

# WOODLOT LICENCE W1899

## WOODLOT LICENCE PLAN


TERM – 10 YEARS

May 1, 2007 to April 31, 2017

Snarpen Contracting Limited  
Post Office Box 68  
Quathiaski Cove, B.C.  
V0P 1N0  
Phone: (250) 285-3548  
E-Mail: [snarpen@telus.net](mailto:snarpen@telus.net)

Authorized Licensee Signature:

Mark Nighswander

  
May 3, 2007

Registered Professional Forester  
Signature:

John Marlow, R.P.F.

  
June 7, 2007  
(Original submission October 13, 2006)



# DISCLAIMER:

Recognizing the special nature of management on a woodlot licence, this disclaimer forms part of the Woodlot Licence Plan (WLP) for Woodlot Licence W1899 and advises that:

- The decision to operate under one or more of the Default Performance Requirements (DPR) provided in the Woodlot Licence Planning and Practices Regulation (WLPPR) is the sole responsibility of the Woodlot Licence holder. This disclaimer is signed under the explicit understanding of information provided by government that, the use and achievement of a DPR meets the expectations of government with respect to the management of woodlot licences.
- The undersigned Registered Professional Forester has been retained to provide advice on the practice of professional forestry with regards to items such as alternative performance requirements that do not have a default performance requirement provided in the Woodlot Licence Planning and Practices Regulation (WLPPR).

Signed: \_\_\_\_\_

Name: John Marlow, R.P.F.

RPF #: 2638

Contact # 250 285-2544



DISCLAIMER:

Recognizing the special nature of management on a woodlot licence, this disclaimer forms part of the Woodlot Licence Plan (WLP) for Woodlot Licence W1899 and advises that:

- The decision to operate under one or more of the Default Performance Requirements (DPR) provided in the Woodlot Licence Planning and Practices Regulation (WLPPR) is the sole responsibility of the Woodlot Licence holder. This disclaimer is signed under the explicit understanding of information provided by government that, the use and achievement of a DPR meets the expectations of government with respect to the management of woodlot licences.
- The undersigned Registered Professional Forester has been retained to provide advice on the practice of professional forestry with regards to items such as alternative performance requirements that do not have a default performance requirement provided in the Woodlot Licence Planning and Practices Regulation (WLPPR).

Signed:\_\_\_\_\_

Name: John Marlow, R.P.F.

RPF #: 2638

Contact # 250 285-2544

## TABLE OF CONTENTS

1	Introduction.....	3
2	Mandatory Content for a Woodlot Licence Plan.....	4
	2.1 Plan Area.....	4
	2.2 Map and Information.....	4
	2.3 Higher Level Plans / Government Objectives.....	4
	2.4 Areas Where Timber Harvesting Will Be Avoided....	4
	2.5 Areas Where Timber Harvesting Will Be ..... Modified	5
	2.6 Protecting and Conserving Cultural Heritage ..... Resources	7
	2.7 Wildlife Tree Retention Strategy.....	7
	2.8 Measures to Prevent Introduction or Spread of ..... Invasive Plants	10
	2.9 Measures to Mitigate Effect of Removing Natural ... Range Barriers	11
	2.10 Stocking Information for Specified Areas.....	11
	2.11 Performance Requirements .....	11
	2.11.1 Soil Disturbance Limits.....	11
	2.11.2 Permanent Access Structures.....	11
	2.11.3 Use of Seed.....	11
	2.11.4 Stocking Standards.....	12
	2.11.5 Width of Stream Riparian Areas.....	12
	2.11.6 Width of Wetland Riparian Areas.....	12
	2.11.7 Width of Lake Riparian Areas.....	12
	2.11.8 Restrictions in a Riparian Reserve Zone.....	12
	2.11.9 Restrictions in a Riparian Management Zone...	12
	2.11.10 Wildlife Tree Retention.....	13
	2.11.11 Coarse Woody Debris.....	13
	2.11.12 Resource Features.....	13
	<b>Appendices</b>	
	A1: 1:150,000 Key Location Map	
	A2: 1:10,000 WLP Maps	
	A3: Categories of Visually Altered Forest Landscape	
	A4: Invasive Plants Regulation	
	A5: Reference Guide for FDP Stocking Standards	
	A6: Record of Advertising	
	A7: Record of Referrals Sent	
	A8: Copy of Written Comments Received	
	A9: Revisions Made as a Result of Comments Received	
	A10: Summary of First Nation Consultation.	
	A11: Exemptions	

## INTRODUCTION

Woodlot Licence W1899, located on the east side of Surge Narrows Road, was awarded to Snarpen Contracting in 1999 with Management Plan approval in December 1999. Forest harvesting began in year 2000.

As a long-time forestry worker with a passion for trees, being awarded a woodlot was a major accomplishment for me. To help acquire the woodlot I purchased 46.5ha of private land that had been largely clear-cut and I then reforested that land. This private land portion of my woodlot is growing well. I find great joy in this and look forward to the newly forming forest. The task of stewardship of 446.5ha of forest in my woodlot is a responsibility I take very seriously and, at the same time, I am eager for the challenge.

Woodlot Licence W1899 has been the source of substantial local employment including my two eldest daughters and after 6 years of operating my woodlot I am more convinced than ever of the value of small scale, long-term commitment forestry to the community, the economy, and the environment.

## **2. Mandatory Content for a Woodlot Licence Plan**

### **2-1 Plan Area**

Woodlot Licence W1899 (WL1899) is located on the north-eastern portion of Quadra Island and consists of both private land (Schedule A Land) and provincial forest (Schedule B Lands). The private land includes District Lot 4 and District Lot 236 and contains 46.5ha. The provincial forest is located on the east side of Surge Narrows Road from the Bold Point Road to the ecotourism lodge at Hoskyn Channel. The Woodlot Licence area is bounded by private land along the south and SE sides and by Village Bay Lakes Provincial Park along the west boundary. The NE boundary of Woodlot Licence W1899 is the Pacific Ocean and other woodlot lands are located to the NW and in the centre of Woodlot Licence W1899.

This Woodlot Licence Plan (WLP) covers the entire area of the woodlot.

All of Woodlot Licence W1899 is located in the Coastal Western Hemlock (CWH) biogeoclimatic zone, and is further stratified as being located in the ‘very dry maritime’ (xm) subzone.

