVELOPMENT ZONES - TIMBER	11
5.3. BIODIVERSITY, WILDLIFE AND FISH	12
5.3.1 BIODIVERSITY	12
5.3.1.1 BIODIVERSITY EMPHASIS	12
5.3.1.2 OLD AND MATURE FOREST.....	13
5.3.1.3 GREEN-UP	14
5.3.1.4 FIRE MAINTAINED ECOSYSTEMS	14
5.3.1.5 WATER, FISH, WILDLIFE AND BIODIVERSITY WITHIN RIPARIAN AREAS.....	14
5.3.1.6 WILDLIFE AND BIODIVERSITY — LANDSCAPE LEVEL.....	16
5.3.1.7 WILDLIFE AND BIODIVERSITY — STAND LEVEL	16
5.3.2 WILDLIFE	17
5.3.2.1 GRIZZLY BEAR HABITAT AND CONNECTIVITY CORRIDORS.....	17
5.3.2.2 CARIBOU	18
5.3.2.3 OBJECTIVES SET BY GOVERNMENT FOR WILDLIFE	18
5.3.2.4 SPECIES AT RISK, REGIONALLY IMPORTANT WILDLIFE, UNGULATE WINTER RANGE AND WILDLIFE HABITAT AREAS	19

5.3.3	FISH HABITAT IN FISHERIES SENSITIVE WATERSHEDS	20
5.4.	WATER FOR CONSUMPTIVE USE.....	20
5.4.1	WATER IN COMMUNITY WATERSHEDS.....	20
5.4.2	CONSUMPTIVE USE STREAMS.....	21
5.5.	VISUAL QUALITY - SCENIC AREAS AND VISUAL QUALITY OBJECTIVES	21
5.6.	CULTURAL HERITAGE RESOURCES	22
5.7.	RECREATION RESOURCES	23
5.8.	FOREST ROADS	24
5.8.1	ROAD MAINTENANCE	24
5.8.2	REVEGETATION FOLLOWING ROAD CONSTRUCTION AND DEACTIVATION	24
6.	MEASURES IN RELATION TO INVASIVE PLANTS AND NATURAL RANGE BARRIERS	25
6.1.	MEASURES TO PREVENT THE INTRODUCTION OR SPREAD OF INVASIVE PLANTS	25
6.2.	MEASURES TO MITIGATE THE LOSS OF NATURAL RANGE BARRIERS	26
7.	STOCKING STANDARDS	27
7.1.	FREE GROWING STAND ASSESSMENT AND STOCKING STANDARDS	27
8.	APPENDICES.....	28
	APPENDIX 1 - FDU MAPS	29
	APPENDIX 2 - TIMBER SALE LICENCES AND ROAD PERMITS IN EFFECT	30
	APPENDIX 3 - ATTRIBUTES OF HIGH-VALUE WILDLIFE TREE RETENTION STRATEGIES	31
	APPENDIX 4 - DESIGNATED COMMUNITY WATERSHEDS IN EFFECT	32
	APPENDIX 5 - STOCKING STANDARDS	36
	APPENDIX 6 - FPPR SECTION 7(2) NOTICES AND GAR ORDERS	37

1. SUPPORTING INFORMATION

1.1. Introduction

This document is provided as supporting information for the BC Timber Sales (BCTS) 2017 to 2022 Forest Stewardship Plan (FSP) for the Kootenay Business Area but is not a component of the legal Forest Stewardship Plan. The purpose of the Support Document is primarily to assist the Delegated Decision Maker (DDM) in his consideration of the FSP for approval and secondarily to inform the public and stakeholders. The intent is to provide rationale, clarification and/or background information for the results and strategies in the FSP, where considered useful.

1.2. Support Document Format

To provide for efficient cross-referencing between this Support Document and the FSP, the Table of Contents and the numbering of each section are the same. Where the author considered the meaning of a section of the FSP to be implicit, not requiring rationale, clarification or background information, the section number and heading has been retained but the section is labelled 'self-explanatory'.

1.3. Public Review and Comment Process Followed

1.3.1 Providing Notice

In accordance with Section 20 of the Forest Planning and Practices Regulation (FPPR), this FSP has been advertised in numerous newspapers circulating within the Forest Development Units (FDUs) proposed by the FSP, throughout the Boundary, West Kootenay and East Kootenay regions. The advertisements contain all of the information specified in FPPR Section 20(1).

The 60-day Review and Comment period for this FSP was February 15, 2016 to April 14, 2016.

In addition to the legally required newspaper advertising, letters inviting review and written comments were sent to major licensees (holding renewable Forest Licences and Tree Farm Licences) within the Rocky Mountain and Selkirk Natural Resource Districts, as well as a number of government agencies. In addition, stakeholders who have expressed an interest in the FSP were sent referral letters.

All First Nations whose asserted traditional territory overlaps with an FDU proposed by this FSP were sent letters informing them of the FSP and offering to arrange a meeting between representatives of the First Nation and BCTS staff to discuss the FSP and to share information.

1.3.2 Review and Comment Information Provided to the DDM

In accordance with FPPR Section 22, the Timber Sales Manager (TSM) is providing the FSP to the DDM for approval including a Review and Comment Information Package containing:

1. a copy of the newspaper ad described above and a list of the newspapers and publication dates where it was advertised;
2. a copy of the major licensee referral letter, with mailing list

3. a copy of the stakeholder referral letter, with mailing list;
4. a copy of the letter to First Nations offering to meet, with mailing list;
5. a copy of each written comment received during the public review and comment period, and a summary of the comments and responses;
6. a description of changes made to the draft plan as a result of comments received; and
7. a description of the efforts made to meet and share information with First Nations groups.

2. INTERPRETATION

2.1. Definitions under Acts and Regulations

(Self-Explanatory)

2.2. Definitions Specific to this FSP

(Self-Explanatory)

2.3. Objectives, Results and Strategies

This section is not a legal requirement but is provided for reviewer and public information to demonstrate the TSM's intention and commitment to provide results and strategies that are consistent with objectives set by government and that are measureable or verifiable.

2.4. Common Acronyms Used in this FSP

BCTS: British Columbia Timber Sales

BEC: Biogeoclimatic Ecosystem Classification

CHR: Cultural Heritage Resource

DDM: Delegated Decision Maker

FDU: Forest Development Unit

FLTC: Forestry Licence to Cut

FPC: Forest Practices Code of BC Act

FPPR: Forest Planning and Practices Regulation

FRPA: Forest and Range Practices Act

FRR: Forest Recreation Regulation

FSP: Forest Stewardship Plan

GAR: Government Actions Regulation

GWM: General Wildlife Measure

ILMB: Integrated Land Management Bureau

KBHLPO: Kootenay-Boundary Higher Level Plan Order

LU: Landscape Unit

MFLNRO: Ministry of Forests, Lands and Natural Resource Operations

OGMA: Old Growth Management Area

QRP: Qualified Registered Professional

RPF: Registered Professional Forester

RMZ: Riparian Management Zone

RP: Road Permit

FPC: Forest Practices Code

RPF: Registered Professional Forester

RRZ: Riparian Reserve Zone

SAR: Species at Risk

SU: Standards Unit

TSL: Timber Sale Licence

TSM: Timber Sales Manager
UWR: Ungulate Winter Range
VIA: Visual Impact Assessment
VQO: Visual Quality Objective
WHA: Wildlife Habitat Area
WTP: Wildlife Tree Patch
WTRA: Wildlife Tree Retention Area

3. REFERENCES

(Self-Explanatory)

4. APPLICATION OF THE FSP

4.1. Term of the FSP

The TSM is requesting that the Delegated Decision Maker (DDM) for the Minister of Forests, Lands and Natural Resource Operations approve the BCTS FSP for a five year term.

4.2. FSP Holder - Timber Sales Manager

(Self-Explanatory)

4.3. Purpose of the FSP and Initiatives outside the FSP

Sections 4.3.1 to 4.3.3 are not a legal requirement for FSPs but are intended to inform the public and provide the TSM's view and interpretation of the scale and purpose of the FSP as a landscape level plan, considering the legal requirements in current acts and regulations.

4.3.1 Government Objectives and Public review

(Self-Explanatory)

4.3.2 BCTS Operating Plans and Public Engagement

Section 4.3.2 describes the role of BCTS Operating Plans, outside of the FSP, as a source for more detailed 'operational' information, including the location of proposed cutblocks and roads, and as an opportunity and means for site-level consultation with First Nations and engagement with stakeholders, forest licensees and the public. A commitment is made that all forest development proposed by BCTS will go through an Operating Plan consultation / referral process, that Operating Plans will be advertised so that interested parties have a reasonable opportunity for review and comment, and that any written comments received will be responded to.

4.3.3 Other Initiatives

This section provides a description of some of the many processes and initiatives which derive from, or influence, the FSP, but which are outside of the scope of the FSP.

4.4. Application of the FSP

(Self-Explanatory)

4.5. Forest Development Units (FDUs) & Rationale

(Self-Explanatory)

4.5.1 Collaboration within Shared Management Units

Discussion

Although not a legal content requirement for FSPs, through a legal strategy, the TSM has committed to collaboration with other forest licence or agreement holders within shared management units (i.e., shared landscape units, fisheries sensitive watersheds, community watersheds and ungulate winter ranges) to ensure that the objectives set by government for these areas are achieved.

Measureable or Verifiable

The strategy within this section is verifiable in that, where the TSM has entered into an agreement under Section 12(2) of the Forest Act within one of the above shared management units, written documentation exists and is available of offers to exchange information and coordinate planning with other forest licence or agreement holders.

4.6. Timber Sale Licences and Road Permits in Effect

(Self-Explanatory)

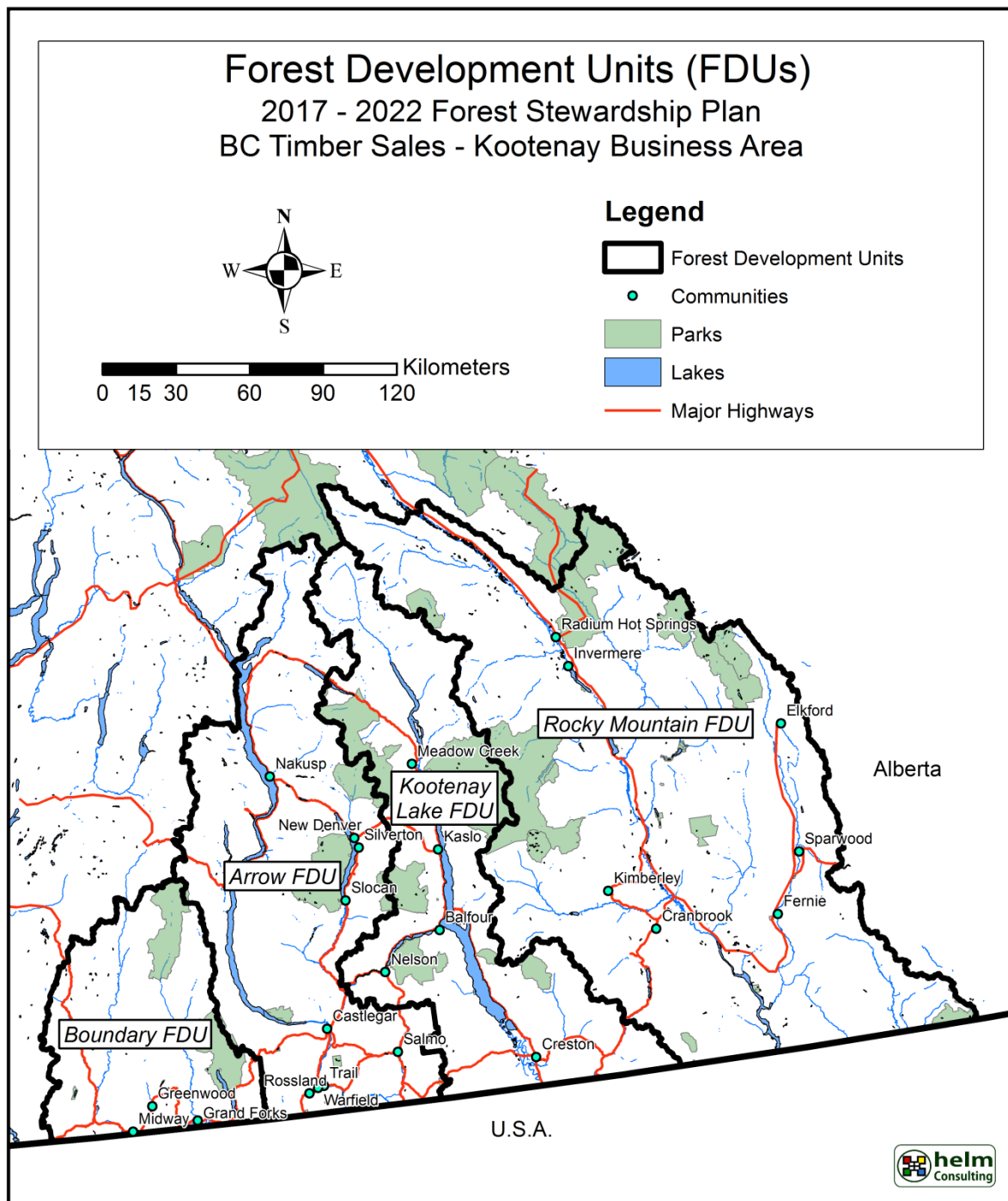


Figure 1. Forest Development Units (FDUs) General Location Map

5. RESULTS AND STRATEGIES IN RELATION TO FOREST RESOURCE VALUES

5.1. Soils

Legal References: FPPR Sec. 5, Sec. 12.1 (5), Sec. 35 and Sec. 36

Discussion

As a result or strategy, the TSM has elected to adopt and comply with the practice requirements of FPPR Section 35 (specifying soil disturbance limits) and Section 36 (specifying permanent access structure limits).

