

WOODLOT LICENCE # 1764

WOODLOT LICENCE PLAN

2026 to 2036

P.O. Box 879

Burns Lake, BC V0J 1E0

Email: [Enter Email Address]

Phone:[Enter Phone No.] Fax: [Enter Fax No.]

Authorized Licensee Signature:

Duane Crouse

Print Name

Signature

[Enter Date]

Date

DISCLAIMER

This disclaimer forms part of the Woodlot Licence Plan (WLP) for Woodlot Licence # 1764 and advises that:

- The decision to operate under one or more of the Practice Requirements provided in the Woodlot Licence Planning and Practices Regulation (WLPPR) is the sole responsibility of the woodlot licence holder.
- This disclaimer is signed on the explicit understanding that abiding by the Practice Requirements stated in Parts 3 and 4 of the WLPPR meets the expectations of government with respect to the management of woodlot licences;
- The undersigned Registered Professional Forester has been retained with respect to the practice of professional forestry as it pertains to alternative performance requirements, results, strategies, standards and measures presented in this WLP.

Signed: _____

Name (Print) Gary Gallinger

RPF # 2031

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Seal:

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I. WOODLOT LICENCE PLAN (WLP) REQUIRED CONTENT

PLAN AREA

- This plan covers the entire Woodlot Licence area.
- This plan covers the Schedule B portion of the Woodlot Licence 1764 (WL 1764). See Appendix 1.

MAP AND INFORMATION

Information Item	Map	Text	N/A
Forest cover	X		
Topography (unless exempted by DM)	X		
Location and riparian class of streams, wetlands and lakes as shown on gov't endorsed forest cover maps, terrain resource inventory maps, & fish & fish habitat inventory maps	X		
Identification of fish streams on gov't endorsed maps	X		
Biogeoclimatic zones and subzones (unless exempted by DM)	X	X	
Public utilities (transmission lines, gas & oil pipelines, and railways)	X		
Special Situations that may not Apply to the WL area			X
Resource Management Zones, Landscape Units or Sensitive Areas	X	X	
Wildlife Habitat Areas (unless exempted by DM)	X	X	
Scenic Areas	X	X	
Ungulate Winter Ranges	X	X	
Community Watersheds	X	X	
Fisheries Sensitive Watersheds	X	X	
Community and domestic water supply intakes that are licensed under the Water Act and any related water supply infrastructures	X	X	
Contiguous areas of sensitive soils	X	X	
Existing roads	X		
Temporary or permanent barricades to restrict vehicle access	X	X	
Private property within or adjacent to the woodlot licence area	X	X	
Resource features other than wildlife habitat features and archaeological sites (unless the location of the resource feature is not to be disclosed)	X	X	

BIOGEOCLIMATIC ZONES AND SUBZONES

The entire woodlot licence area is in the SBSmc2 biogeoclimatic subzone.

RESOURCE MANAGEMENT ZONES, LANDSCAPE UNITS OR SENSITIVE AREAS

The Crown land portion of the WL 1764 is within 2 landscape units. The majority is in the Granisle unit with a small area in the SW corner in the Fulton Landscape Unit.

This WLP is consistent with the following objectives set by government:

- Morice LRMP

COMMUNITY RECREATION AREAS (MORICE LRMP S. 4.2.10)

In accordance with the Morice LRMP s. 4.2.10, two "Community Recreation Areas" overlap with WL 1764: Houston Community Recreation Area and Granisle Community Recreation Area.

WL 1764 will be managed with priority given to a variety of high value recreational opportunities, while allowing for integrated resource management.

Risk/Ratings

- Incidence of winter motorized recreation in areas designated for nonmotorized use = ZERO.
- Incidence of summer motorized recreation in areas designated for nonmotorized use = ZERO
- Incidence of human activities negatively impacting recreational values = ZERO

WILDLIFE HABITAT AREAS

There are no WHAs located in whole or in part within the WLP area.

SCENIC AREAS

Due to its proximity to Babine Lake, portions of the plan area are within established Visual Quality Objectives (VQOs) retention and partial retention. They are identified on the map in Appendix 1.