### **2-2 Map and Information**

A 1:150,000 scale ‘Key Location Map’ is provided in Appendix A1, and detailed 1:10000 scale WLP maps are provided in Appendix A2.

### **2-3 Higher Level Plans / Government Objectives**

Woodlot License W1899 falls within the Low Intensity Area (LIA) designation Vancouver Island Land Use Plan (VILUP) and is designated as a Special Management Zone (SMZ). In addition, the ‘Quadra Plan’ as well as the Woodlot Licence W1899 Management Plan guides operations within Woodlot Licence W1899. This WLP is consistent with all higher-level plans.

In addition to these higher level plans, the Campbell River Forest District has established

- ‘Known Scenic Areas’ and ‘Visual Quality Objectives’ for areas included in Woodlot Licence W1899 and,
- Recreation Resource Features (Establishment of Recreation Sites and Trails – general for Quadra Island – no recreation sites or trails designated at WL W1899)

### **2-4 Areas Where Timber Harvesting Will Be Avoided**

Timber harvesting will be avoided within the Riparian Reserve Zone of the RMA. Harvesting will only occur in these areas as permitted by section 39(1) of the WLPPR.

Timber harvesting will also be avoided in 4 distinct areas as outlined in Table 1. In addition, many silviculture systems provide for substantial levels of reserve trees with the duration of retention of these trees ranging from several years to several forest rotations.

Table 1 outlines areas where timber harvesting will be avoided. In total 47.9ha or 12% of Woodlot Licence W1899 is included in a permanent reserve. These reserve areas are indicated on the WLP Maps.

Table 1: Woodlot Licence W1899 Permanent Reserves

<b>Reserve Name</b>	<b>Location</b>	<b>Area</b>
Hoskyn Channel Reserve	NE Woodlot along Hoskyn Channel	24.2ha
Bold Point Reserve	SE Woodlot adjacent to Bold Point community	16.7ha
Gary's Creek Reserve	Along Gary's Creek system.	4.3
Mine Creek Reserve	Along Mine creek and adjacent streams	2.7
Total Reserve		47.9ha

## 2-5 Areas Where Timber Harvesting Will Be Modified

Areas classified as having a Visual Quality Class (MOF Scenic Area Designation – Campbell River Forest District) of Partial Retention (PR), Retention (R), or Preservation (P) are considered to be 'Areas Where Timber Harvesting Will Be Modified' for the purpose of this WLP. Timber harvesting in these areas will be modified for the purpose of visual landscape management. Table 2 outlines areas where timber harvesting will be modified.

Table 2: Areas Where Timber Harvesting Will be Modified

<b>Modified Harvest Area Name</b>	<b>Purpose</b>	<b>Area</b>
Surge Narrows Road	Visual landscape management as viewed from Surge Narrows Road and from Mine Lake	58.0
Hoskyn Channel Shoreline	Visual landscape management as viewed from Hoskyn Channel	83.3ha
Total Modified Harvest Area		141.3ha

In addition to the Modified Harvest Areas outlined in Table 2, harvesting will also be modified in the following areas:

### Riparian Management Areas (RMA's)

All fish-bearing streams with a stream width >1.5m have both a Riparian Reserve Zone (RRZ) and a Riparian Management Zone (RMZ). Fish-bearing streams <1.5m and all non-fish streams have a RMZ only. Harvesting is prohibited in all RRZ other than for special circumstances such as stream crossings. The RMZ for all streams designates areas of riparian influence and these RMZs are often areas of high ecological value. All RMZs will be assessed site specifically and appropriate leave tree strategies will be developed for each situation. Non clear-cut harvesting systems will be utilized at all RMZ's. A minimum of 10 co-dominant trees / hectare will be maintained at all RMZ and the range of retention will be between 10 trees / ha and full retention.

## Visual Landscape Management Areas

These areas are outlined in table 2. All areas designated as “scenic areas” in Woodlot Licence W1899 have recently been assigned a visual quality class of partial retention (PR) or Retention(R). Appendix A3 contains the definitions of the various categories of visually altered landscapes. The definition of PR (Forest Planning and Practices Regulation, Section 1.1) is: 1.1(c) *partial retention*: consisting of an altered forest landscape in which the alteration, when assessed from a significant viewpoint, is (i) easy to see, (ii) small to medium in scale, and (iii) natural in appearance. The definition of Retention is consisting of an altered forest landscape in which the alteration, when assessed from a significant viewpoint, is (i) difficult to see, (ii) small in scale, and (iii) natural in appearance.

These visual quality class definitions are from the Forest Planning and Practices Regulation (FPPR) which applies to major licensees. Woodlot Licence planning is governed by the Woodlot Licence Planning and Practices Regulation (WLPPR) where these definitions are adopted for use. Section 1(1) of the WLPPR states ‘unless otherwise indicated, words and expressions not defined in this regulation have the meaning given to them in section 1 [definitions] of the Forest Planning and Practices Regulation’.

**Surge Narrows Road** – Along Surge Narrows Road, a Visual Quality Objective designation of Retention has been put in place along Surge Narrows Road. This ‘Retention’ polygon runs the entire length of the 5.7km of Woodlot Licence W1899 and is 50m wide.

Landscape management along Surge Narrows Road is challenging as definitions designed for long viewing distances often don’t apply when you are directly adjacent to a harvest area along a roadside. To accomplish the VQO, cutblocks will be small in size, carefully placed, and, providing the ground is stable, strategically located trees will be maintained to minimize the visual impact of forest harvesting. Where retention of trees for visual landscape purposes is not possible due to blowdown / soil stability concerns, small patch cuts will be utilized.

As per the District Manager’s Rationale for VQO Establishment dated December 14, 2005, 4 key elements are important considerations in relation to the design of logging operations along major road corridors:

- 1) **Size, shape, timing and aggregated total of harvest entries.** As discussed above, blocks will be kept small and will be carefully placed along the roadside. In addition, the following general criteria will guide operations along Surge Narrows Road. This WLP is for a 10 year period; no more than 15% of the forests along Surge Narrows Road will be harvested in any 10 year span and harvesting will only occur if adjacent stands are free growing.
- 2) **Location of roads, both within blocks and as they connect with major roads.** At present there are no new roads planned within the visual landscape polygon. Access from Surge Narrows Road has generally been developed. Where roads are required, they will be kept narrow and will be designed to minimize visual impacts.
- 3) **General appearance of logging (slash management, cutblock edge feathering, placement of reserves).** For all timber harvesting at Woodlot Licence W1899 the general appearance of logging is considered and visual impacts are minimized. Slash is generally left dispersed across the landscape and



both individual reserve trees and reserve patches are established where ecologically appropriate.