As additional strategies (#2 to #4) related to soils, the TSM has specified steps to generally prohibit the construction of bladed and excavated trails on steep slopes and/or areas of risk to FRPA values and has indicated the situations or circumstances where this strategy applies.

Strategy #3 specifies the circumstances where the TSM may prescribe a back spar trail and/or forwarding trail on slopes over 60% if a qualified professional has conducted a terrain stability-related assessment. These strategies are consistent with the BCTS *Terrain Stability Management Model* that was developed by a task team of forest professionals and a group of experienced Terrain Specialists (Geoscientist, Engineering Geologist, Geomorphologist, and Geotechnical Engineer). A copy of this practices document is provided to the DDM as support information in the FSP Tracking System (FSPTS).

Measureable or Verifiable

Result or Strategy #1 is considered consistent and measureable or verifiable as it adopts the default practices of FPPR Sections 35 and 36.

Strategy #2 is verifiable as:

- the TSM and a qualified professional are who will implement the strategy;
- the locations and/or circumstances where this strategy is applied are described and are documented by the TSM in a Site Plan (per Strategy #3); and
- following the completion of timber harvesting, as evidenced on the ground, bladed and excavated trails were not constructed within the areas where they are prohibited by this strategy as documented in the Site Plan.

Strategy #3 is verifiable as in every situation where the TSM prescribes a back spar trail and/or forwarding trail on slopes exceeding 60%, a qualified professional has conducted a site review or terrain stability assessment.

Strategy #4 is verifiable in that, for each of the situations in Strategies #2 and #3, site review or assessment reports must exist and their results must also be referenced in a Site Plan or Supporting Document.

5.2. Timber

5.2.1 Timber

Legal References: FPPR Sec. 6.0 and Sec. 12(8)

Discussion

FPPR Section 6 identifies the 3 objectives set by government for timber. These are related to the supply of commercial timber in the province, competitive delivered wood costs in comparison to other jurisdictions and ensuring that legislation does not unduly constrain agreement holders' rights. It is the TSM's view that these are broad, high level, public policy-related objectives which are outside the scope of results and strategies proposed by a single FSP holder. For this reason, the TSM has elected the exemption permitted in the regulation (FPPR Section 12(8)) for all FSP holders.

5.2.2 Enhanced Resource Development Zones - Timber

Legal References: KBHLPO Objective 7

Relates to: FSP Sec. [5.3.1.3](#) and Sec. [5.3.1.6](#)

Discussion

KBHLPO Objective 7 allows for successful regeneration of a cutblock within *Enhanced Resource Development Zones - Timber* (ERDZ-Ts) to constitute green-up for the purposes of determining when an adjacent area may be harvested. The TSM has elected not to take advantage of this reduced green-up standard but to use a single (2.5 metre) green-up height in all situations. Result #1 adopts the practice requirements of Section 65 of the FPPR as a result related to KBHLPO Objective 7, except that the TSM has specified that the height requirement of Section 65(3)(a) and Section 65(3)(b)(ii) is reduced from 3 metres to 2.5 metres. The rationale for this strategy is as follows:

Use of 2.5 metres is consistent with KBHLPO Objective 4 which specifies 2.5 metres as green-up height generally, except in certain situations, and which was established based on the then-in-force Section 68(4) of the Operational Planning Regulation of the FPC which stated that a height specified in a higher level plan prevails over the height in the regulation. Within the current regulations, FPPR Sections 12(4) to 12(6) allow that where a land use objective in a higher level plan conflicts with a regulation the objective in the higher level plan may prevail. In accordance, the TSM has specified a 2.5 metre green-up height to apply in all circumstances within the results or strategies specified in FSP Sections 5.2.2 Enhanced Resource Development Zones - Timber), 5.3.1.3 (Green-up) and 5.3.1.6 (Wildlife and Biodiversity — Landscape Level).

The exceptions to where a 2.5 metre green-up height is established generally by KBHLPO Objective 4 are listed below along with the reasons why the TSM has specified that 2.5 metres apply in these situations as well:

1. Community Watersheds. Since KBHLPO Objective 4 was established, the requirement of FPPR Section 8.2 to specify a result or strategy for the objectives set by government for water in a community watershed has come into effect. A comprehensive set of strategies for community watersheds is set out in FSP Section 5.4.1. These include a requirement for a hydrological assessment which considers all of the factors affecting a watershed, and would include the state of green-up / hydrological recovery as well as many other factors. Therefore, specifying a separate, arbitrary green-up height within

community watersheds is unnecessary and may be inconsistent with the site-specific assessment results or recommendations.

2. Visually Sensitive Areas. Specifying a green-up height is not an effective method to manage for visual quality as the more significant factor in assessing for visual quality objectives is the amount of the visual landscape or landform that is in a non-vegetated state. FSP Section 5.5 provides effective strategies for visual quality management.
3. Enhanced Resource Development Zones - Timber. Utilizing successful regeneration (essentially 0 metres), for a green-up height would be cumbersome to implement and track given the fragmented nature of the ERDZ-T zones, has no increased forest stewardship value and has little benefit related to timber supply, as analysis related to some timber supply reviews has shown.
4. Specified Fire Maintained Ecosystems. This exception is not relevant since the objective related to fire maintained ecosystems (KBHLPO Objective 8) is not in effect.

In Summary:

The use of different green-up height standards in different locations and circumstances would be complex, inefficient, increase the risk of accidental non-compliance and have little or no net resource stewardship benefit.

The FSP strategy proposed by the TSM is a balance of the spectrum of standards - from 0 metre green-up permitted in ERDZ-Ts (through KBHLPO Objective 7), to 2.5 metres permitted in most locations (with exceptions) by KBHLPO Objective 4, to 3 metres which would apply in the above noted exceptions of KBHLPO Objective 4 and as specified in FPPR Section 65.

This discussion and rationale also applies to FSP Section 5.3.1.3 (KBHLPO Objective 4 - Green-up) and FSP Sec. 5.3.1.6 (Wildlife and Biodiversity at the Landscape Level), for which the TSM has specified the same strategy as for Enhanced Resource Development Zones - Timber.

Measureable or Verifiable

This strategy is verifiable and measurable in that timber harvesting is not authorized by the TSM and does not take place adjacent to an existing cutblock except where in compliance with FPPR Sections 64 and 65 and where the (minimum 2.5 metre) green-up (height) status of any adjacent cutblock has been documented, through a landscape level assessment and/or a Site Plan, based on a documented field assessment, and is evidenced on the ground.

5.3. Biodiversity, Wildlife and Fish

5.3.1 Biodiversity

5.3.1.1 Biodiversity Emphasis

Legal References: KBHLPO Objective 1

Relates to: KBHLPO Objective 2

Discussion

The TSM has specified a result to be consistent with the biodiversity emphasis assigned to landscape units through Objective 1. Consistency is achieved through achieving the requirements of objectives that flow from Objective 1, particularly Objective 2 which identifies the old seral and mature-plus-old seral requirements for each biodiversity emphasis option.

Measureable or Verifiable

The result specified for biodiversity emphasis is verifiable through the verification of consistency with the required seral targets of Objective 2 - Old and Mature Forest.

5.3.1.2 Old and Mature Forest

Legal References: KBHLPO Objective 2

Discussion

Although not legally established, Old Growth Management Areas (OGMA's) have been spatially identified within the Selkirk and Rocky Mountain Natural Resource Districts and are recognized by BCTS and licensees in order to meet the objective for old forest that is set out in Objective 2 of the KBHLPO.

For all FDU's of this FSP the requirements of Objective 2 for old seral stage forest are considered to be met through the identified OGMA's, except for the following Landscape Unit (LU)/ BEC combination within the Arrow FDU where, even with OGMA's, the old forest seral stage target is in deficit and where old forest targets will be managed aspatially until additional OGMA's are defined:

- a. N505 (Stagleap) / ICHdw

Additionally, for the Rocky Mountain FDU of this FSP the requirements of Objective 2 for mature-plus-old forest are considered to be met through spatially identified OGMA's and spatially identified Mature Management Areas (non-legal).

Through Strategy #1, to maintain the old requirements achieved through spatialized OGMA's, the TSM commits to not harvest in OGMA's except for the specific reasons indicated and, in these situations, to replace the OGMA areas harvested with area of equal or greater biological value, unless the harvesting is for specific incidental reasons (i.e., tail holds, guy line tiebacks or danger trees which are a hazard to adjacent activities).

Through Strategy #2, where:

1. old seral stage requirements have not been achieved through OGMA's in a LU, (e.g., for the LU identified above within the Arrow FDU); or
2. the mature-plus-old targets are not met, as determined by an aspatial analysis within any of the FDU's of this FSP; then

before authorizing the harvesting of timber within seral stages of LUs affected by the above circumstances, a rationale and recruitment strategy will be prepared to achieve the targets consistent with Objective 2 (5) of the KBHLPO (a documented strategy by a Registered Professional Forester (RPF)) including the factors in footnote k of KBHLPO Objective 2 (5) (mature and old attributes).

Measureable or Verifiable

Strategy #1 is verifiable as OGMA's are identified in BCTS Operating Plans and in available GIS layer coverages maintained by BCTS and MFLNRO and harvesting does not take place in OGMA's except for the reasons stated within the strategy and these occurrences are documented by the TSM in Site Plans, including the locations of replacement OGMA areas.

Strategy #2 is verifiable as, where any of the circumstances outlined in bullets 1 or 2 above exist, the TSM conducts or authorizes primary forest activities only after seral stage analysis is conducted, the results of which are documented in landscape level assessments, and a written rationale and recruitment strategy is prepared by a RPF.

5.3.1.3 Green-up

Legal References: KBHLPO Objective 4, FPPR Sections 12(4) to 12(6)

Relates to: KBHLPO Objective 7, FSP Sec. [5.2.2](#) and Sec. [5.3.1.6](#)

Discussion

(As per FSP Section 5.2.2)

Measureable or Verifiable

(As per FSP Section 5.2.2)

5.3.1.4 Fire Maintained Ecosystems

Legal References: KBHLPO Objective 8

This legal objective is not in effect as mapping referred to in the objective has not been legally established under the KBHLPO. However, for information, a description of BCTS's role in ecosystem restoration through the Rocky Mountain Trench Ecosystem Restoration Program is provided.)

5.3.1.5 Water, Fish, Wildlife and Biodiversity within Riparian Areas

Legal References: FPPR Sec. 8, Sec. 12.1(6) and Sec. 12(3)

Relates to: FSP Sec. [5.3.1.7](#)

Discussion

The TSM has elected the exemption from the requirement to specify a result or strategy for the objective for Water, Fish, Wildlife and Biodiversity within Riparian Areas, as permitted by FPPR Section 12.1(6), through a commitment to comply with FPPR Sections 47 to 51 and 52(2) (riparian classes and restrictions) and Section 53 (temperature sensitive streams). However, as noted in Footnote 1 below the results and strategies, Section 53 is not applicable to this FSP as there are no temperature sensitive streams designated through GAR orders within any of the FDUs of the FSP.

With regard to FPPR Section 12(3) (retention of trees in a riparian management zone (RMZ)), Section 2 lays out six strategies and a result that are based on a riparian assessment conducted by a Qualified Registered Professional (QRP) at the planning stage for timber harvesting.

Strategy 2a identifies the specific factors that will be evaluated and recommendations made and Result 2b commits to default ranges of retention levels as specified in the table provided, unless the QRP prescribes a different retention level based on the site specific factors assessed in 2a with a rationale documented in a Site Plan or Support Document.

The option to specify retention levels that vary from the default levels in the table, based on specific factors assessed in 2a, recognizes that RMZ retention is a site-level specific prescription and recognizes the huge range of variability and factors that may be involved in different situations and circumstances. Strategy 2 relies on the professional assessment of the QRP to develop the most appropriate site-specific prescription.

Strategy 2c commits to a monitoring program which assesses the effectiveness of prescribed retention levels along small streams over time, as a feedback mechanism to prescribing QRPs.

Strategy 2d specifies that where tree retention is prescribed these trees or areas may also be used to achieve other stand (WTRA) and landscape level tree retention requirements, if they are suitable based on the assessed factors.

Strategies 2e and 2f are specified to contribute to the maintenance of stream bank and stream channel integrity within RMZs.

Strategy 2g commits the TSM and agreement holders to minimize the introduction of new coarse woody debris and sediment into streams during all primary forest activities.

As guidance to prescribing QRPs, the Information box at the beginning of this section identifies what the objectives of RMZ tree retention are in situations where a Riparian Reserve Zone (RRZ) is present and where it is not.

Measureable or Verifiable

Strategy 2a and Result 2b are verifiable in that a riparian assessment is produced by a QRP, which includes an evaluation of the applicable factors listed, and at the completion of harvesting the default range of RMZ retention levels are present or a QRP has rationalized and documented the reasons for prescribing an alternate retention level. A Site Plan or Support Document prepared by a QRP exists which prescribes retention levels including the % of the pre-harvest stems per hectare to be retained, as well as their distribution, species and other characteristics indicated. These documents must be produced before the TSM authorizes timber harvesting and are retained and available. Result 2b is also measureable on the ground through assessment of the post-harvest tree retention within the RMA versus that prescribed in the Site Plan or Support Document and as specified as Reserved Timber in a Timber Sale Licence (TSL).