UNGULATE WINTER RANGES

There are no Ungulate Winter Ranges located in whole or in part within the WLP area.

COMMUNITY WATERSHEDS

There are no Community Watersheds located in whole or in part within the WLP area.

FISHERIES SENSITIVE WATERSHEDS

There are no Fisheries Sensitive Watersheds located in whole or in part within the WLP area.

COMMUNITY AND DOMESTIC WATER SUPPLY INTAKES THAT ARE LICENSED UNDER THE WATER SUSTAINABILITY ACT AND ANY RELATED WATER SUPPLY INFRASTRUCTURES

There are no community or domestic water supply intakes or related water supply infrastructures within the WLP area or nearby that could be affected by operations carried out under this plan.

CONTIGUOUS AREAS OF SENSITIVE SOILS

The location(s) of contiguous areas of sensitive soils are identified on the map in Appendix 1. There is an area of potentially unstable terrain, where conventional harvesting will be avoided. This is the area with slopes over 60% and has been identified as potential Mountain Goat Habitat under the Morice LRMP.

TEMPORARY OR PERMANENT BARRICADES THAT RESTRICT VEHICLE ACCESS

At the time of preparing this woodlot licence plan there were no permanent or temporary barricades on the WLP area to restrict vehicle access.

PRIVATE PROPERTY WITHIN OR ADJACENT TO THE WLP AREA

The location and boundaries of private land within or adjacent to the WLP area are identified on the map in Appendix 1.

There is no Private Property within or adjacent to the Schedule B portion of WL 1764.

RESOURCE FEATURES OTHER THAN WILDLIFE HABITAT FEATURES AND OTHER FEATURES WHERE THE LOCATION MUST NOT BE DISCLOSED

At the time of preparing this woodlot licence plan, there were no resource features within the WLP that were established under the Government Actions Regulation or Forest Practices Code of BC Act regulation and made known by the district manager.

AREAS WHERE TIMBER HARVESTING WILL BE AVOIDED OR MODIFIED

Areas where timber harvesting will be AVOIDED:

Timber harvesting will be avoided on the following areas:

- A small area near the southwest corner of the plan area contains steep, potentially unstable terrain where timber harvesting will be avoided. This area has also been identified as potential Mountain Goat habitat.

Areas where timber harvesting will be MODIFIED:

The following areas will be subject to modified timber harvesting as described below.

Harvesting practices will be designed to mitigate impact on non-timber values, riparian values, potential habitat values, soil and enhance reforestation success. Harvesting will also be modified in compliance with the established VQOs.

RETENTION OF TREES IN A RIPARIAN MANAGEMENT ZONE

Unless exempted or as provided for under WLPPR section 40, the woodlot licence holder will retain the following post-harvest stand structure in riparian management zones:

Description of Post-Harvest Stand Structure to be Retained in Riparian Management Zones	
All deciduous species will be retained, all non merchantable coniferous stems, all stems under merchantable size to be retained wherever possible, retain all high value wildlife trees wherever possible	
Trees to be Retained	Species: Trembling Aspen, Black Cottonwood, Paper Birch
	Characteristics: Live or dead unless identified as danger trees
	Range of Residual Trees/ha: 50 to 200

Unless exempted or as provided for under WLPPR section 40, the percentage of the total basal area within the riparian management zone specified in the following table will be left as standing trees at the completion of harvesting. The woodlot licence holder will ensure that the trees required to be left standing are reasonably representative of the spatial distribution and various sizes of trees in the riparian management zone, as it was before harvesting.

Riparian Class	Basal Area to be Retained Within RMZ (%)
S1-A or S1-B stream	≥20
S2 stream	≥20
S3 stream	≥20
S4 stream	≥10
S5 stream	≥10
S6 stream	≥ 5
All classes of wetlands or lakes	≥10

CONSERVING AND PROTECTING CULTURAL HERITAGE RESOURCES

The following strategy is proposed to conserve and protect cultural heritage resources that are the focus of a traditional use by an aboriginal people and of continuing importance to them. This strategy applies to cultural heritage resources that are not protected under the Heritage Conservation Act. The woodlot licence holder is committed to carrying out forest practices at a time and in a manner that is unlikely to damage or harmfully alter cultural heritage resources.