- 4) **Management of 'critical' roadside screens and the attendant effect on creation of new areas visible from roads and viewpoints.** As stated above, roadside screens and individual trees will be reserved from harvest at critical visual areas along the road (significant corners and viewpoints) subject to safety re. windfirmness and soil stability issues.

In regards to communication with the public pertaining to the visual impact of forest management operations along Surge Narrows Road, the licensee commits to having interested parties made aware of cutblocks before any harvesting begins. This will provide for discussion on cutting plans on a block by block basis.

## **2.6 Protecting and Conserving Cultural Heritage Resources**

The main species targeted for harvest are Douglas Fir and Western Hemlock, and all stands are second-growth. Western Red Cedar provides for <5% of the forests of WL1899 and all old-growth trees in Woodlot Licence W1899 are reserved from harvest. All red cedar trees are assessed prior to harvest and any trees with possible archaeological features will be retained. Should significant archaeological features or evidence of first nations traditional use be identified, these features / evidence will be recorded (Culturally modified trees, archaeological features, or historic evidence) and the applicable first nations will be contacted and appropriate consultation will be carried out.

The Cape Mudge First Nation, Klahoose First Nation, Comox First Nation, Homalco First Nation, and the Campbell River First Nation as well as the Hamatla Treaty Society have all received a copy of this WLP and been consulted on all Forest Development Plans to date.

**Traditionally Used Plants** – The licensee (Snarpen) is committed to working with any First Nations affected by this WLP in regards to resource use of the area. This includes First Nation requests for use of traditionally used plants in the WLP area and any information sharing requests by first nations which may arise following approval of this WLP. In addition, the licensee is committed to working with First Nations in regards to provision of opportunities for Monumental Cedar for traditional and cultural purposes. The licensee commits to block revisions where required for the purpose of management of traditionally used plants or for opportunities for monumental cedar. The licensee is also committed to cooperatively working with affected First Nations, major licensees, and the Ministry of Forests to collectively develop a cedar strategy.

## **2.7 Wildlife Tree Retention Strategy**

The default standard for wildlife tree retention (Woodlot Licence Planning and Practices Regulation (WLPPR) section 52(1)) is “ The proportion of the Woodlot Licence area that is occupied by wildlife tree retention areas is no less than, a) the proportion specified for the area in a higher level plan, or b) the proportion specified in a WLP, or c) 8%. Permanent reserves currently occupy 12% of Woodlot Licence 1899.

### 2.7.1 Individual Wildlife Trees

#### a) Species and Characteristics

A small patch of 'old-growth' trees at the north side of block SF3 is a good example of Wildlife Tree retention at Woodlot Licence W1899. In addition, many large Western White Pine trees, which have survived the threat of white pine blister rust, exist at Woodlot Licence W1899. Most of these trees are planned for permanent retention with the hopes that the seedlings produced from these large white pine will be resistant to future blister rust infestation.

In some areas, where appropriate, a double rotation (150years +/-) strategy is planned. Selected well spaced trees of all species are retained on a cutblock to grow additional clear wood until the understory reaches an age appropriate for harvest. At this time, some of the reserve trees will be left for an additional rotation (old-growth creation). Since the very best trees are retained with this system, it is hoped that Woodlot Licence W1899 benefits from the quality seed from these trees, variety in stand structure, and improved log quality. Block SF1 is an example of this forest management system.

On the south end of Woodlot Licence W1899, old growth recruitment and leave trees are more of a concern due to the rich, less stable soils which makes blowdown more likely. Nevertheless, leave trees for future old growth and wildlife value are retained in a number of these south blocks.

Generally, selection of trees for 'Wildlife Trees' will be based on current Wildlife / Danger Tree assessment procedures where all trees can be classified between class 1 and 8 based on the quality of that tree for wildlife value. Classes 1 and 2 are live trees, trees 3-7 are dead standing trees, and class 8 and 9 are dead fallen trees. By default, tree classes 4-8 are all reserved from harvest as there is generally no merchantable log value in those trees. Tree Class 3 are recently dead but are sound and have high wildlife tree value. These trees will be selected where safety permits. Tree class 1 and 2 are live trees with class 1 being healthy and tree class 2 being unhealthy. These trees provide long-term wildlife tree value as those trees will ultimately deteriorate in quality and ultimately become higher tree classes. It is important to identify a variety of tree classes for wildlife trees to provide many biodiversity values (nesting, roosting, feeding) for a variety of species at all times.

"Good" Characteristics of wildlife trees include some or all of the following features:

- Greater than 15m in height,
- At least 30cm in diameter for species such as woodpeckers, martens or owls,
- Smaller diameter for species such as chickadees and nuthatches,
- Broken tops,
- Some intact bark and branches
- Forks and crooks,
- Windfirmness.

Where possible, individual wildlife trees will be selected based on trees that exhibit these features. A variety of tree species will be selected for wildlife trees so that the old growth component of the future forest is similar to the natural species distribution of ecosystems common to Woodlot Licence W1899.

### **b) Conditions Under Which Individual Wildlife Trees May be Removed**

Trees specifically identified as 'Wildlife Trees' are generally planned for permanent retention regardless of whether these trees blowdown or are damaged. These trees are considered to have biodiversity / wildlife tree value even if they fall to the ground as the trees provide coarse woody debris which has value for habitat, food for a variety of species, nutrient cycling for forest soils, etc.. These trees will be removed if they pose a safety hazard and block access.

### **c) Replacement of Individual Wildlife Trees**

As wildlife trees will generally be retained should they fall, replacement of these trees is not essential. In addition, a substantial number of wildlife trees exist in the 12% of the woodlot included in permanent reserves. As harvesting progresses, additional wildlife trees and wildlife tree patches will be established.