Strategy 2c is verifiable in that the TSM will have conducted assessments of impacts to stream function with summarized results available at least twice before the end of the term of the FSP.

Implementation of Strategy 2d is verifiable as decisions are documented within the Site Plan or Support Document prepared by a QRP.

Strategies 2e and 2f (for maintenance of stream bank and stream channel integrity) are verifiable on the ground through inspection of the post-harvest conditions within an RMA, versus these strategies and as prescribed and documented in the Site Plan or Support Document.

Strategy 2g is verifiable on the ground through inspection of the post-harvest conditions within an RMA which indicate that the introduction of new coarse woody debris and sediment into streams is not significant.

5.3.1.6 Wildlife and Biodiversity — Landscape Level

Legal References: FPPR Sec. 9, Sec. 12.1(7), Sec. 64 and Sec. 65

Relates to: FSP Sec. [5.2.2](#), Sec. [5.3.1.2](#) and Sec. [5.3.1.3](#), KBHLPO Objectives 4 and 7

Discussion

The TSM has elected an exemption from the requirement to specify a result or strategy for the objective for Wildlife and Biodiversity at the Landscape Level, as permitted by FPPR Section 12.1(7), through a commitment to undertake to comply with Sections 64 and 65 of the FPPR (except that the height requirement in Section 65(3)(a) and Section 65(3)(b)(ii) is reduced from 3 metres to 2.5 metres).

The rationale for specifying a 2.5 metre green-up height in this section is the same as for green-up height for Enhanced Resource Development Zones - Timber (see Section 5.2.2).

Measureable or Verifiable

The green-up requirement specified in this result or strategy is verifiable and measureable in that timber harvesting is not authorized and does not take place adjacent to an existing cutblock except where in compliance with FPPR Sections 64 and 65 and where the (minimum 2.5 metre) green-up (height) status of any adjacent cutblock has been documented, through a landscape level assessment and/or a Site Plan, based on a documented field assessment, and is also evidenced on the ground.

5.3.1.7 Wildlife and Biodiversity — Stand Level

Legal References: FPPR Sec. 9.1, Sec. 12.5 (3), Sec. 12.5 (4), Sec. 66 and Sec. 67

Discussion

For the objective for wildlife and biodiversity at the stand level the TSM has chosen to specify alternate results and strategies to FPPR Sections 66 and 67, in accordance with FPPR Sections 12.5(3) and 12.5(4).

In Strategy #1 the TSM identifies and commits to documenting the attributes that a QRP will assess in establishing Wildlife Tree Retention Areas (WTRAs). Appendix 3 of the FSP contains 'Attributes of High-Value Wildlife Tree Retention Strategies', which were published in the document *Wildlife Tree Retention: Management Guidance*, developed by The Wildlife Tree Committee of British Columbia (2006).

To provide consistency with the intent of government's objective for wildlife tree retention, as expressed in the practice requirements of FPPR Section 66 (retention of a minimum of 7% of cutblocks), Result #2 specifies that a minimum of 7% of the total cutblock area of a TSL will be retained in WTRAs. By calculating the WTRA requirement at the TSL level and relating WTRAs to one or more cutblocks of a TSL, the strategies allow the preferential location of WTRAs in areas

that provide the best biological or habitat values for wildlife, rather than simply achieving an arbitrary accounting requirement.

The five strategies (a. to d.) under Result #2 identify the calculation and allocation rules to be used and commit to retaining WTRAs over the rotation (except for very specific circumstances specified in Result #3).

The flexibility for the QRP to preferentially locate WTRAs is limited and bound to a degree in that (per 2 d.) some structure must be retained in relation to every cutblock of a TSL and must be at least 3.5% of the total cutblock area for any individual cutblock.

Result #3 commits to not harvesting within established WTRAs and Wildlife Tree Patches (WTPs) except for the very specific reasons identified which, for the most part, are beyond the control of the TSM.

One of the circumstances, 'highly susceptible to insect damage', includes a definition of highly susceptible and specifies the susceptible WTRA must be within 2 km of a current live infestation with a minimum live infestation level of 30% of the total stems per ha of the stand. Since this scenario is most likely to apply to a mountain pine beetle (MPB) situation, 2 km was considered a conservative distance to a live infestation based on the concept of 'beetle pressure index' where distances approaching 3 km or greater generally produce a significantly lower beetle pressure index, resulting in lower risk ratings, regardless of the relative infestation size. For detailed background, see the document entitled '*Susceptibility and risk rating systems for the mountain pine beetle in lodgepole pine stands*', Shore; Safranyik (1992).

Lastly, Strategy #4 commits to the replacement of any WTRA/WTP area that is harvested as a result of the circumstances identified in Result #3 (except for very incidental, un-mappable situations) with area of at least equivalent habitat value.

Measureable or Verifiable

The minimum 7% target for a TSL (and minimum 3.5% retention per cutblock) is measureable and verifiable, on every TSL (as opposed to requiring an annual analysis of all cutblocks on all TSLs). The total hectares and percentage within WTRAs is calculated and identified within the Site Plan or Support Document for each cutblock as well as the overall TSL and is also measureable on the ground.

Harvesting does not take place within a WTRA/WTP, except for one of the reasons in Result #3 and, where it occurs, the reasons for the harvesting and the replacement WTRA/WTP area are documented by a QRP within a related Site Plan or Support Document or an amendment to these.

5.3.2 Wildlife

5.3.2.1 Grizzly Bear Habitat and Connectivity Corridors

Legal References: KBHLPO Objective 5

Relates to: FSP Sec. [5.3.2.4](#) and Sec. [5.3.1.2](#)

Discussion

The TSM has committed to comply with KBHLPO Objective 5 (Grizzly Bear Habitat and Connectivity Corridors) except that, as of the submission date of the FSP, grizzly bear habitat mapping has not been made available through the KBHLPO. Therefore the TSM has committed to be consistent with the general wildlife measures of the applicable GAR orders in effect for grizzly bear as a result or strategy for grizzly bears.

With regard to connectivity and the requirements to meet old and mature-plus-old seral stage targets preferentially within connectivity corridors, the requirements for old forest are considered to be met through spatially identified Old Growth Management Areas (OGMA's) (non-legal) and so there is no need to address the old component of this requirement as connectivity was considered as one of the factors in identifying OGMAs, therefore they are consistent with KBHLPO Objective 5. For the mature component, preferential location into connectivity corridors is an issue where connectivity corridors do not cover an entire BEC variant within the LU. In any situations where the mature-plus-old required targets are not met, the process outlined in FSP Section 5.3.1.2, involving analysis and a recruitment strategy, will be followed before road construction or timber harvesting are authorized.

Measureable or Verifiable

These results and strategies are verifiable as:

1. primary forest activities are consistent with the requirements of the applicable GAR orders in effect for grizzly bear; and
2. with regard to connectivity, the area in OGMAs is not reduced and for the mature-plus-old component the TSM conducts seral stage analysis where a deficit may exist, the results of which are documented, and a written rationale and recruitment strategy is prepared by a RPF and exists before timber harvesting is authorized.

5.3.2.2 Caribou

Legal References: KBHLPO Objective 3 and GAR Sec. 9 to Sec. 13

Relates to: FSP Sec. [5.3.2.4](#)

As described, the KBHLPO Objective 3 for Caribou is not in effect but the TSM will be consistent with the requirements for habitat retention for Mountain Caribou specified within the applicable GAR orders, as committed to in the results and strategies of FSP Section 5.3.2.4.

5.3.2.3 Objectives Set by Government for Wildlife

Legal References: FPPR Sec. 7 and GAR Sec. 9 to Sec. 13

Relates to: FSP Sec. [5.3.2.4](#)

As described, the TSM is exempt from the obligation to specify a result or strategy in relation the objective set by government for wildlife as this objective is addressed by objectives established for Wildlife Habitat Areas (WHAs), Ungulate Winter Ranges (UWRs), and General Wildlife Measures (GWMs). Each of the orders establishing these under the GAR Sections 9 to 13 also specifically contain this exemption for persons required to prepare an FSP.

5.3.2.4 Species at Risk, Regionally Important Wildlife, Ungulate Winter Range and Wildlife Habitat Areas

Legal References: KBHLPO FPPR Sec. 7 and GAR Sec. 9 to Sec. 13

Discussion

As a result, the TSM commits to being consistent with the requirements of the applicable Notices under FPPR Section 7(2) and Orders under the GAR Sections 9 to 13. The Section 7(2) Notices and GAR Orders in effect and applicable to the FDUs in this FSP are listed in Appendix 6 of this Support Document.

As additional strategies related to Species at Risk (SAR), Ungulate Winter Range (UWR) and Wildlife Habitat Areas (WHAs) the TSM has committed to:

- landscape level overview assessment to confirm consistency with FPPR Section 7(2) Notices and GAR Orders
- SAR awareness training
- information provided to contractors and agreement holders on SAR, UWR & WHAs
- access management to protect habitat values

Measureable or Verifiable

The specified result and strategies are verifiable through the following:

1. completed primary forest activities are consistent with the requirements of the applicable Notices and GAR Orders, as documented in Site Plans or Support Documents and as evidenced on the ground;
2. landscape level overview assessments are conducted by a QRP that identify the applicable Notices and GAR Orders and the requirements in order to be consistent with these;
3. the specified SAR awareness training for staff, and recurrence intervals, are tracked and documented in a training record;
4. information packages for contractors and agreement holders regarding SAR exist and are distributed;
5. information on SAR, UWRs and WHAs is referenced in Site Plans or Support Documents and is communicated to contractors and agreement holders through site plans or support documents and in pre-work forms or checklists;
6. as new information related to SAR becomes known, staff training materials and information packages provided to contractors and agreement holders are updated;
7. where a SAR is identified management strategies and measures are documented in a Site Plan or Support Document, including the recommendations of any QRP assessment; and
8. where access control measures are recommended in an assessment or report from a QRP, one or both of the measures identified are put in place.

5.3.3 Fish Habitat in Fisheries Sensitive Watersheds

Legal References: FPPR Sec. 8.1 and GAR Sec. 14(1) and Sec. 14(2)

Applies to: Rocky Mountain FDU

Discussion

The Palliser River, within the Rocky Mountain FDU, is the only legally established fisheries sensitive watershed within the FDUs proposed under this FSP. The watershed is not an agreed-to BCTS operating area; however results and strategies are specified in the event that the TSM should authorize primary forest activities under one of the circumstances described in the FSP Section 4.5 - *FDUs and Rationale*.

As a result, the TSM commits to being consistent with the requirements of the Gar Order establishing this fisheries sensitive watershed. As an additional strategy, the TSM commits to three practices including conducting a rigorous hydrologic assessment and planning and conducting activities consistent with the assessment's results.

Measureable or Verifiable

The specified result and strategy are verifiable as:

1. prior to authorizing primary forest activities a hydrologic assessment is completed by a QRP and is available;
2. planning is in accordance with the recommendations of the hydrologic assessment, as indicated within a Site Plan or Support Document; and
3. completed primary forest activities are consistent with the objectives of the GAR Order and the recommendations of the hydrologic assessment and a Site Plan or Support Document and as evidenced on the ground.

5.4. Water for Consumptive Use

5.4.1 Water in Community Watersheds

Legal References: FPPR Sec. 8.2, Sec. 59 to Sec. 63, Sec. 84

Discussion

As a result or strategy, the TSM has adopted FPPR Sections 59 (protecting water quality), 60 (licenced waterworks), 61 (excavated or bladed trails), 62 (roads in a community watershed) and 63 (use of fertilizers). The TSM has also specified three addition strategies (#2 to #4). Through Strategy #2, before authorizing road construction or timber harvesting, the TSM has committed to conduct a hydrological assessment and to be consistent with its recommendations in planning and conducting activities. Strategies #3 and #4 commit to a referral letter to the water licensee during planning stages and to notification of the water licensee before road construction or deactivation.

Measureable or Verifiable

Result or Strategy #1 is considered consistent and measureable or verifiable as it adopts the practice requirements of FPPR Sections 59 to 63.

The additional specified strategies (#2 to #4) are verifiable as:

1. prior to authorizing primary forest activities a hydrologic assessment is completed by a QRP and is available;
2. planning is in accordance with the recommendations of the hydrologic assessment, as verifiable through Site Plans or Support Documents;
3. a referral letter is sent to the water licensee and documented prior to any timber harvesting and road construction;
4. written notification to the water licensee at least 48 hours before the commencement of road construction or deactivation is documented; and
5. completed primary forest activities are consistent with the recommendations of the hydrologic assessment and a Site Plan or Support Document and as evidenced on the ground.

5.4.2 Consumptive Use Streams

Legal References: KBHLPO Objective 6 and FPPR Sec. 59 & Sec. 60(1)

Relates to: FSP Sec. [5.3.1.5](#)

Discussion

In addition to committing to comply with KBHLPO Objective 6 and adopting FPPR Sections 59 (protecting water quality) and 60(1) (licenced waterworks) as a result or strategy (#3), the TSM commits to provide a referral letter to the water licensee during the planning stage for harvesting and road construction, to ensure a QRP prescribes measures to safeguard water and that the strategies in FSP Section 5.3.1.5 (for riparian management zones) are applied (Strategy #1). As well, Strategy #2 commits to grass seeding of exposed soils within 12 months as a measure for erosion / sediment control measure and to minimize introduction of invasive plants.