The woodlot licence holder shall:

- Consider the LBN BMPs for guidance and where appropriate.
- Prior to Harvesting or Road building the woodlot licence holder shall conduct a CHR evaluation within Cutting Permits (CPs) or Road Permits (RPs) that:
 - Are within the high potential zone for a CHR or Culturally Modified Tree (CMT). A high potential zone is determined by referencing the Lakes Archaeological Resource Project or equivalent database and Archaeological Overview Assessments (AOA),
 - Has had Cultural Resource Features or potential Cultural Resource Features identified in the past,
 - Have been identified to the woodlot licence holder as an area of continued importance.
- Have a CHR evaluation completed by a qualified individual. The age and location of any features shall be recorded.
- Annually by April 30 in the event a CHR or CMT is identified, a copy of all CHR evaluations shall be provided to the Ministry of Forests (MoF).
- Provide annually by April 30 in the event a CHR or CMT is identified, a copy of the CHR evaluation to the First Nation whose Traditional Territory encompasses the area where the CHR or CMT was identified.
- In the event CHRs or CMTs are identified, all road and cutblock development shall be consistent with the recommendations made within the CHR evaluation.

WILDLIFE TREE RETENTION STRATEGY

The proportion of the woodlot licence area occupied for wildlife tree retention purposes is defined in the Performance Requirements section of this WLP, and consideration of the LBN BMPs will be taken for guidance and where appropriate.

The proportion of the woodlot licence area occupied by wildlife trees will be achieved through:

- Dispersed retention (Individual wildlife trees or small clumps of trees within a cutblock area)
- Patch retention (intact areas of forest)

Trees that pose a safety hazard or are damaged by insects or disease and pose a forest health risk to adjacent trees or forests may not be retained either as an individual wildlife tree, in a patch or in an area where harvesting will be avoided or modified.

DISPERSED RETENTION

(a) Species and Characteristics:

- Species:

All coniferous and deciduous species found within the license area will be eligible for retention as wildlife trees.

- Characteristics:

To the extent practicable, trees that exhibit one or more of the following attributes will be retained.

- internal decay, heart rot or cavities;
- crevices, cracks or loose bark that is suitable for wildlife;
- large brooms;
- active or recent wildlife use;
- suitable for wildlife use including a large nest, a hunting perch or a bear den;
- a veteran tree; i.e. one of the largest trees on site as determined by height or diameter;
- important as habitat for species at risk and/or local wildlife

(b) Conditions Under Which Individual Wildlife Trees May Be Removed:

Individual wildlife trees may, subject to the proper authorization being in place, be removed if they are:

- a safety hazard;
- a fire hazard,
- diseased or infested with insects which threaten the health of adjacent trees, or
- obstructing access or operations.

(c) Replacement of Individual Wildlife Trees:

An individual wildlife tree that is removed will be replaced with another tree with acceptable attributes as described in section (a) “Species and Characteristics”. Replacement will occur within 12 months after the removal and will be recorded and tracked within the Site Plan or a suitable wildlife tree tracking summary.

PATCH RETENTION

(a) Forest Cover Attributes:

Wildlife tree patches will consist of forests comprised of species that are representative of the pre-harvest stand and a significant proportion of the trees will exhibit one or more of the individual wildlife tree attributes listed in the previous section. Trees that pose a safety hazard or are infested with insects or infected with a pathogen that could threaten adjacent trees or forests, will not be retained.

Areas where harvesting will be avoided or modified will contribute to the WTR performance requirement regardless of forest cover attributes.

The woodlot licence holder will attempt to anchor Wildlife tree patches to features such as riparian management areas, relatively rare biogeoclimatic site series, and other areas where harvesting constraints provide the best long-term potential for stands to develop wildlife tree attributes associated with advanced age. The woodlot licence holder may also elect to select root disease centers on WL 1764 if identified during site and harvest planning to provide a continuing supply of dead and dying trees, coarse woody debris and biodiversity associated with stand openings.