## **2.7.2 Wildlife Tree Retention Areas**

**Table 3 – Wildlife Tree Retention Areas**

<b>Reserve Name</b>	<b>Forest Cover Attributes</b>	<b>Function</b>
<b>Hoskyn Channel Reserve</b>	Poly 681 – FHw 5607 Site Index 36 Poly 683 – Dr(FHw) 4406 Site Index 24 Poly 688 – F(HwDr) 5504 Site Index 31 Poly 689 – F(HwMbDrPl) 4305 – Site Index 26 Poly 690 – Dr(Fd) 4407 Site Index 26 Poly 691 – Dr(FMb) 4408 Site Index 29 Poly 692 – FPl 4305 Site Index 25 Poly 498 – F(PlHw) 3307 Site Index 22 Poly 502 – FMb – 4408 Site Index 20	Biodiversity management, preservation of riparian values. Visual landscape management along Hoskyn Channel
<b>Bold Point Reserve</b>	Poly 198 – F(Pl) 4304 Site Index 17 Poly 199 – Dr 3407 Site Index – 32 Poly 200 – Dr 3407 Site Index 32 Poly 241 – F(HSs) 6605 Site Index 35 Poly 341 – FD 6606 Site Index 38	Biodiversity management, protection Bold Point Trail, protection of nearby (non-licensed) water supply

Gary's Creek Reserve	Polygon 347 – F 6706 Site Index 43 Polygon 348 – Dr(F) 4407 Site Index 35 Polygon 522 – D 2207 Site Index 23 Polygon 525 – F(Dr) 6604 Site Index 37	Biodiversity management, maintenance of riparian ecosystems associated with Gary's Creek and associated streams.
----------------------	--	--

Wildlife Tree Retention Areas (WTP's) at Woodlot Licence W1899 coincide with the areas designated as permanent reserves. These WTP's contain a broad cross-section of species composition and forest ages, and these reserves adequately represent the variety of ecosystems throughout Woodlot Licence W1899.

**b) Conditions Under Which Trees May be Removed from Wildlife Tree Retention Areas.**

Trees can only be removed from Wildlife Tree Retention Areas for public safety or for access to areas beyond the Wildlife Tree Retention Area.

**c) Replacement of Trees Removed from Wildlife Tree Areas**

As trees will not be removed from wildlife tree areas, a replacement strategy is not required. Should a substantial number of wildlife trees be lost due to wind, etc., and the appropriate strategy would be to remove these trees, those wildlife trees will be replaced with a similar number and types of wildlife trees. A limited number of trees may be removed for safety or access issues but the biodiversity value of these trees is accounted for in the extensive reserves and individual trees retained throughout the woodlot licence area.

## **2.8 Measures to Prevent the Introduction or Spread of Invasive Plants**

Appendix 4 contains the 'Invasive Plants Regulation' where "Known" invasive plants of British Columbia are recognized. The main invasive plant species on Quadra Island is Scotch Broom (*Cytisus scoparius*). This species is common throughout Quadra Island along roadsides and in open fields. The best method of control for this species is to cut the larger plants at ground level and to pull the smaller plants with roots attached. Once Scotch Broom is established, several control treatments are required to keep the species from spreading. Whenever Scotch Broom is encountered in the Woodlot Licence area the plants are removed. The most effective method of control is prompt and successful reforestation of cutblocks to preferred and acceptable species (thereby shading out the invasive species).

The other main group of invasive species include bull thistle (*Cirsium vulgare*), and Canada Thistle (*Cirsium arvense*) as well as a variety of grass species. These species are generally found along roadsides and are often spread via roadside seed mixtures applied for sedimentation control and slope stabilization. Where roadside application of grass-seed mixture is required, seed mixtures free of invasive plant seed will be used. These seed mixtures are generally a combination of grass and clover species.

It is a policy at Woodlot Licence W1899 that native plants or grass seed mixtures free of invasive plants will be utilized to re-vegetate skid trails and roadsides post harvest. When roads are built at Woodlot Licence W1899, road surfacing is generally created onsite either by developing gravel quarries or drilling and blasting rock quarries. As the surface vegetation and humus layer of the soil is removed in the development of these rock sources, the surface material is 'clean' gravel of rock and will minimize the spread of invasive plants. The licensee commits to continue to use 'clean' surfacing material for road construction at Woodlot Licence W1899.

## **2.9 Measures to Mitigate the Effect of Removing Natural Range Barriers**

As there are no natural range barriers within Woodlot Licence W1899, there are no measures proposed to mitigate the effect of removing or rendering ineffective natural range barriers.

## **2.10 Stocking Standards for Specified Areas**

Areas subject to removal of individual trees, harvest of special forest products, or other types of intermediate cutting are considered 'Specified Areas' for the purpose of this Woodlot Licence Plan. Examples of this type of situation would be minor blowdown salvage, small market opportunities in special forest products, or salvage of diseased or damaged timber. At these 'Specified Areas' stands will be generally be maintained fully stocked post harvest. Where stands are not fully stocked post harvest (as per uneven-aged stocking standards), an appropriate silviculture plan will be developed and basic silviculture obligations will apply. Where opening are > 0.1 ha in size, these areas will be reforested and basic silviculture (even-aged) will apply.

For these areas, the 'Uneven-Aged Stocking Standards' as found in the MOF Publication "Reference Guide for FDP Stocking Standards" are adopted.

## **2.11 Performance Requirements**

### **2.11.1 Soil Disturbance Limits**

Accept Default Performance Requirement – Section 24(1), WLPPR.

- 8% of Net Area to be Reforested

### **2.11.2 Permanent Access Structures**

Accept Default Performance Requirement – Section 25, WLPPR.

- The maximum area occupied by permanent access structures is as follows:
  - Cutblocks  $\geq 5\text{ha}$  = 7% of cutblock area
  - Cutblocks  $< 5\text{ha}$  = 10% of cutblock area
  - Total Woodlot Area = 7% of Woodlot Licence area

### **2.11.3 Use of Seed**

Accept Default Performance Requirement – Section 32, WLPPR.

- The Chief Forester's Standards for seed use are adopted for this WLP.

#### **2.11.4 Stocking Standards**

Accept Default Performance Requirement – Section 35, WLPPR.

- The stocking standards described in the MOF publication ‘Reference Guide for Forest Development Plan Stocking Standards’ as amended from time to time, which are in effect at the time of harvest for each cutting permit.

#### **2.11.5 Width of Stream Riparian Areas**

Accept Default Performance Requirement – Section 36(4), WLPPR.

#### **2.11.6 Width of Wetland Riparian Areas**

Accept Default Performance Requirement – Section 37(3), WLPPR.