Measureable or Verifiable

The specified strategies are verifiable as:

1. a referral letter is sent to the water licensee prior to any timber harvesting or road construction and is documented;
2. a QRP prescribes measures to safeguard water and a prescription for RMZs is made and these are documented in a Site Plan or Support Document;
3. grass seeding, as described in Strategy #2, is completed no later than 12 months after road construction or deactivation are completed, as confirmed from inspection forms and as evidenced on the ground; and
4. material harmful to human health is not deposited in water for human consumption, and licenced waterworks are not damaged, per the practice requirements of FPPR Sec. 59 & 60(1), which are considered verifiable or measureable.

5.5. Visual Quality - Scenic Areas and Visual Quality Objectives

Legal References: KBHLPO Objective 9, FPPR Sec. 9.2, GAR Sec. 7(1) and Sec. 7(2)

Discussion

As a result (#1), the TSM commits that completed road construction and/or timber harvesting will achieve the established VQOs for the area.

Strategy #2 commits to the completion of a Visual Impact Assessment, prior to timber harvesting or road building, including the steps that will be taken to predict the likely VQO using the descriptive categories of visually altered forest landscape as defined in FPPR Section 1.1 (i.e., Preservation, Retention, Partial Retention, Modification and Maximum Modification).

Strategy #3 states that where road construction and/or timber harvesting is proposed and it is not practicable to achieve the established VQO, then the TSM will apply for an exemption through FPPR Section 12(7).

Strategy #4 applies only within the Rocky Mountain FDU and, because of the conditions and requirements that were included in the District Manager's letter of Mar. 14, 2003, establishing VQOs; the TSM commits to apply to the District Manager of the Rocky Mountain Natural Resource District for written approval to vary from an established VQO in every situation where it is anticipated.

Measureable or Verifiable

Result #1 and Strategies #2 to #4 are verifiable in that:

1. as evidenced on the ground, completed road construction and/or timber harvesting is consistent with the VQO established for the area;
2. a Visual Impact Assessment is completed and documented;
3. where road construction and/or timber harvesting does not achieve the VQO established for the area, the TSM has obtained and documented an approval of an exemption under Section 12(7) of the FPPR in advance; and
4. in every situation where road construction and/or timber harvesting will not achieve the approved VQO in the Rocky Mountain FDU the TSM has obtained and documented an approval from the District Manager of the Rocky Mountain Natural Resource District in advance.

5.6. Cultural Heritage Resources

Legal References: FPPR Sec. 10

Discussion

Six detailed strategies are specified in relation to Cultural Heritage Resources (CHRs). Through these the TSM has committed to:

- providing a potentially affected First Nation with information on proposed forest development through an opportunity to review and comment on an Operating Plan;
- request information on the type and location of important traditional use;
- offer to meet to share information, identify concerns, identify appropriate assessments, discuss forest management activities that meet the needs of both BCTS and the First Nation and evaluate potential impacts to CHRs;

- provide written feedback within 60 days to any First Nation providing comments or information;
- hold traditional use information in strict confidence; and
- take specific measures, including communication with a First Nation, where a First Nation's artifact is encountered during timber harvesting or road construction activities.

Measureable or Verifiable

Strategies #1 to #5 for CHRs are verifiable in that, before the TSM authorizes timber harvesting or road construction:

1. a written request to share information and an offer to meet with a First Nation is documented, providing at least 30 days for review and comment;
2. where a meeting takes place, the areas of discussion are documented;
3. where information is received from a First Nation and a meeting does not take place, the results of the TSM's evaluation of the issues is documented and provided to the First Nation;
4. written feedback by the TSM to any comments from a First Nation occurs within 60 days, including a commitment to implement any recommendations agreed to; and
5. traditional use information provided by a First Nation is not released to any other parties, except with the written consent of the First Nation.

Strategy #6 is verifiable in that, where a First Nation's artifact is encountered during operations, the steps in Strategy #6 are implemented by the TSM and documented, including communication and an offer to meet with the First Nation.

5.7. Recreation Resources

Legal References: FRPA Sec. 56, Sec. 180 and Sec. 181, FPPR Sec. 70(1), FRR Sec. 16

Discussion

Where legal objectives have been established for recreation sites and trails these continue to apply (per FRPA Sections 180 and 181). However, information from the Recreation Sites and Trails BC Branch indicates that as new recreation sites and trails are developed corresponding legal objectives may not be established. In these cases, it is expected that recreation resources will be managed and conserved through professional reliance and the authority of the Recreation Officer under the Forest Recreation Regulation (FRR), Section 16.

The TSM has specified a result (#1) and seven detailed strategies for forest recreation to be applied in all cases where activities may affect an interpretive forest site, a recreation site or a recreation trail. These strategies commit to being consistent with legal objectives, where they exist, to obtaining authorization from the applicable Recreation Officer and to consulting with recreation agreement holders, as well as a number of specific steps and practices to protect recreation resources.

Measureable or Verifiable

The strategies in this section are verifiable through the following:

1. primary forest activities are consistent with any legal objective established for the interpretive forest site, recreation site or recreation trail, as detailed in a Site Plan or Support Document and as evidenced on the ground following completion of activities;
2. authorization from a Recreation Officer to conduct activities in and around recreation sites and trails is obtained by the TSM and is documented;
3. where a recreation agreement or tenure exists, a referral by the TSM to the agreement holder takes place and is documented;
4. industrial access and/or use of machinery for approved primary forest activities is permitted;
5. roads constructed to sites or trails intended as non-motorized access are deactivated within one year following completion of primary forest activities;
6. primary forest activities within 100 metres of the centerline of the Dewdney Trail are consistent with the *Dewdney Trail Plan* and approval of the District Manager is obtained by the TSM and documented; and
7. where primary forest activities take place within the area of a recreation site or trail the measures specified in Strategy #7 are followed, as evidenced on the ground.

5.8. Forest Roads

5.8.1 Road Maintenance

Legal References: FPPR Sec. 79

Discussion

The results and strategies specified in this section are not related to an objective established by government, but rather are 'stewardship' related, intended to specify the standard of road maintenance required of industrial road users holding a licence or permit entered into by the TSM and operating within the FDUs of this FSP.

Through the FSP, the results and strategies become requirements that apply to each holder of an agreement under Section 12(2) of the Forest Act entered into by the TSM and apply to any road which provides industrial access to the above agreements, unless the road has been made the responsibility of another industrial user to maintain by the District Manager.

Measureable or Verifiable

The results and strategies in this section are verifiable in that, unless a written exemption from the TSM is in place, the holder of an agreement maintains the roads providing industrial access to the holder's agreement area, and the five maintenance requirements of the strategy are complied with, as evidenced on the ground and documented in inspection forms.

5.8.2 Revegetation following Road Construction and Deactivation

Legal References: FPPR Sec. 40

Relates to: FSP Sec. [6.1](#)

Discussion

As with FSP Section 5.8.1, the results and strategies specified in this section are not related to an objective established by government, but rather are 'stewardship' related, intended to specify the standard for revegetation measures required following road construction and/or deactivation by a holder of a licence or permit entered into by the TSM and operating within the FDUs of this FSP.

Through the FSP, the results and strategies become requirements that apply to each holder of an agreement under Section 12(2) of the Forest Act entered into by the TSM.

Measureable or Verifiable

The results and strategies in this section are verifiable in that, unless a written exemption from the TSM is in place, the holder of an agreement carries out grass seeding of exposed mineral soils no later than 12 months after completion of road construction or deactivation activities, and the three requirements of the strategy are complied with, as evidenced on the ground and documented in inspection forms.

6. MEASURES IN RELATION TO INVASIVE PLANTS AND NATURAL RANGE BARRIERS

6.1. Measures to Prevent the Introduction or Spread of Invasive Plants

Legal References: FRPA Sec. 47, FPPR Sec. 17

Relates to: FSP Sec. [5.8.2](#)

Discussion

The detailed measures specified to prevent the introduction or spread of invasive plants contain components of risk assessment, awareness training, detection, reporting, inspection and monitoring. In addition, the measures include requirements to prevent transport of soil and plant materials and for prompt revegetation measures.

Measureable or Verifiable

The measures in this section are verifiable through the following:

1. during planning stages for primary forest activities, landscape level assessments document findings from the MFLNRO Invasive Alien Plant Program (IAPP) database;
2. invasive plant awareness training of BCTS staff is documented in training records and is a requirement for contractors;
3. personnel carrying out activities in the field identify invasive plant infestations in field documents and enter information into the MFNRO report-a-weed reporting system within 30 days;
4. information packages for contractors and agreement holders regarding invasive plants exist and are distributed, requirements exist in contracts and agreements, and the requirements are reviewed at pre-works and during monitoring, as documented in pre-work inspection forms or checklists;
5. contracts and agreements require:

- a. inspection of vehicles, equipment, and structures for soil and plant materials and their removal, where present, with documentation;
 - b. measures to revegetate exposed soils on new roads, trails, landings and rehabilitated areas occur within 12 months;
 - c. seeding uses a recommended mix, otherwise Canada Common #1 or better grade seed;
6. invasive plant infestations are documented in Site Plans or Support Documents, recorded in post-harvest surveys and new infestations identified during surveys are reported; and
7. within the Rocky Mountain FDU, where timber harvesting is for the purposes of ecosystem restoration, the additional requirements specified are documented in Site Plans or Support Documents, are licence requirements, and are evidenced on the ground.

6.2. Measures to Mitigate the Loss of Natural Range Barriers

Legal References: FRPA Sec. 48 and Sec. 51, FPPR Sec. 18

Discussion

The detailed measures specified to mitigate the effect of removing or rendering ineffective natural range barriers include planning to minimize impacts, referrals to range agreement holders, consultation with range agreement holders on mitigative measures and implementation of mitigative measures within a specific timeline.

Measureable or Verifiable

The measures specified by the TSM in this section are verifiable through the following:

1. site plans and support documents describe the strategies or measures to minimize or mitigate impacts to natural range barriers;
2. a written referral to any potentially affected range agreement holder is documented prior to timber harvesting or road building activities;
3. mitigative measures agreed to with a range agreement holder are a requirement of any agreement or contract issued by the TSM, or are carried out by the TSM within one year or other timeline as agreed to; and
4. if an agreement is not able to be concluded with a range agreement holder, the TSM consults with the District Range Officer and notifies the holder of the range tenure in writing (therefor documented) of planned measures at least 30 days prior undertaking the measures.

7. STOCKING STANDARDS

7.1. Free Growing Stand Assessment and Stocking Standards

Legal References: FRPA Sec. 29(2), FPPR Sec. 16 and Sec. 44

1. *For the Arrow, Boundary and Kootenay Lake FDU's, the TSM adopts the existing¹ stocking standards approved under the most recent BCTS Arrow Boundary and Kootenay Lake FSPs, as amended from time to time. The following stocking standards are a summary of those in effect on the date of the FSP submission, and are submitted as accompanying documents:*
 - a. BCTS 2017-2022 FSP Stocking Standards - Arrow & Boundary FDU's
 - b. BCTS 2017-2022 FSP Stocking Standards - Kootenay Lake FDU
2. *For the Rocky Mountain FDU, the TSM adopts the existing¹ approved stocking standards for the Rocky Mountain Natural Resource District, as amended from time to time. The following stocking standards are those in effect on the date of the FSP submission, submitted as accompanying documents:*
 - a. Rocky Mountain Natural Resource District FSP Stocking Standards
 - b. Rocky Mountain Forest District Partial Cutting Stocking Standards
3. *For the purposes of FPPR Section 16(1) (whether free growing is assessed on a block basis or collectively across blocks), the TSM specifies that FPPR Section 44(1), free growing stands generally (assessed on a block basis), applies in all situations and circumstances under this FSP.*
4. *For the purposes of FPPR Section 16(3), for each area where the TSM is required to establish a free growing stand:*
 - (a) *the applicable stocking standards and applicable regeneration date referred to in FPPR Section 44(1)(a); and*
 - (b) *the applicable stocking standards and applicable free growing height referred to in FPPR Section 44(1)(b);**are as set out within the stocking standards documents identified in the section above and summarized in APPENDIX 5, as amended from time to time.*

¹ *As of the date of this FSP submission all of the above existing stocking standards are entered and approved within the FSP Tracking System under the following FSP IDs: 31 (Arrow Boundary), 279 (Kootenay Lake) and 41 (Rocky Mountain).*

Discussion

The TSM has proposed to adopt the existing stocking standards approved under the most recent BCTS Arrow Boundary and Kootenay Lake FSPs and the existing Rocky Mountain Natural Resource District FSP Stocking Standards.

It is expected that MFLNRO will be releasing new biogeoclimatic ecosystem classification (BEC) and mapping information at some point before the expiry of this FSP, which will necessitate the revision of stocking standards in both the Selkirk and Rocky Mountain Natural Resource Districts. At that time BCTS will submit revised stocking standards for approval through an amendment to this FSP.