(b) Conditions Under Which Trees May Be Removed from Wildlife Tree Retention Areas:

Wildlife trees patches and/or individual wildlife trees in WTR areas may be removed if they are:

- A safety hazard;
- Infested with insects or pathogens which threaten the health of adjacent trees; and/or
- Wind thrown or damaged to the extent that the identified wildlife objectives cannot be met.
- If they become an obstacle or impediment to access or operations.

(c) Replacement of Trees Removed from Wildlife Tree Retention Patches:

The woodlot owner will ensure that the proportion of the woodlot licence area occupied for wildlife tree retention that is defined in the Performance Requirements section of this WLP will be maintained over time. Replacement of WTR areas will be designated prior to harvest of the original patches and will be recorded in the Site plan, RESULTS or other supporting documents. The woodlot owner will replace the portion of the WTR area from which the timber is being harvested with one or more WTR areas that provide an equivalent area, number of trees or habitat.

The practice requirements for the retention of trees in areas where harvesting will be avoided or modified apply.

MEASURES TO PREVENT THE INTRODUCTION OR SPREAD OF INVASIVE PLANTS

The woodlot licence holder commits to carrying out the following measures to prevent the introduction or spread of invasive plants listed in the Invasive Plant Regulation that is likely the result of the woodlot licence holder's forest practices:

- To the extent possible, not park or stage equipment or vehicles, or sort logs on large concentrations or infestations of invasive plants;
- To the extent practicable, begin work in un-infested areas before moving to infested areas;
- Inspect and remove invasive plant parts or propagules from clothing and vehicle/equipment undercarriages if working in an area known to contain prescribed invasive plants; and/or
- As soon as practicable or within one year following the completion of operations, all newly constructed roads, landings, pits, and quarries that are greater than 0.25 hectare and have exposed mineral soil that will support vegetation will be seeded at an industry acceptable rate using Canada Common #1 Forage Mixture as defined by the Seed Act.

MEASURES REGARDING NATURAL RANGE BARRIERS

The woodlot licence holder is committed to carrying out the following measures if the woodlot licence holder's forest practices remove or render ineffective a natural range barrier that was identified by a range tenure holder who is authorized to graze livestock on the woodlot licence area or by the ministry Agrologist:

- erecting short drift fences or other appropriate barriers,
- installing cattle guards or replacement barriers on newly constructed roads, or
- carrying out other activities that will limit the movement of cattle.

Measures will be implemented to a standard that will reduce the likelihood of livestock movement across what was identified as the natural range barrier. The woodlot licence holder is not responsible for on-going maintenance of the replacement barrier.

STOCKING INFORMATION FOR SPECIFIED AREAS

The stocking standards indicated below apply to areas where the establishment of a free growing stand is not required and harvesting is limited to commercial thinning, removal of individual trees, or a similar type of intermediate cutting, and for harvesting special forest products, i.e. for the purposes of WLPPR sections 12 & 34(3).

The Uneven-aged Stocking standards for single-tree selection as found in the ministry publication "Reference Guide for FDP Stocking Standards" are adopted.

PRACTICE REQUIREMENTS

ALTERNATIVE PERFORMANCE REQUIREMENTS

Soil Disturbance Limits

WLPPR section 24(1)(b)

- 8% of net area to be reforested.

Permanent Access Structures

WLPPR section 25

- The maximum area occupied by permanent access structures is:
 - For Cutblocks ≥ 5 ha: 7% of the total cutblock area.
 - For Cutblocks < 5 ha: 10% of the total cutblock area.
 - For the WL Area: 7% of the total Woodlot Licence area.

Stocking Standards

WLPPR section 35(1)(b)

- The stocking standards, regeneration dates and free growing dates described in the ministry publication "Reference Guide for Forest Development Plan Stocking Standards," as amended from time to time, that are in place on the commencement date for the area.