#### **2.11.7 Width of Lake Riparian Areas**

Accept Default Performance Requirement – Section 38(2), WLPPR.

#### **2.11.8 Restrictions in a Riparian Reserve Zone**

Accept Default Performance Requirement – Section 39, WLPPR.

- Cutting, modifying, or removing trees in a riparian reserve zone is limited to the purposes described in section 39(1) of the WLPPR.
  - felling or modifying a tree that is a safety hazard, if there is no other practicable option to address the safety hazard
  - topping or pruning a tree that is not windfirm
  - constructing a stream crossing
  - creating a corridor for full suspension yarding
  - creating guyline tiebacks
  - carrying out a sanitation treatment
  - felling or modifying a tree that has been windthrown or has been damaged by fire, insects, disease, or other causes if the felling or modifying will not have a material adverse impact on the riparian reserve zone.
  - felling or modifying a tree for the purpose of establishing or maintaining an interpretive forest site, recreation site, recreation feature or recreation trail
- Restrictions on constructing a road in a riparian reserve zone are as described in section 39(2.1) of the WLPPR.
  - A woodlot licence holder must not construct a road in a riparian reserve zone unless the construction has been specified in a Woodlot Licence Plan.

#### **2.11.9 Restrictions in a Riparian Management Zone**

Accept Default Performance Requirement – Section 40, WLPPR.

- Construction of a road in a riparian management zone is limited to the conditions described in section 40(1) of the WLPPR.
  - the construction of the road is provided for in the WLP
  - locating the road outside the riparian management zone would create a higher risk of sediment delivery to the stream, wetland, or lake to which the riparian management zone applies
  - there is no other practicable option for locating the road
  - the road is required as part of a stream crossing

## **APPENDIX A1 – 1:150,000 Key Location Map**

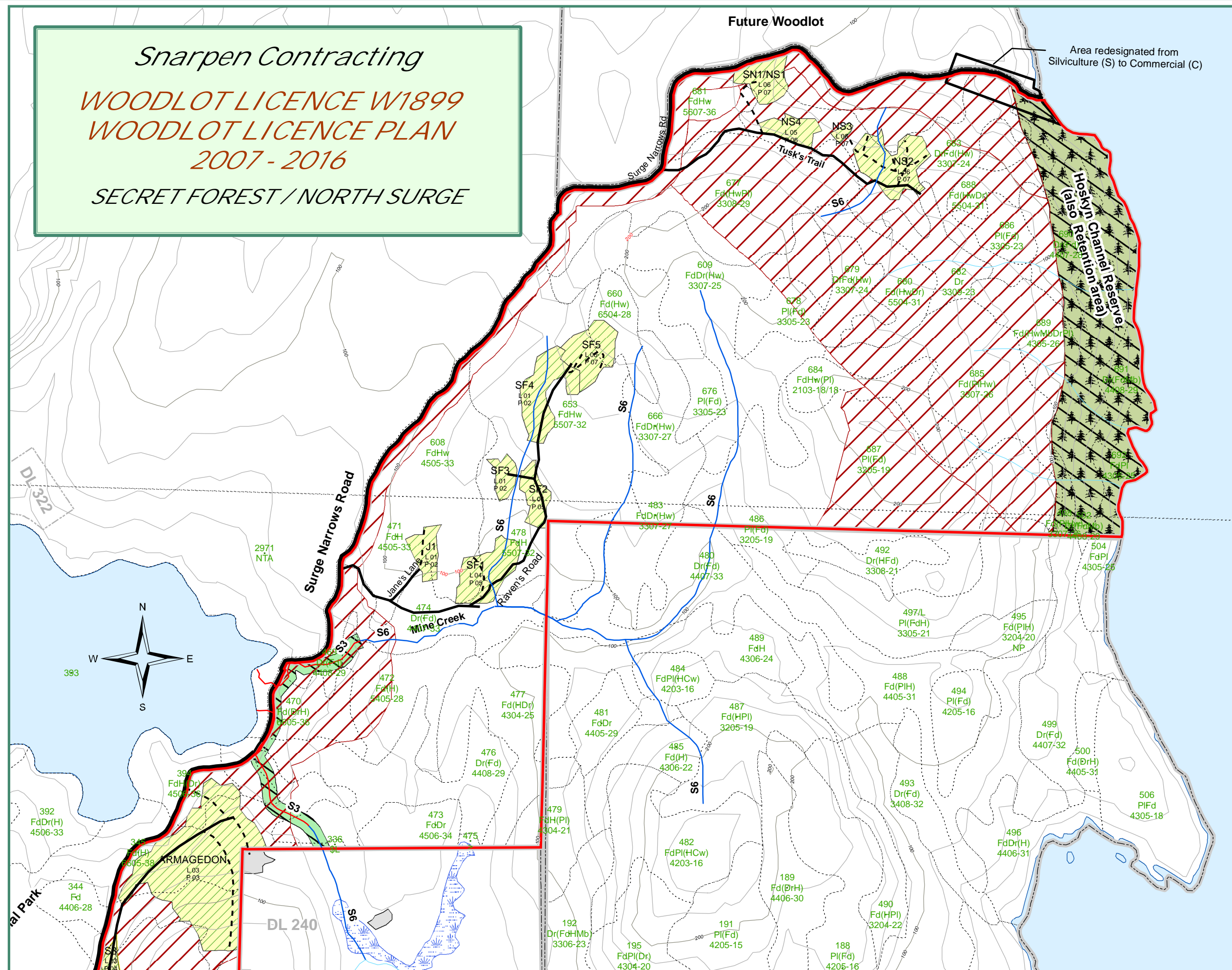
## **APPENDIX A2 – 1:10,000 Woodlot Licence Plan Maps**



Snarpen Contracting

WOODLOT LICENCE W1899  
WOODLOT LICENCE PLAN  
2007 - 2016

SECRET FOREST / NORTH SURGE



## Legend

- Contours**
- Intermediate
  - Index
- Woodlot\_boundary**
- Forest Cover Type Line**
- Swamp**
- Creeks**
- S1, Primary
  - S2, S3, S4
  - S5, S6
- Roads**
- Highway/Public
  - Main
  - Branch
  - Spur
  - Skid trail
  - Landing
  - Gate
  - Recreation trail
  - Hydro & Telephone
  - Telephone
  - Hydro
- Blocks**
- New/Proposed Block
  - Approved
  - Logged
  - Logged / Stocked
  - Free\_Growing
  - Spaced
  - Adjacent Logged Areas
- Reserves**
- Reserve - general
  - Old Growth
  - WTP
  - Sensitive Area
- Operability**
- Areas Where Harvesting will be Avoided
  - Areas Where Harvesting will be Modified