8. APPENDICES

APPENDIX 1 - FDU Maps

The following FDU Maps are submitted as accompanying documents and are a legal component of the FSP:

Arrow_FDU_Map_2017-2022_FSP

Boundary_FDU_Map_2017-2022_FSP

Kootenay_Lake_FDU_Map_2017-2022_FSP

Rocky_Mountain_FDU_Map_2017-2022_FSP

APPENDIX 2 - Timber Sale Licences and Road Permits in Effect

In accordance with FPPR Section 14(3)(k), Appendix 2 lists the timber sale licences (TSLs) and road permits (RPs) granted or entered into by the TSM and in effect four months before the FSP submission

(Self-Explanatory)

APPENDIX 3 - Attributes of High-Value Wildlife Tree Retention Strategies

Source: *The Wildlife Tree Committee of British Columbia. 2006. Wildlife Tree Retention: Management Guidance*

Attributes of a high-value wildlife tree	Attributes of a high-value wildlife tree patch	Attributes of high-value, dispersed wildlife tree retention	Attributes of high-value wildlife tree retention at the cutblock level
<ul style="list-style-type: none"> • Internal decay (heart rot or natural/excavated cavities present). • Crevices present (loose bark or cracks suitable for bats). • Large brooms present. • Active or recent wildlife use. • Tree structure suitable for wildlife use (e.g., large nest, hunting perch, bear den). • Large trees for the site (height and diameter) and veterans. • Locally important wildlife tree species. 	<ul style="list-style-type: none"> • Trees with valuable wildlife tree attributes, including large dead trees. • Potentially dangerous trees have been assessed. • Large patches with no harvest related modifications. • Patches anchored on high-value trees/habitats, and/or other biodiversity criteria (e.g., around raptor nests, cave entrances), and/or operationally difficult areas (e.g., wet areas). • Retention of uncommon species, stand characteristics, and other elements of stand-level biodiversity. • Designed in consideration of windthrow risk. • Designed to balance valuable wildlife tree habitat attributes (e.g., heart rot, brooms, insects) and forest health issues. • Considers how individual tree species and site conditions affect stand structure. • Patches distributed throughout the cutblock. • Undisturbed forest floor. 	<ul style="list-style-type: none"> • Wildlife trees that can be safely worked around during current and near future forest operations. • Retained trees have the potential to achieve the desired stand structure attributes (e.g., tall, large diameter trees). • Considers the susceptibility to windthrow. • Includes deciduous trees, vets, “wolf trees” and other trees of generally lower economic value. 	<ul style="list-style-type: none"> • Based on a pre-harvest field assessment that identifies best opportunities for retaining wildlife trees in the most ecologically and operationally appropriate locations. • Contains a diversity of wildlife tree retention strategies (e.g., a range of patch sizes combined with dispersed trees). • Captures a diversity of habitat types. • Any fallen trees within reserve areas are left in place to function as coarse woody debris, unless they pose a significant forest health or other concern. • Considers tree windfirmness. Patch and individual tree retention considers the site, stand and individual trees during layout (e.g., low height/diameter ratio). • Ecological interpatch distance has been incorporated into design. • Identifiable on a map for long-term tracking and evaluation/monitoring. • Higher levels of retention on cutblocks with high ecological values, and lower levels of retention on cutblocks with low ecological values. However, ideally some retention on every cutblock. • Increased retention levels where there are exceptional wildlife tree or other stand-level biodiversity values that can be retained.

Note: In general, no single retention strategy is appropriate for all sites. Factors, such as stand type and condition, tree species, and windthrow hazard, create unique conditions for each stand.

APPENDIX 4 - Designated Community Watersheds in Effect

The following are the designated community watersheds covered by this FSP and in effect at the time of the FSP submission:

Community Watershed Name	Water Source	Total Hectares	Trim Map	Date Designated
BOUNDARY FDU				
Brides Community Watershed	Brides Creek	279.4	082E.005	15-Jun-95
Mckinney Community Watershed	McKinney Creek	813.5	082E.005	15-Jun-95
Moody Community Watershed	Moody Creek	2039.1	082E.009	15-Jun-95
Overton Community Watershed	Overton Creek	371.9	082E.008	15-Jun-95
Sutherland Community Watershed	Sutherland Creek	9185.8	082E.009	15-Jun-95
ARROW FDU				
Angel Community Watershed	Angel Creek	7.1	082K.004	15-Jun-95
Aylard Community Watershed	Aylard Creek	3.9	082K.004	15-Jun-95
Baerg Community Watershed	Baerg Creek	410.4	082K.012	15-Jun-95
Bartlett Community Watershed	Bartlett Creek	541	082F.094	15-Jun-95
Bath Community Watershed	Bath Creek	151	082F.013	15-Jun-95
Batys Community Watershed	Batys Creek	217.1	082K.063	15-Jun-95
Brouse Community Watershed	Brouse Creek	310.7	082K.022	15-Jun-95
Caribou Community Watershed	Caribou Creek	23734.6	082F.091	15-Jun-95
Casino Community Watershed	Casino Creek	202.5	082F.002	15-Jun-95
China Community Watershed	China Creek	2778.3	082F.022	15-Jun-95
Climax Community Watershed	Climax Creek	215.8	082F.073	15-Jun-95
Deer Community Watershed	Deer Creek	8136.3	082E.050	15-Jun-95
Dog Community Watershed	Dog Creek	1083.1	082K.012	15-Jun-95
Elgood Community Watershed	Elgood Creek	133.1	082F.011	15-Jun-95
Fruitvale Community Watershed	Fruitvale Creek	506.5	082F.013	15-Jun-95
Gander Community Watershed	Gander Creek	830.1	082F.042	15-Jun-95
Glade Community Watershed	Glade Creek	2979.4	082F.033	15-Jun-95
Gwillim Community Watershed	Gwillim Creek	7863.4	082F.073	15-Jun-95
Halfway Community Watershed	Halfway Creek	408.1	082K.022	15-Jun-95
Hanna Community Watershed	Hanna Creek	3384.4	082F.012	15-Jun-95
Heart Community Watershed	Heart Creek	2628	082E.090	15-Jun-95
Humphries Community Watershed	Humphries Creek	762.7	082K.063	15-Jun-95
Kelly Community Watershed	Kelly Creek	2391.4	082F.013	15-Jun-95
Kuskanax Community Watershed	Kuskanax Creek	34905.2	082K.032	15-Jun-95
Mads Community Watershed	Mads Brook	42.4	082F.022	15-Jun-95
Mcdermid Community Watershed	McDermid Creek	761.2	082F.042	15-Jun-95
Mcfayden Community Watershed	McFayden Creek	582.3	082F.052	15-Jun-95
Mcnally Community Watershed	McNally Creek	440.5	082F.012	15-Jun-95
Norns Community Watershed	Norns Creek	20242.9	082F.032	15-Jun-95
Petersen Community Watershed	Petersen Brook	82.7	082F.022	15-Jun-95
Quartz Community Watershed	Quartz Creek	589.4	082F.024	15-Jun-95
Rashdell Community Watershed	Rashdell Spring	12.3	082K.004	15-Jun-95
South Murphy Community Watershed	South Murphy Creek	279	082F.011	15-Jun-95
Springer Community Watershed	Springer Creek	4897.4	082F.073	15-Jun-95
Topping Community Watershed	Topping Creek-FR	2098.8	082F.012	15-Jun-95
West Little Sheep Community Watershed	W. Little Sheep Creek	422.8	082F.001	15-Jun-95

KOOTENAY LAKE FDU				
Anderson Community Watershed	Anderson Creek	1308.7	082F.044	15-Jun-95
Arrow Community Watershed	Arrow Creek	7872.2	082F.018	15-Jun-95
Bird Community Watershed	Bird Creek	780.3	082F.043	15-Jun-95
Bjerkness Community Watershed	Bjerkness Creek	2499.3	082F.086	15-Jun-95
Blunt Community Watershed	Blunt Creek	7.3	082F.054	15-Jun-95
Bourke Community Watershed	Bourke Creek	127.8	082F.065	15-Jun-95
Bradley Community Watershed	Bradley Creek	324.7	082F.065	15-Jun-95
Brooks Community Watershed	Brooks Creek	5.4	082F.086	15-Jun-95
Cameron Community Watershed	Cameron Brook	88.9	082F.017	15-Jun-95
Camp Run Community Watershed	Camp Run Creek	6.4	082F.008	15-Jun-95
Clayton Community Watershed	Clayton Creek	11.6	082F.065	15-Jun-95
Davis Community Watershed	Davis Creek	6290.7	082K.016	15-Jun-95
Duck Community Watershed	Duck Creek	5195.9	082F.018	15-Jun-95
Duhamel Community Watershed	Duhamel Creek	5689.5	082F.054	15-Jun-95
Eagle Community Watershed	Eagle Creek	573.5	082F.044	15-Jun-95
Falls Community Watershed	Falls Creek	3381.7	082F.043	15-Jun-95
Five Mile Community Watershed	Five Mile Creek	4705.1	082F.054	15-Jun-95
Fletcher Community Watershed	Fletcher Creek	1450.7	082F.086	15-Jun-95
Floyd Community Watershed	Floyd Creek	1782.5	082F.008	15-Jun-95
Foster Community Watershed	Foster Creek	109.8	082F.054	15-Jun-95
Four Mile Community Watershed	Four Mile Creek	331.7	082F.054	15-Jun-95
Hansen Community Watershed	Hansen Brook	24	082F.076	15-Jun-95
Hendryx Community Watershed	Hendryx Creek	522.9	082F.076	15-Jun-95
Indian Community Watershed	Indian Creek	482.7	082F.076	15-Jun-95
Jarvis Community Watershed	Jarvis Creek	4.5	082F.054	15-Jun-95
Kemp Community Watershed	Kemp Creek	1179.5	082F.086	15-Jun-95
Kleef Community Watershed	Kleef Brook	60.4	082F.054	15-Jun-95
La France Community Watershed	La France Creek	5583.6	082F.057	15-Jun-95
Lockhart Community Watershed	Lockhart Creek	3735.3	082F.057	15-Jun-95
Longueval Community Watershed	Longueval Creek	3.9	082F.037	15-Jun-95
McDonald Community Watershed	McDonald Creek	217.9	082F.096	15-Jun-95
McGregor Community Watershed	McGregor Creek	383.7	082F.047	15-Jun-95
Mortimer Community Watershed	Mortimer Creek	50.9	082F.017	15-Jun-95
Procter Community Watershed	Procter Creek	825.2	082F.066	15-Jun-95
Rover Community Watershed	Rover Creek	4277.5	082F.043	15-Jun-95
Russell Community Watershed	Russell Creek	2350.2	082F.019	15-Jun-95
Sanca Community Watershed	Sanca Creek	10879.4	082F.037	15-Jun-95
Sandy Community Watershed	Sandy Creek	1213	082F.044	15-Jun-95
Selous Community Watershed	Selous Creek	1519.6	082F.044	15-Jun-95
Sitkum Community Watershed	Sitkum Creek	2702.8	082F.065	15-Jun-95
Smallwood Community Watershed	Smallwood Creek	1739.6	082F.043	15-Jun-95
Smoky Community Watershed	Smoky Creek	433.9	082F.043	15-Jun-95
South Blunt Community Watershed	South Blunt Creek	70.7	082F.054	15-Jun-95
South Rykert Community Watershed	South Rykert Creek	7.2	082F.008	15-Jun-95
Sullivan Community Watershed	Sullivan Creek	620.8	082F.018	15-Jun-95
Sutherland Community Watershed	Sutherland Creek	143.5	082F.054	15-Jun-95
Teetzel Community Watershed	Teetzel Creek	701.3	082F.007	15-Jun-95
The Rivulet Community Watershed	The Rivulet	10.4	082F.043	15-Jun-95
Twin Bays Community Watershed	Twin Bays Creek	1136.3	082F.037	15-Jun-95
Urmston Community Watershed	Urmston Creek	688.2	082F.007	15-Jun-95
Watts Community Watershed	Watts Brook	31.9	082F.043	15-Jun-95