Width of Stream Riparian Areas

WLPPR section 36(4)(b)

- The minimum widths of the RRZ, RMZ and RMA are as described in WLPPR section 36(4)(b).
- Stream riparian areas will be managed as per the WLPPR section 36(4)(b) and may use the LBN BMPs as guidance.

Width of Wetland Riparian Areas

WLPPR section 37(3)(b)

- The minimum widths of the RRZ, RMZ and RMA are as described in WLPPR section 37(3)(b).
- Wetland riparian areas will be managed as per the WLPPR section 37(3)(b) and may use the LBN BMPs as guidance.

Width of Lake Riparian Areas

WLPPR section 38(2)(b)

- The minimum widths of the RRZ, RMZ and RMA are as described in WLPPR section 38(2)(b).
- Lake riparian areas will be managed as per the WLPPR section 38(2)(b) and may use the LBN BMPs as guidance.

Restrictions in a Riparian Reserve Zone

WLPPR section 39(1)

- Cutting, modifying or removing trees in a RRZ is limited to the purposes described in WLPPR section 39(1).
- Riparian Reserve Zones will be managed as per the WLPPR section 39(1) and may use the LBN BMPs as guidance.

Restrictions in a Riparian Management Zone

WLPPR section 40(1)(b)(c) or (d)

- The construction of a roads in a riparian management zones will be limited to the conditions described in WLPPR sections 40(1)(b), (c) and (d).
- Riparian Management Zones will be managed as per the WLPPR section 40(1)(b)(c) or (d) and may use the LBN BMPs as guidance.

Wildlife Tree Retention

If not exempted, the proportion of the Woodlot Licence area that will be occupied by wildlife trees will be:

- 8% of the woodlot licence area (WLPPR section 52(1)(c))
- Wildlife Tree Retention will be managed as per the WLPPR section 52(1)(c) and may use the LBN BMPs as guidance.

Coarse Woody Debris

If not exempted, the minimum amount of coarse woody debris that will be left on areas where there is a requirement to establish a free growing stand will be:

WLPPR section 54(1)(b)

- A minimum retention of 4 logs per ha ≥ 2 m in length and ≥ 7.5 cm in diameter at one end.
- Coarse Woody Debris will be managed as per the WLPPR section 54(1)(b) and may use the LBN BMPs as guidance.

Resource Features

If not exempted, the woodlot licensee will:

WLPPR section 56(1)(b)

- Ensure that forest practices do not damage or render ineffective a resource feature.
- Resource Features will be managed as per the WLPPR section 56(1)(b) and may use the LBN BMPs as guidance.

II. APPENDICES

APPENDIX 1: THE WOODLOT LICENCE PLAN MAP

APPENDIX 2: REVIEW AND COMMENT

A) ADVERTISING

[Enter Details]

B) REFERRALS

NAME	ADDRESS	EMAIL	NOTIFICATION – DATE SENT
First Nations			
Lake Babine Nation	Chief and Council PO Box 879 Burns Lake, BC V0J 1E0		Mail – Email –
Yekooche First Nation	Chief and Council 466 – 2 nd Ave. Prince George, BC V2L 2Z7	execdirector@yekooche.com	Mail – Email –
Guide Outfitters			
Jack Hooper	Babine Guide Outfitters Box 3693 Smithers, BC V0J 2N0		Mail –
Trapline Holders			
TR0608T008			
Ann MacDonald	General Delivery Fort Babine B.C. V0J 2N0		Mail –
Daniel MacDonald	General Delivery Fort Babine B.C. V0J 2N0		Mail –
Frank MacDonald	Box 680 Burns Lake, BC V0J 1E0		Mail –
Helen MacDonald	General Delivery Fort Babine B.C. V0J 2N0		Mail –
Jimmy MacDonald	General Delivery Fort Babine B.C. V0J 2N0		Mail –

- No Range Tenures over the woodlot area

C) COPY OF WRITTEN COMMENTS RECEIVED

[Enter Details]

D) REVISIONS MADE BECAUSE OF WRITTEN COMMENTS RECEIVED

[Enter Details]

E) EFFORTS MADE TO MEET WITH FIRST NATIONS

[Enter Details]