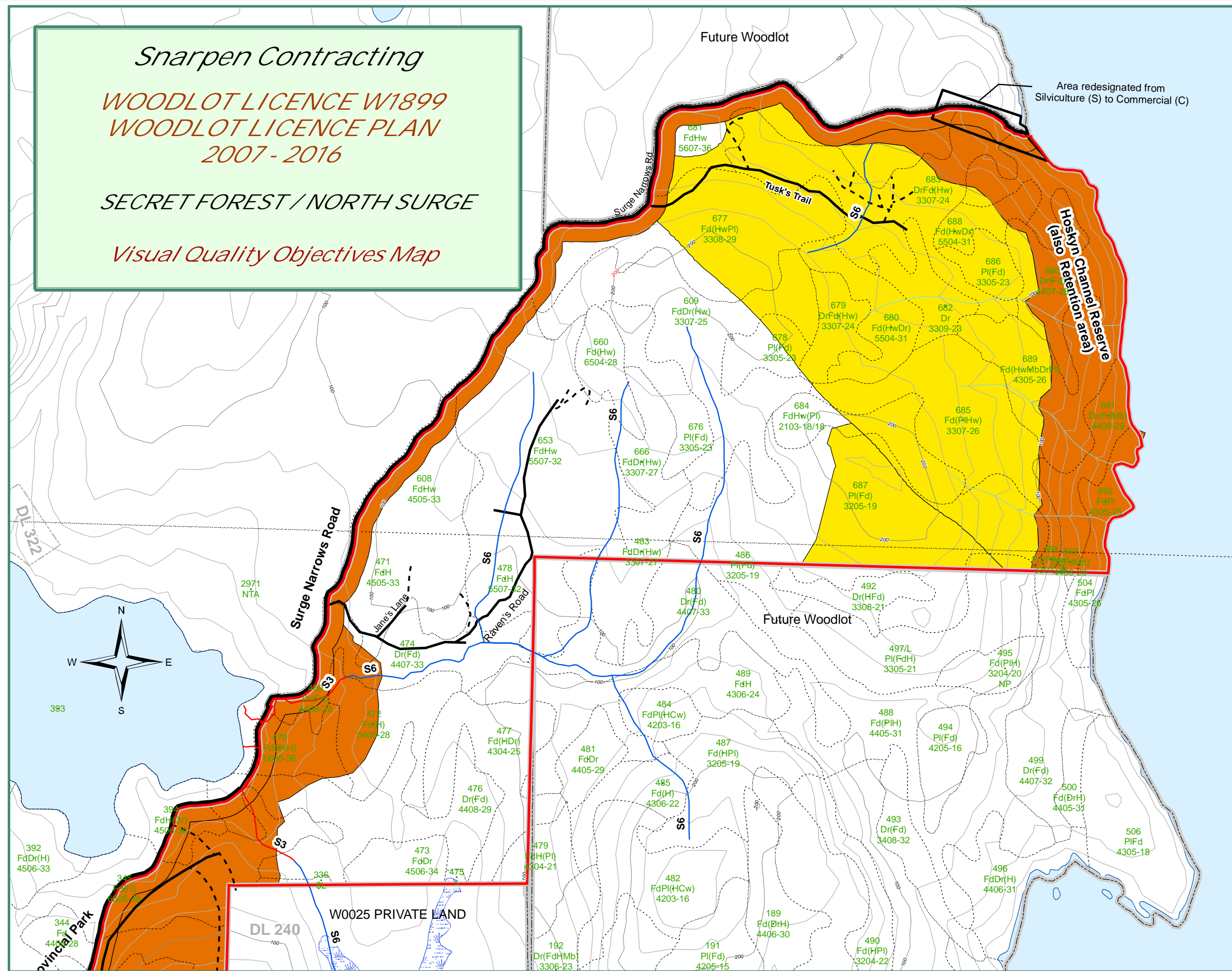
1:10,000

*Snarpen Contracting*



*WOODLOT LICENCE W1899  
WOODLOT LICENCE PLAN  
2007 - 2016*

*SECRET FOREST / NORTH SURGE*

*Visual Quality Objectives Map*






## Legend

**Contours** Intermediate   
Index 

**Woodlot\_boundary** 



**Forest Cover Type Line** 

**Swamp** 

**Creeks**  
 S1, Primary  
 S2; S3; S4  
 S5; S6

**Roads**  
 Highway/Public  
 Main  
 Branch  
 Spur  
 Skid trail  
 Landing  
 Gate  
 Recreation trail  
 Hydro & Telephone  
 Telephone  
 Hydro