ROCKY MOUNTAIN FDU				
Abel Community Watershed	Abel Creek	3489.2	082K.050	15-Jun-95
Boardman Community Watershed	Boardman Creek	215.1	082G.045	15-Jun-95
Boivin Community Watershed	Boivin Creek	5864	082J.006	15-Jun-95
Cold Spring Community Watershed	Cold Spring Creek	975.2	082J.031	15-Jun-95
Cummings Community Watershed	Cummings Creek	12287.2	082G.076	15-Jun-95
Fairy Community Watershed	Fairy Creek	2369.5	082G.055	15-Jun-95
Forster Community Watershed	Forster Creek	16616.4	082K.069	15-Jun-95
Glencairn Community Watershed	Glencairn Creek	576.2	082G.021	15-Jun-95
Gold Community Watershed	Gold Creek	9326	082G.032	15-Jun-95
Joseph Community Watershed	Joseph Creek	5812.8	082G.052	15-Jun-95
Kimberley Community Watershed	Kimberley Creek	1019.5	082G.061	15-Jun-95
Luxor Community Watershed	Luxor Creek	9287.6	082K.090	15-Jun-95
Macaulay Community Watershed	Macaulay Creek	1383.3	082K.070	15-Jun-96
Madias Community Watershed	Madias Creek	2434.6	082J.041	15-Jun-95
Mark Community Watershed	Mark Creek	11201.1	082G.061	15-Jun-95
Matthew Community Watershed	Matthew Creek	15360	082F.070	15-Jun-95
Miller Creek Community Watershed	Miller Creek	730.5	082G.005	6-Feb-01
Pye Community Watershed	Pye Creek	18.6	082J.021	15-Jun-95
Reserve Community Watershed	Reserve Creek	1077.4	082G.005	15-Jun-95
Sophy Community Watershed	Sophy Creek	890.2	082J.041	15-Jun-95
Tatley Community Watershed	Tatley Creek	1913.6	082J.031	15-Jun-95
Taynton Community Watershed	Taynton Creek	1454.9	082K.050	15-Jun-95
Abel Community Watershed	Abel Creek	3489.2	082K.050	15-Jun-95
Boardman Community Watershed	Boardman Creek	215.1	082G.045	15-Jun-95
Boivin Community Watershed	Boivin Creek	5864	082J.006	15-Jun-95
Cold Spring Community Watershed	Cold Spring Creek	975.2	082J.031	15-Jun-95
Cummings Community Watershed	Cummings Creek	12287.2	082G.076	15-Jun-95
Fairy Community Watershed	Fairy Creek	2369.5	082G.055	15-Jun-95
Forster Community Watershed	Forster Creek	16616.4	082K.069	15-Jun-95
Glencairn Community Watershed	Glencairn Creek	576.2	082G.021	15-Jun-95
Gold Community Watershed	Gold Creek	9326	082G.032	15-Jun-95
Joseph Community Watershed	Joseph Creek	5812.8	082G.052	15-Jun-95
Kimberley Community Watershed	Kimberley Creek	1019.5	082G.061	15-Jun-95
Luxor Community Watershed	Luxor Creek	9287.6	082K.090	15-Jun-95
Macaulay Community Watershed	Macaulay Creek	1383.3	082K.070	15-Jun-96
Madias Community Watershed	Madias Creek	2434.6	082J.041	15-Jun-95
Mark Community Watershed	Mark Creek	11201.1	082G.061	15-Jun-95
Matthew Community Watershed	Matthew Creek	15360	082F.070	15-Jun-95
Miller Creek Community Watershed	Miller Creek	730.5	082G.005	6-Feb-01
Pye Community Watershed	Pye Creek	18.6	082J.021	15-Jun-95
Reserve Community Watershed	Reserve Creek	1077.4	082G.005	15-Jun-95
Sophy Community Watershed	Sophy Creek	890.2	082J.041	15-Jun-95
Tatley Community Watershed	Tatley Creek	1913.6	082J.031	15-Jun-95
Taynton Community Watershed	Taynton Creek	1454.9	082K.050	15-Jun-95
Abel Community Watershed	Abel Creek	3489.2	082K.050	15-Jun-95
Boardman Community Watershed	Boardman Creek	215.1	082G.045	15-Jun-95
Boivin Community Watershed	Boivin Creek	5864	082J.006	15-Jun-95
Cold Spring Community Watershed	Cold Spring Creek	975.2	082J.031	15-Jun-95
Cummings Community Watershed	Cummings Creek	12287.2	082G.076	15-Jun-95
Fairy Community Watershed	Fairy Creek	2369.5	082G.055	15-Jun-95
Forster Community Watershed	Forster Creek	16616.4	082K.069	15-Jun-95

Glencairn Community Watershed	Glencairn Creek	576.2	082G.021	15-Jun-95
Gold Community Watershed	Gold Creek	9326	082G.032	15-Jun-95
Joseph Community Watershed	Joseph Creek	5812.8	082G.052	15-Jun-95
Kimberley Community Watershed	Kimberley Creek	1019.5	082G.061	15-Jun-95
Luxor Community Watershed	Luxor Creek	9287.6	082K.090	15-Jun-95
Macaulay Community Watershed	Macaulay Creek	1383.3	082K.070	15-Jun-96
Madias Community Watershed	Madias Creek	2434.6	082J.041	15-Jun-95
Mark Community Watershed	Mark Creek	11201.1	082G.061	15-Jun-95
Matthew Community Watershed	Matthew Creek	15360	082F.070	15-Jun-95
Miller Creek Community Watershed	Miller Creek	730.5	082G.005	6-Feb-01
Pye Community Watershed	Pye Creek	18.6	082J.021	15-Jun-95
Reserve Community Watershed	Reserve Creek	1077.4	082G.005	15-Jun-95
Sophy Community Watershed	Sophy Creek	890.2	082J.041	15-Jun-95
Tatley Community Watershed	Tatley Creek	1913.6	082J.031	15-Jun-95
Taynton Community Watershed	Taynton Creek	1454.9	082K.050	15-Jun-95
Abel Community Watershed	Abel Creek	3489.2	082K.050	15-Jun-95
Boardman Community Watershed	Boardman Creek	215.1	082G.045	15-Jun-95
Boivin Community Watershed	Boivin Creek	5864	082J.006	15-Jun-95
Cold Spring Community Watershed	Cold Spring Creek	975.2	082J.031	15-Jun-95
Cummings Community Watershed	Cummings Creek	12287.2	082G.076	15-Jun-95
Fairy Community Watershed	Fairy Creek	2369.5	082G.055	15-Jun-95
Forster Community Watershed	Forster Creek	16616.4	082K.069	15-Jun-95
Glencairn Community Watershed	Glencairn Creek	576.2	082G.021	15-Jun-95
Gold Community Watershed	Gold Creek	9326	082G.032	15-Jun-95
Joseph Community Watershed	Joseph Creek	5812.8	082G.052	15-Jun-95
Kimberley Community Watershed	Kimberley Creek	1019.5	082G.061	15-Jun-95
Luxor Community Watershed	Luxor Creek	9287.6	082K.090	15-Jun-95
Macaulay Community Watershed	Macaulay Creek	1383.3	082K.070	15-Jun-96
Madias Community Watershed	Madias Creek	2434.6	082J.041	15-Jun-95
Mark Community Watershed	Mark Creek	11201.1	082G.061	15-Jun-95
Matthew Community Watershed	Matthew Creek	15360	082F.070	15-Jun-95
Miller Creek Community Watershed	Miller Creek	730.5	082G.005	6-Feb-01
Pye Community Watershed	Pye Creek	18.6	082J.021	15-Jun-95
Reserve Community Watershed	Reserve Creek	1077.4	082G.005	15-Jun-95
Sophy Community Watershed	Sophy Creek	890.2	082J.041	15-Jun-95
Tatley Community Watershed	Tatley Creek	1913.6	082J.031	15-Jun-95
Taynton Community Watershed	Taynton Creek	1454.9	082K.050	15-Jun-95

APPENDIX 5 - Stocking Standards

The following stocking standards are submitted as accompanying documents and are a legal component of this FSP:

BCTS 2017-2022 FSP Stocking Standards - Arrow & Boundary FDUs

BCTS 2017-2022 FSP Stocking Standards - Kootenay Lake FDU

Rocky Mountain District FSP Stocking Standards

Rocky Mountain District Partial Cutting Stocking Standards

APPENDIX 6 - FPPR Section 7(2) Notices and GAR Orders

Species at Risk Notices - FPPR section 7(2)

Notice	Forest District / FDU	Date Notice Given	Species	Exemption from objective (Complete, Partial)	WHA Orders and Notices Providing Exemption
Notice - RM	Rocky Mountain	Dec. 30, 2004	Rocky Mountain Tailed-frog	Complete	Order 1 (PDF 114KB) Order 2 (PDF 109KB)
			Coeur d'Alene Salamander	Complete	Data Sensitive
			Flammulated Owl	Complete	Order1 (PDF 113KB) Order2 (PDF86KB)
			Lewis's Woodpecker	Complete	Order (PDF 97KB)
			Badger	Complete	Order (PDF 63KB)
Notice - KL	Kootenay Lake	Dec. 30, 2004	Coeur d'Alene Salamander	Partial	Data Sensitive
			Rocky Mountain Tailed-frog	Complete	Order (PDF 109KB)
Notice - AB	Arrow Boundary	Dec. 30, 2004	Coeur d'Alene Salamander	Partial	Data Sensitive
			Flammulated Owl		
			Interior Western Screech Owl	Complete	Order (PDF 104KB)

Notices source: [http://www.env.gov.bc.ca/esd/distdata/ecosystems/frpa/Approved FRPR_sec7 WLPPR_sec9 Notices and Supporting Info/Species at Risk/](http://www.env.gov.bc.ca/esd/distdata/ecosystems/frpa/Approved_FRPR_sec7_WLPPR_sec9_Notices_and_Supporting_Info/Species_at_Risk/)

WHA Orders and Notices source: <http://www.env.gov.bc.ca/wld/frpa/index.html>

Ungulate Winter Range - GAR Orders

ORDER / UWR.ID	Species	Name TFL, TSA,	Forest District / FDU	Date Order in Effect (d/m/y)	Total Hectares	Date Amendment takes Effect (d/m/y)	Approved Objectives/	Approved Boundaries
		District, etc.					General Wildlife Measures	
U-4-001	Elk, Mule Deer, White-tailed Deer and Moose	Arrow TSA, Kootenay Lake TSA, Revelstoke TSA, TFL 23 and TFL 3	Arrow Boundary, Kootenay Lake	1/3/2007	277,387	2/2/2006	PDF	Boundaries
						7/12/2006	PDF	
						15/02/2007	PDF	
							PDF	
U-4-006	White-tailed Deer, Mule Deer, Moose, Elk, Bighorn Sheep, Mountain Goat	Cranbrook TSA	Rocky Mountain	17/02/2005	402,212		PDF	Boundaries
U-4-008	White-tailed Deer, Mule Deer, Moose, Elk, Bighorn Sheep, Mountain Goat	Invermere TSA	Rocky Mountain	17/02/2005	217,379		PDF	Boundaries
U-4-010	Mountain Caribou	Kinbasket Planning Unit	Columbia	17/12/09	30,760		PDF	Boundaries
							PDF Rationale	
U-4-012	Mountain Caribou	Southwest Kootenay Planning Unit	Arrow Boundary / Kootenay Lake	17/12/09	61,474	09/12/10	PDF	Boundaries
							PDF Rationale	
							PDF	
U-4-013	Mountain Caribou	Southeast Kootenay Planning Unit	Rocky Mountain / Kootenay Lake	17/12/09	212,953	09/12/10	PDF	Boundaries
							PDF Rationale	
							PDF	
U-4-014	Mountain Caribou	Central Kootenay Planning Unit	Arrow Boundary / Kootenay Lake / Rocky Mountain / Columbia	17/12/09	276,944	09/12/10	PDF	Boundaries
							PDF Rationale	
							PDF	

U-8-007	Moose	Boundary TSA and TFL 8	Arrow Boundary	11/5/2006	91,016		PDF	Boundaries
U-8-008	Mule Deer	Boundary TSA and TFL 8	Arrow Boundary	11/5/2006	65,897		PDF	Boundaries
U-8-009	Mountain Goat	Boundary TSA and TFL 8	Arrow Boundary	11/5/2006	5,468		PDF	Boundaries
U-8-010	Sheep	Boundary TSA and TFL 8	Arrow Boundary	11/5/2006	1,988		PDF	Boundaries

Wildlife Habitat Areas - GAR Orders (Boundary FDU)

WHA Number	WHA Name	Species	Forest District Name	Date Order takes Effect	Total Hectares	Approved Orders / General Wildlife Measures	Approved Boundaries
4-096	Upper Granby 1	Grizzly Bear	Arrow Boundary	15-Feb-07	539	Order (PDF)	Boundaries
4-097	Upper Granby 2	Grizzly Bear	Arrow Boundary	15-Feb-07	255	Order (PDF)	Boundaries
4-104	Upper Granby 3	Grizzly Bear	Arrow Boundary	15-Feb-07	152.9	Order (PDF)	Boundaries
8-001	Granby River	Ponderosa pine - Black cottonwood - Snowberry	Arrow Boundary	FPC Grandparented	12.5	Order 1 (PDF) Order 2 (PDF)	Boundaries
8-055	Boothman Dens	Data Sensitive	Arrow Boundary	9-Dec-04	144.4	Data Sensitive	Boundaries
8-056	Elephant Head	Data Sensitive	Arrow Boundary	9-Dec-04	237.7	Data Sensitive	Boundaries
8-139	Gable Mt	Grizzly Bear	Arrow Boundary	15-Feb-07	238	Order (PDF)	Boundaries
8-141	Granby 3	Grizzly Bear	Arrow Boundary	15-Feb-07	416	Order (PDF)	Boundaries
8-142	Granby 4	Grizzly Bear	Arrow Boundary	15-Feb-07	488	Order (PDF)	Boundaries
8-143	Granby 5	Grizzly Bear	Arrow Boundary	15-Feb-07	480	Order (PDF)	Boundaries
8-147	Granby 6	Grizzly Bear	Arrow Boundary	15-Feb-07	374	Order (PDF)	Boundaries
8-148	Philippa Creek	Grizzly Bear	Arrow Boundary	15-Feb-07	295	Order (PDF)	Boundaries
8-203	Stanhope-McKinney	Williamson's Sapsucker, thyroideus subspecies	Arrow Boundary	20-Mar-08	30.7	Order (PDF)	Boundaries
8-204	Storm Mt	Williamson's Sapsucker, thyroideus subspecies	Arrow Boundary	20-Mar-08	45.7	Order (PDF)	Boundaries

8-205	Rock Creek	Williamson's Sapsucker, thyroideus subspecies	Arrow Boundary	20-Mar-08	31.9	Order (PDF)	Boundaries
8-208	Johnston Creek 3	Williamson's Sapsucker, thyroideus subspecies	Arrow Boundary	20-Mar-08	32.7	Order (PDF)	Boundaries
8-210	Johnston Creek 5	Williamson's Sapsucker, thyroideus subspecies	Arrow Boundary	20-Mar-08	40.1	Order (PDF)	Boundaries
8-213	McKinney Rd 3	Williamson's Sapsucker, thyroideus subspecies	Arrow Boundary	20-Mar-08	36.5	Order (PDF)	Boundaries
8-239	Rock Creek	Data Sensitive	Arrow Boundary	29-May-08	244.6	Data Sensitive	Boundaries
8-243	Rock Creek - Janes Addition	Data Sensitive	Arrow Boundary	29-May-08	145	Data Sensitive	Boundaries
8-296	Gilpin1	Lewis's Woodpecker	Arrow Boundary	19-May-11	28	Order (PDF)	Boundaries
8-297	Gilpin2	Lewis's Woodpecker	Arrow Boundary	19-May-11	19.6	Order (PDF)	Boundaries
8-298	Gilpin3	Lewis's Woodpecker	Arrow Boundary	19-May-11	11.3	Order (PDF)	Boundaries
8-299	Midway 1	Lewis's Woodpecker	Arrow Boundary	4-Sep-08	19.6	Order (PDF)	Boundaries
8-300	Midway 2	Lewis's Woodpecker	Arrow Boundary	4-Sep-08	26.1	Order (PDF)	Boundaries
8-301	Midway 3	Lewis's Woodpecker	Arrow Boundary	4-Sep-08	19.6	Order (PDF)	Boundaries
8-329	Trapping Creek	Badger	Arrow Boundary	17-Dec-09	29	Order (PDF)	Boundaries
8-330	Beaverdell Creek	Badger	Arrow Boundary	17-Dec-09	1	Order (PDF)	Boundaries
8-373	Arrow Boundary TSA	Grizzly Bear	Arrow Boundary	2-Sep-10	To be Determined	Order (PDF)	Boundaries
8-374	Boothman-Gilpin area, Grand Forks	Data Sensitive	Arrow Boundary	17-Feb-11	100	Data Sensitive	Boundaries

Wildlife Habitat Areas - GAR Orders (Arrow FDU)

WHA Number	WHA Name	Species	Forest District Name	Date Order takes Effect	Total Hectares	Approved Orders / General Wildlife Measures	Approved Boundaries
4-036	Ione	Data Sensitive	Arrow Boundary	29-Jul-05	4.3	Data Sensitive	Boundaries
4-093	China Creek 1	Grizzly Bear	Arrow Boundary	15-Feb-07	405	Order (PDF)	Boundaries
4-094	China Creek 2	Grizzly Bear	Arrow Boundary	15-Feb-07	226	Order (PDF)	Boundaries
4-095	Renata Creek	Grizzly Bear	Arrow Boundary	15-Feb-07	579	Order (PDF)	Boundaries
4-096	Upper Granby 1	Grizzly Bear	Arrow Boundary	15-Feb-07	539	Order (PDF)	Boundaries
4-097	Upper Granby 2	Grizzly Bear	Arrow Boundary	15-Feb-07	255	Order (PDF)	Boundaries
4-104	Upper Granby 3	Grizzly Bear	Arrow Boundary	15-Feb-07	152.9	Order (PDF)	Boundaries
4-113	Bear Creek	Western Screech Owl	Arrow Boundary	19-May-11	81	Order (PDF)	Boundaries
8-140	Granby 2	Grizzly Bear	Arrow Boundary	15-Feb-07	588	Order (PDF)	Boundaries
8-373	Arrow Boundary TSA	Grizzly Bear	Arrow Boundary	2-Sep-10	To be Determined	Order (PDF)	Boundaries

Wildlife Habitat Areas - GAR Orders (Kootenay Lake FDU)

WHA Number	WHA Name	Species	Forest District Name	Date Order takes Effect	Total Hectares	Approved Orders / General Wildlife Measures	Approved Boundaries
4-011	Culvert 32	Data Sensitive	Kootenay Lake	29-Jul-05	5.6	Data Sensitive	Boundaries
4-012	McGregor Lake	Data Sensitive	Kootenay Lake	20-Mar-08	2.2	Data Sensitive	Boundaries
4-013	Cory Creek	Data Sensitive	Kootenay Lake	3-May-06	1.7	Data Sensitive	Boundaries
4-014	Jock Creek	Data Sensitive	Kootenay Lake	29-Jul-05	4.9	Data Sensitive	Boundaries
4-015	Twin Bays Creek	Data Sensitive	Kootenay Lake	29-Jul-05	6.4	Data Sensitive	Boundaries
4-016	Powder Creek Falls	Data Sensitive	Kootenay Lake	29-Jul-05	4.7	Data Sensitive	Boundaries
4-017	Murphy Creek	Data Sensitive	Kootenay Lake	29-Jul-05	3	Data Sensitive	Boundaries
4-018	Powder Creek 2	Data Sensitive	Kootenay Lake	3-May-06	7.4	Data Sensitive	Boundaries
4-019	Howser 1 & 2	Data Sensitive	Kootenay Lake	29-Jul-05	5.2	Data Sensitive	Boundaries
4-020	Howser 3	Data Sensitive	Kootenay Lake	29-Jul-05	2.9	Data Sensitive	Boundaries
4-021	Howser 4	Data Sensitive	Kootenay Lake	29-Jul-05	2.9	Data Sensitive	Boundaries
4-022	Duncan 1	Data Sensitive	Kootenay Lake	29-Jul-05	8.7	Data Sensitive	Boundaries
4-023	Duncan 2	Data Sensitive	Kootenay Lake	29-Jul-05	5.4	Data Sensitive	Boundaries
4-024	Duncan 3	Data Sensitive	Kootenay Lake	29-Jul-05	3.2	Data Sensitive	Boundaries
4-025	Duncan 4	Data Sensitive	Kootenay Lake	29-Jul-05	1.6	Data Sensitive	Boundaries

4-026	Fletcher Creek	Data Sensitive	Kootenay Lake	29-Jul-05	3.5	Data Sensitive	Boundaries
4-027	Sanca 1	Data Sensitive	Kootenay Lake	29-Jul-05	5.2	Data Sensitive	Boundaries
4-028	Sanca 2	Data Sensitive	Kootenay Lake	29-Jul-05	4.9	Data Sensitive	Boundaries
4-029	Akokli 2	Data Sensitive	Kootenay Lake	3-May-06	7.1	Data Sensitive	Boundaries
4-030	Powder Creek 3	Data Sensitive	Kootenay Lake	3-May-06	2.9	Data Sensitive	Boundaries
4-031	Sanca 6a	Data Sensitive	Kootenay Lake	3-May-06	3.8	Data Sensitive	Boundaries
4-033	Moyie	Data Sensitive	Kootenay Lake	3-May-06	8.7	Data Sensitive	Boundaries
4-064	Screw Creek	Rocky Mountain Tailed Frog	Kootenay Lake	29-Jul-05	8.3	Order (PDF)	Boundaries
4-098	Little Moyie	Western Screech Owl	Kootenay Lake	28-Jun-06	71.4	Order (PDF)	Boundaries
4-105	Culvert 31	Data Sensitive	Kootenay Lake	20-Mar-08	2.2	Data Sensitive	Boundaries
4-107	West Yahk River	Badger	Kootenay Lake	9-Apr-09	4	Order (PDF)	Boundaries
4-180	Yahk	Grizzly Bear	Kootenay Lake	19-May-11	To be Determined	Order (PDF)	Boundaries

Wildlife Habitat Areas - GAR Orders (Rocky Mountain FDU)

WHA Number	WHA Name	Species	Forest District Name	Date Order takes Effect	Total Hectares	Approved Orders / General Wildlife Measures	Approved Boundaries
4-001	Newgate-11/631000/5435900	Lewis's Woodpecker	Rocky Mountain	FPC Grandparented	29.7	Order 1 (PDF) Order 2 (PDF)	Boundaries
4-002	Findley Burn - 11/580100/5558100	Lewis's Woodpecker	Rocky Mountain	FPC Grandparented	20.4	Order (PDF)	Boundaries
4-044	Perry Creek	Data Sensitive	Rocky Mountain	18-Aug-06	23	Data Sensitive	Boundaries
4-045	Mark Creek	Data Sensitive	Rocky Mountain	18-Aug-06	17	Data Sensitive	Boundaries
4-046	Leslie 1	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	29.8	Order (PDF)	Boundaries
4-047	Leslie 2	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	32.6	Order (PDF)	Boundaries
4-048	Big Horn	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	22.3	Order (PDF)	Boundaries
4-049	Storm	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	117.8	Order (PDF)	Boundaries
4-050	Little Cabin	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	12	Order (PDF)	Boundaries
4-051	Cabin	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	151	Order (PDF)	Boundaries
4-052	Burnham	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	140.5	Order (PDF)	Boundaries
4-053	Couldrey Trib	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	23.7	Order (PDF)	Boundaries
4-054	American Couldrey	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	29.3	Order (PDF)	Boundaries
4-055	Upper Couldrey	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	54.2	Order (PDF)	Boundaries
4-056	Upper Yak	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	198	Order (PDF)	Boundaries
4-057	Norge	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	91.7	Order (PDF)	Boundaries
4-058	Malpass	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	100.3	Order (PDF)	Boundaries
4-059	Canyon Creek	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	27.7	Order (PDF)	Boundaries
4-060	Sprucetree Creek	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	102.8	Order (PDF)	Boundaries
4-061	Noname	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	31.5	Order (PDF)	Boundaries
4-062	Cedartree Creek	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	35.6	Order (PDF)	Boundaries
4-063	Boyd Creek	Rocky Mountain Tailed Frog	Rocky Mountain	29-Jul-05	29.2	Order (PDF)	Boundaries
4-065	River	Long-billed Curlew	Rocky Mountain	1-Dec-05	67.8	Order (PDF)	Boundaries
4-066	Plot 1	Long-billed Curlew	Rocky Mountain	1-Dec-05	55.4	Order (PDF)	Boundaries
4-067	Foster 1	Long-billed Curlew	Rocky Mountain	1-Dec-05	95.1	Order (PDF)	Boundaries
4-068	Reed 1	Long-billed Curlew	Rocky Mountain	1-Dec-05	40.3	Order (PDF)	Boundaries
4-069	Dog Head 1	Long-billed Curlew	Rocky Mountain	1-Dec-05	22.2	Order (PDF)	Boundaries

4-070	Wolf Creek 1	Long-billed Curlew	Rocky Mountain	15-Sep-05	58.9	Order (PDF)	Boundaries
4-071	Bummers 1	Long-billed Curlew	Rocky Mountain	15-Sep-05	53.1	Order (PDF)	Boundaries
4-072	Wardner 1	Long-billed Curlew	Rocky Mountain	15-Sep-05	206.4	Order (PDF)	Boundaries
4-073	Kerr Road 1	Long-billed Curlew	Rocky Mountain	15-Sep-05	129.9	Order (PDF)	Boundaries
4-074	Cutts 1	Long-billed Curlew	Rocky Mountain	15-Sep-05	45.7	Order (PDF)	Boundaries
4-075	Bagley's 1	Long-billed Curlew	Rocky Mountain	15-Sep-05	145.3	Order (PDF)	Boundaries
4-077	Lazy Lake North	Flammulated owl	Rocky Mountain	29-Jul-05	28	Order (PDF)	Boundaries
4-078	Lazy Lake South	Flammulated owl	Rocky Mountain	29-Jul-05	15.6	Order (PDF)	Boundaries
4-079	Mause Creek North	Flammulated owl	Rocky Mountain	29-Jul-05	29.9	Order (PDF)	Boundaries
4-080	Mause Creek South	Flammulated owl	Rocky Mountain	29-Jul-05	23.1	Order (PDF)	Boundaries
4-081	White Swan 1	Flammulated owl	Rocky Mountain	29-Jul-05	29	Order (PDF)	Boundaries
4-082	White Swan 2	Flammulated owl	Rocky Mountain	29-Jul-05	30	Order (PDF)	Boundaries
4-083	White Swan 3	Flammulated owl	Rocky Mountain	29-Jul-05	26.5	Order (PDF)	Boundaries
4-084	Mount Swansea North	Flammulated owl	Rocky Mountain	29-Jul-05	38.1	Order (PDF)	Boundaries
4-085	Mount Swansea South	Flammulated owl	Rocky Mountain	29-Jul-05	13	Order (PDF)	Boundaries
4-086	Cutts Road	Lewis's Woodpecker	Rocky Mountain	29-Jul-05	79.5	Order (PDF)	Boundaries
4-087	Ash Fire	Lewis's Woodpecker	Rocky Mountain	18-Dec-06	22.3	Order (PDF)	Boundaries
4-088	Tata Cr Airport North	Badger	Rocky Mountain	18-Dec-06	235.8	Order (PDF)	Boundaries
4-089	Lost Dog South	Badger	Rocky Mountain	18-Dec-06	145.4	Order (PDF)	Boundaries
4-090	Tata Cr Airport South	Badger	Rocky Mountain	18-Dec-06	225.3	Order (PDF)	Boundaries
4-091	McGinty Lake	Badger	Rocky Mountain	18-Dec-06	111.6	Order (PDF)	Boundaries
4-092	North Kikomun Creek	Badger	Rocky Mountain	18-Dec-06	26.6	Order (PDF)	Boundaries
4-099	Lakit Creek	Flammulated owl	Rocky Mountain	15-Feb-07	26	Order (PDF)	Boundaries
4-100	Lewis Ridge	Flammulated owl	Rocky Mountain	15-Feb-07	22.7	Order (PDF)	Boundaries
4-101	Rocks Pasture	Flammulated owl	Rocky Mountain	15-Feb-07	39.3	Order (PDF)	Boundaries
4-102	Fir Mountain	Badger	Rocky Mountain	18-Dec-06	59	Order (PDF)	Boundaries
4-103	Johnson Lake	Badger	Rocky Mountain	18-Dec-06	9.4	Order (PDF)	Boundaries
4-106	Sheep Creek	Badger	Rocky Mountain	9-Apr-09	37	Order (PDF)	Boundaries
4-108	Kimberly Nature Park	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	6-Nov-08	72.8	Order (PDF)	Boundaries
4-109	Little Sand Creek	Data Sensitive	Rocky Mountain	27-May-10	82	Data Sensitive	Boundaries
4-110	Border	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	35	Order (PDF)	Boundaries