## Visual Quality Classification

 PARTIAL RETENTION  
 RETENTION

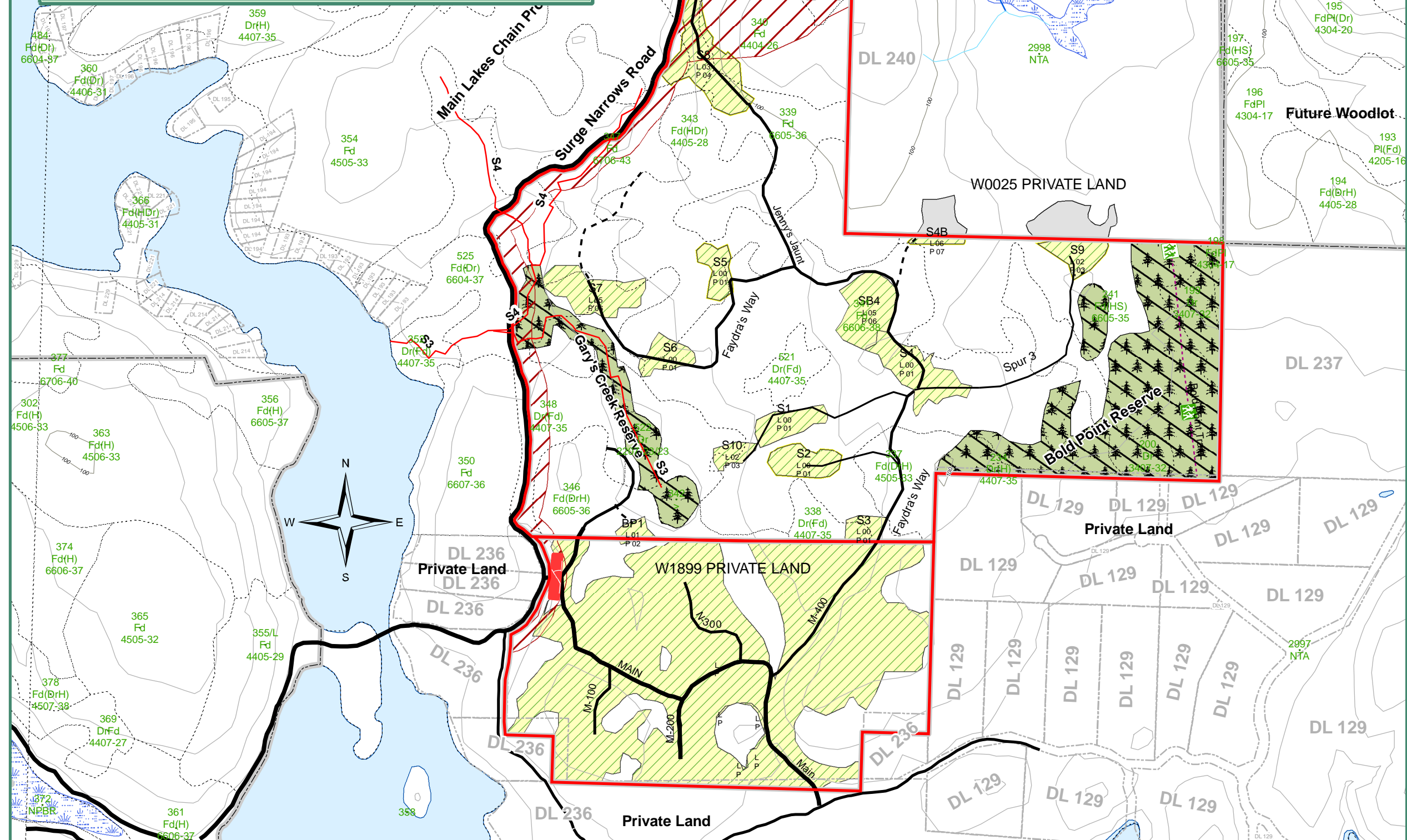
1:10,000



Snarpen Contracting

WOODLOT LICENCE W1899  
WOODLOT LICENCE PLAN  
2007 - 2016

SOUTH FOREST



## Legend

Contours Intermediate Index

Woodlot\_boundary

Forest Cover Type Line

Swamp

Creeks S1, Primary S2, S3; S4 S5; S6

Roads Highway/Public Main Branch Spur Skid trail Landing Gate Recreation trail Hydro & Telephone Telephone Hydro

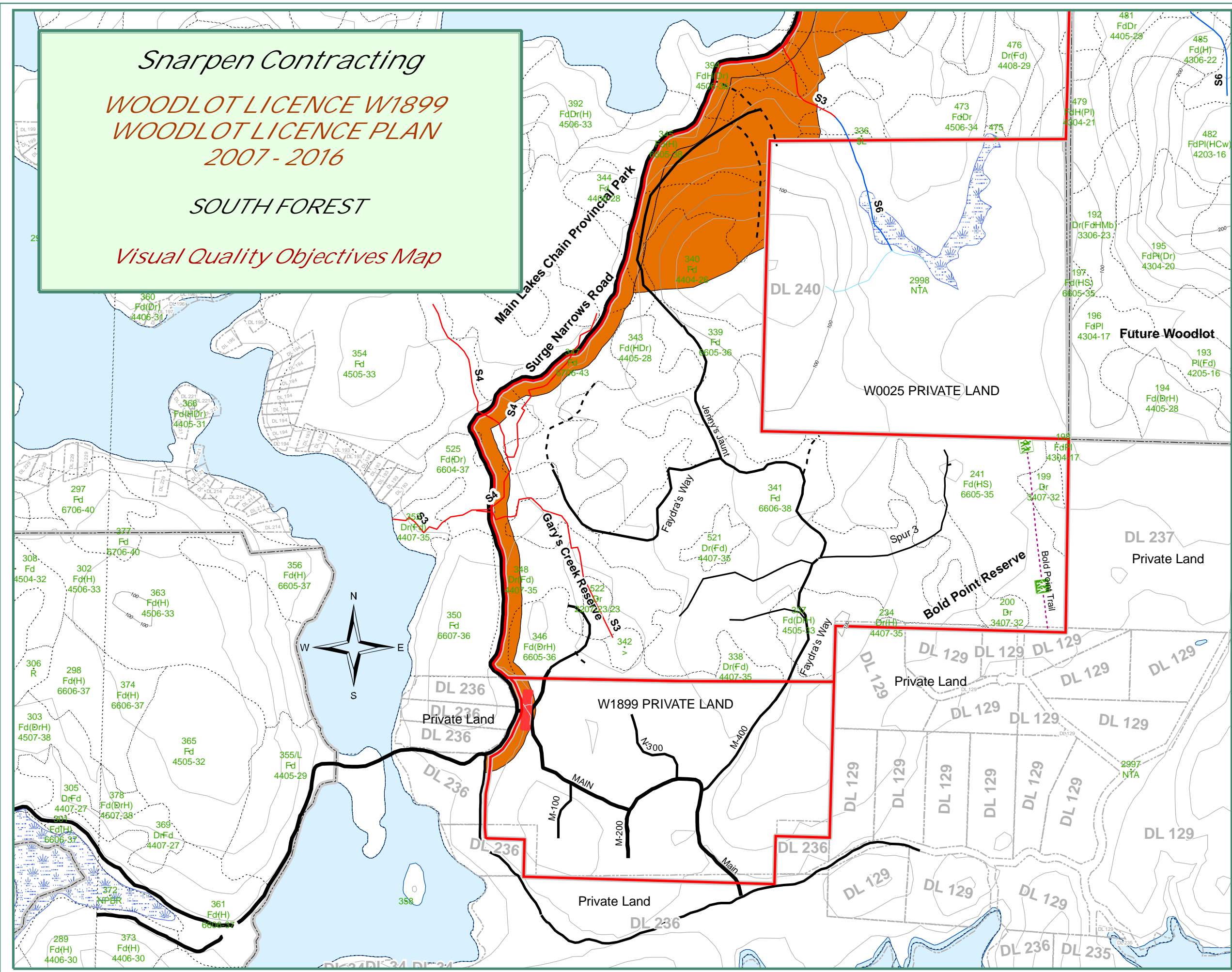
Blocks New/Proposed Block Approved Logged Logged / Stocked Free\_Growing Spaced Adjacent Logged Areas