4-112	Gold Creek	Data Sensitive	Rocky Mountain	27-May-10	76	Data Sensitive	Boundaries
4-114	Gold Creek West	Western Screech Owl	Rocky Mountain	19-May-11	62.4	Order (PDF)	Boundaries
4-115	Gold Creek East	Western Screech Owl	Rocky Mountain	19-May-11	62.6	Order (PDF)	Boundaries
4-116	Grasmere	Antelope-Brush/Bluebunch Wheatgrass	Rocky Mountain	7-Jul-11	32	Order (PDF)	Boundaries
4-117	Torrent Road	Antelope-Brush/Bluebunch Wheatgrass	Rocky Mountain	7-Jul-11	98	Order (PDF)	Boundaries
4-118	Gold Face	Douglas-fir/Snowberry/Balsamroot	Rocky Mountain	7-Jul-11	203	Order (PDF)	Boundaries
4-119	Rocks Pasture	Antelope-Brush/Bluebunch Wheatgrass	Rocky Mountain	7-Jul-11	40	Order (PDF)	Boundaries
4-120	Newgate	Douglas-fir/Snowberry/Balsamroot	Rocky Mountain	7-Jul-11	21	Order (PDF)	Boundaries
4-127	Lower Sink Creek	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	44	Order (PDF)	Boundaries
4-128	Sink Creek North	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	53	Order (PDF)	Boundaries
4-129	Gorry Road East	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	43	Order (PDF)	Boundaries
4-136	Gorry Road North	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	40	Order (PDF)	Boundaries
4-137	Gorry Road West	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	41	Order (PDF)	Boundaries
4-138	Englishman Creek	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	37	Order (PDF)	Boundaries
4-139	Plumbob	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	35	Order (PDF)	Boundaries
4-141	Kiakho South	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	30	Order (PDF)	Boundaries
4-142	Kiakho	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	53	Order (PDF)	Boundaries
4-143	Kiakho North	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	55	Order (PDF)	Boundaries
4-144	New Lake	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	7-Jul-11	40	Order (PDF)	Boundaries
4-145	Norbury Creek	Western Screech Owl	Rocky Mountain	29-Nov-13	30.1	Order (PDF)	Boundaries
4-151	Elk Lakes1	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	31	Order (PDF)	Boundaries

4-152	Upper Elk River1	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	20	Order (PDF)	Boundaries
4-153	Upper Elk River2	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	5	Order (PDF)	Boundaries
4-154	Upper Elk River3	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	6	Order (PDF)	Boundaries
4-155	Upper Elk River4	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	5	Order (PDF)	Boundaries
4-156	Upper Elk River5	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	9	Order (PDF)	Boundaries
4-157	Upper Elk River6	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	7	Order (PDF)	Boundaries
4-158	Upper Elk River7	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	8	Order (PDF)	Boundaries
4-159	Elk River - Cultus1	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	17	Order (PDF)	Boundaries
4-160	Elk River - Cultus2	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	23	Order (PDF)	Boundaries
4-161	Elk River - Cultus3	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	10	Order (PDF)	Boundaries
4-162	Elk River - Cultus4	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	34	Order (PDF)	Boundaries
4-163	Elk River - Cultus5	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	3	Order (PDF)	Boundaries
4-164	Elk River - Cultus6	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	13	Order (PDF)	Boundaries
4-165	Elk River - Cultus7	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	6	Order (PDF)	Boundaries
4-166	Lower Elk River1	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	14	Order (PDF)	Boundaries
4-167	Lower Elk River2	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	3	Order (PDF)	Boundaries
4-168	Lower Elk River3	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	3	Order (PDF)	Boundaries
4-169	Lower Elk River4	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	3	Order (PDF)	Boundaries
4-170	Lower Elk River5	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	3	Order (PDF)	Boundaries
4-177	Elk Lakes2	Gillette's Checkerspot	Rocky Mountain	7-Jul-11	6	Order (PDF)	Boundaries
4-178	Gold Creek NW	Western Screech Owl	Rocky Mountain	29-Nov-13	71.7	Order (PDF)	Boundaries
4-179	Gold Creek	Western Screech Owl	Rocky Mountain	29-Nov-13	91.8	Order (PDF)	Boundaries
4-181	Caven 1	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	43.3	Order (PDF)	Boundaries
4-182	Caven 2	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	32.8	Order (PDF)	Boundaries
4-183	Caven Junction	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	69.4	Order (PDF)	Boundaries
4-184	Chain Lakes 1	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	47.8	Order (PDF)	Boundaries
4-185	Chain Lakes 2	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	49.5	Order (PDF)	Boundaries
4-186	Gold Mtn	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	38.4	Order (PDF)	Boundaries
4-187	Gory/Link 1	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	40.9	Order (PDF)	Boundaries

4-188	Gory/Link 2	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	46.6	Order (PDF)	Boundaries
4-189	Ha Ha Creek	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	43	Order (PDF)	Boundaries
4-190	Kiahko 1	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	65.8	Order (PDF)	Boundaries
4-191	Kiahko 2	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	50	Order (PDF)	Boundaries
4-192	McGinty Lake	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	38.7	Order (PDF)	Boundaries
4-193	Meadow Creek North	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	85.4	Order (PDF)	Boundaries
4-194	N. Baker Mtn	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	39.1	Order (PDF)	Boundaries
4-195	Pickering Hills	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	48.9	Order (PDF)	Boundaries
4-196	Plumbob Burn 1	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	33.2	Order (PDF)	Boundaries
4-197	Plumbob Burn 2	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	27.7	Order (PDF)	Boundaries
4-198	Southstar 1	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	47.7	Order (PDF)	Boundaries
4-199	Southstar 2	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	42.3	Order (PDF)	Boundaries
4-200	West Peavine	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	38.3	Order (PDF)	Boundaries
4-201	Bloom Creek	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	35.8	Order (PDF)	Boundaries
4-202	Meadow Creek South	Williamson's Sapsucker, nataliae subspecies	Rocky Mountain	2-Jun-14	53.2	Order (PDF)	Boundaries
4-217	Squaw Creek	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	7.6	Order (PDF)	Boundaries
4-218	Townsite	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	43.6	Order (PDF)	Boundaries
4-219	Howell 1	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	3.6	Order (PDF)	Boundaries
4-220	Sage 1	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	8.3	Order (PDF)	Boundaries
4-221	Nettie 1	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	4.6	Order (PDF)	Boundaries
4-222	Nettie 2	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	15.8	Order (PDF)	Boundaries
4-223	Nettie 3	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	13.9	Order (PDF)	Boundaries

4-224	Sage 2	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	2	Order (PDF)	Boundaries
4-225	Nettie 4	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	42.7	Order (PDF)	Boundaries
4-226	Nettie 5	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	70.6	Order (PDF)	Boundaries
4-227	Nettie 6	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	35.2	Order (PDF)	Boundaries
4-228	Elder 1	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	28.2	Order (PDF)	Boundaries
4-229	Sage 3	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	3.6	Order (PDF)	Boundaries
4-230	Elder 2	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	4.7	Order (PDF)	Boundaries
4-231	Elder 3	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	1.5	Order (PDF)	Boundaries
4-232	Kishinena 1	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	96.7	Order (PDF)	Boundaries
4-234	Kishinena 2	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	11.3	Order (PDF)	Boundaries
4-235	Kishinena 3	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	11.3	Order (PDF)	Boundaries
4-236	Howell 2	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	5.2	Order (PDF)	Boundaries
4-237	Elder 4	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	39.3	Order (PDF)	Boundaries
4-238	Shepp 1	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	1.7	Order (PDF)	Boundaries
4-239	Shepp 2	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	3.6	Order (PDF)	Boundaries
4-240	McLatchie 1	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	34.3	Order (PDF)	Boundaries
4-241	McLatchie 2	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	3.1	Order (PDF)	Boundaries
4-242	McLatchie 3	Gillette's Checkerspot	Rocky Mountain	5-Dec-14	2.2	Order (PDF)	Boundaries
4-243	Kishinena 1	Western Screech Owl	Rocky Mountain	5-Dec-14	134.4	Order (PDF)	Boundaries
4-244	Kishinena 2	Western Screech Owl	Rocky Mountain	5-Dec-14	149.9	Order (PDF)	Boundaries
4-245	Kishinena 3	Western Screech Owl	Rocky Mountain	5-Dec-14	128.4	Order (PDF)	Boundaries
4-246	Sage 1	Western Screech Owl	Rocky Mountain	5-Dec-14	122.5	Order (PDF)	Boundaries
4-247	Sage 2	Western Screech Owl	Rocky Mountain	5-Dec-14	141	Order (PDF)	Boundaries
4-248	Sage 3	Western Screech Owl	Rocky Mountain	5-Dec-14	103.6	Order (PDF)	Boundaries
4-249	Proctor Lake	Western Screech Owl	Rocky Mountain	5-Dec-14	109.7	Order (PDF)	Boundaries
4-250	Sage 4	Western Screech Owl	Rocky Mountain	5-Dec-14	71.6	Order (PDF)	Boundaries
4-251	Sage 5	Western Screech Owl	Rocky Mountain	5-Dec-14	123.2	Order (PDF)	Boundaries
4-252	Sage 6	Western Screech Owl	Rocky Mountain	5-Dec-14	141.4	Order (PDF)	Boundaries
4-253	Sage 7	Western Screech Owl	Rocky Mountain	5-Dec-14	163.2	Order (PDF)	Boundaries
4-254	Flathead 1	Western Screech Owl	Rocky Mountain	5-Dec-14	154.4	Order (PDF)	Boundaries
4-255	Flathead 2	Western Screech Owl	Rocky Mountain	5-Dec-14	177.9	Order (PDF)	Boundaries
4-256	Flathead 3	Western Screech Owl	Rocky Mountain	5-Dec-14	161.3	Order (PDF)	Boundaries
4-257	Couldrey 1	Western Screech Owl	Rocky Mountain	5-Dec-14	81.9	Order (PDF)	Boundaries
4-258	Couldrey 2	Western Screech Owl	Rocky Mountain	5-Dec-14	98.1	Order (PDF)	Boundaries
4-259	Flathead 4	Western Screech Owl	Rocky Mountain	5-Dec-14	144.3	Order (PDF)	Boundaries
4-260	Flathead 5	Western Screech Owl	Rocky Mountain	5-Dec-14	198.3	Order (PDF)	Boundaries

4-261	Flathead 6	Western Screech Owl	Rocky Mountain	5-Dec-14	163	Order (PDF)	Boundaries
4-262	Cabin Creek	Western Screech Owl	Rocky Mountain	5-Dec-14	126.2	Order (PDF)	Boundaries
4-263	Flathead 7	Western Screech Owl	Rocky Mountain	5-Dec-14	163.8	Order (PDF)	Boundaries
4-264	Flathead 8	Western Screech Owl	Rocky Mountain	5-Dec-14	163.8	Order (PDF)	Boundaries
4-265	Flathead 9	Western Screech Owl	Rocky Mountain	5-Dec-14	180.5	Order (PDF)	Boundaries
4-266	Flathead 10	Western Screech Owl	Rocky Mountain	5-Dec-14	109	Order (PDF)	Boundaries
4-267	Flathead 11	Western Screech Owl	Rocky Mountain	5-Dec-14	195.7	Order (PDF)	Boundaries
4-268	Flathead 12	Western Screech Owl	Rocky Mountain	5-Dec-14	123.4	Order (PDF)	Boundaries
4-269	Flathead 13	Western Screech Owl	Rocky Mountain	5-Dec-14	185.1	Order (PDF)	Boundaries
4-270	Flathead 14	Western Screech Owl	Rocky Mountain	5-Dec-14	213.2	Order (PDF)	Boundaries
4-271	Middlepass Creek	Western Screech Owl	Rocky Mountain	5-Dec-14	108.1	Order (PDF)	Boundaries
4-272	Pollock Creek	Western Screech Owl	Rocky Mountain	5-Dec-14	127.8	Order (PDF)	Boundaries
4-273	Flathead 15	Western Screech Owl	Rocky Mountain	5-Dec-14	136.2	Order (PDF)	Boundaries
4-274	NCC	Western Screech Owl	Rocky Mountain	5-Dec-14	124.1	Order (PDF)	Boundaries
4-275	Wigwam 1	Western Screech Owl	Rocky Mountain	5-Dec-14	110.2	Order (PDF)	Boundaries
4-276	Wigwam 2	Western Screech Owl	Rocky Mountain	5-Dec-14	82.8	Order (PDF)	Boundaries

Fisheries Sensitive Watersheds - GAR Orders (Rocky Mountain FDU)

FSW ID	Watershed	Forest District Name	Date Order takes Effect	Approved Order	Approved Boundaries
F-4-001	Palliser River	Rocky Mountain	28-Dec-05	Order (PDF)	Boundaries