Reserves Reserve - general Old Growth WTP Sensitive Area

Operability Areas Where Harvesting will be Avoided Areas Where Harvesting will be Modified

1:9,295





## Legend

Contours Intermediate Index

Woodlot\_boundary

Forest Cover Type Line

Swamp

Creeks S1, Primary S2, S3; S4 S5; S6

Roads Highway/Public Main Branch Spur Skid trail Landing Gate Recreation trail Hydro & Telephone Telephone Hydro

### Visual Quality Classification

PARTIAL RETENTION RETENTION

1:10,000

## **APPENDIX A3 – CATEGORIES OF VISUALLY ALTERED FOREST LANDSCAPE**

## Categories of visually altered forest landscape

- 1.1 For the purposes of paragraph (c) of the definition of "altered forest landscape" in section 1, the following categories are prescribed, each according to the extent of alteration resulting from the size, shape and location of cutblocks and roads:
- (a) *preservation*: consisting of an altered forest landscape in which the alteration, when assessed from a significant public viewpoint, is
    - (i) very small in scale, and
    - (ii) not easily distinguishable from the pre-harvest landscape;
  - (b) *retention*: consisting of an altered forest landscape in which the alteration, when assessed from a significant public viewpoint, is
    - (i) difficult to see,
    - (ii) small in scale, and
    - (iii) natural in appearance;
  - (c) *partial retention*: consisting of an altered forest landscape in which the alteration, when assessed from a significant viewpoint, is
    - (i) easy to see,
    - (ii) small to medium in scale, and
    - (iii) natural and not rectilinear or geometric in shape;
  - (d) *modification*: consisting of an altered forest landscape in which the alteration, when assessed from a significant public viewpoint,
    - (i) is very easy to see, and
    - (ii) is
      - (A) large in scale and natural in its appearance, or
      - (B) small to medium in scale but with some angular characteristics;
  - (e) *maximum modification*: consisting of an altered forest landscape in which the alteration, when assessed from a significant public viewpoint,

- (i) is very easy to see, and
- (ii) is
  - (A) very large in scale,
  - (B) rectilinear and geometric in shape, or
  - (C) both.

## **Application and interpretation**

- 2 (1) This regulation does not apply in respect of a person who is authorized to carry out a forest practice that is
- (a) funded under a vote as defined in section 1 of the *Financial Administration Act*, and
  - (b) administered under the Forest Investment Account, under the *Financial Administration Act*, unless the funding is provided as set out in section 96 of this regulation.
- (2) In this regulation, a reference to distance in respect to riparian management areas, riparian management zones and riparian reserve zones, and in Division 4 of Part 4, is a reference to the slope distance.
- (3) A person is exempt from
- (a) a requirement of Parts 4 and 5 of this regulation, or
  - (b) an obligation under section 21, 29, 47 or 48 of the Act as necessary to allow the person to conform to the *Workers Compensation Act* and the regulations under that Act.
- (4) Until June 1, 2005, Parts 2 and 3 of this regulation and the standards and objectives made under Parts 2 and 3 apply immediately, despite section 16 (2) of the Act, to a forest stewardship plan.

## **Damage to the environment**

## **APPENDIX A4 – INVASIVE PLANTS REGULATION**



**Legislation & Regulations****Ministry of  
Forests and Range**

Legislation Regulations Amendments Search Feedback

**INVASIVE PLANTS REGULATION****B.C. Reg. 18/2004  
effective January 31, 2004***Contents**section*

- 1 Application of sections 16 (2) and 37 (2) of the Act
- 2 Invasive plant species specified

**Application of sections 16 (2) and 37 (2) of the Act**

- 1 Until June 1, 2004, this regulation applies immediately, despite sections 16 (2) and 37 (2) of the Act, to a forest stewardship plan, woodlot licence plan, range use plan, and range stewardship plan, as applicable.

**Invasive plant species specified**

- 2 For the purposes of section 47 of the Forest and Range Practices Act, the prescribed species of invasive plants are as follows:

<b>Weed Species</b>	<b>Scientific name</b>
Anchusa	<i>Anchusa officinalis</i>
Baby's breath	<i>Gypsophila paniculata</i>
Black knapweed	<i>Centaurea nigra</i>
Blueweed	<i>Echium vulgare</i>
Brown knapweed	<i>Centaurea jacea</i>
- Bull Thistle	<i>Cirsium vulgare</i>
- Canada Thistle	<i>Cirsium arvense</i>

Common Burdock	<i>Arctium minus</i> —
Common Tansy	<i>Tanacetum vulgare</i> —
Dalmatian Toadflax	<i>Linaria dalmatica</i> —
Diffuse Knapweed	<i>Centaurea diffusa</i>
Field Scabious	<i>Knautia arvensis</i>
Giant Knotweed	<i>Polygonum sachalinense</i>
Gorse	<i>Ulex europaeus</i>
Hoary Alyssum	<i>Berteroa incana</i>
Hoary Cress	<i>Cardaria draba</i>
Hound's-tongue	<i>Cynoglossum officinale</i>
Japanese Knotweed	<i>Polygonum cuspidatum</i>
Leafy spurge	<i>Euphorbia esula</i>
Marsh Thistle	<i>Cirsium palustre</i>
Meadow Hawkweed	<i>Hieracium pilosella</i>
Meadow Knapweed	<i>Centaurea pratensis</i>
Nodding Thistle	<i>Carduus nutans</i>
Orange Hawkweed	<i>Hieracium aurantiacum</i>
Oxeye Daisy	<i>Chrysanthemum leucanthemum</i> —
Perennial pepperweed	<i>Lepidium latifolium</i>
Plumeless Thistle	<i>Carduus acanthoides</i>
Puncture vine	<i>Tribulus terrestris</i>
Purple Loosestrife	<i>Lythrum salicaria</i>
Rush Skeletonweed	<i>Chondrilla juncea</i>
Russian Knapweed	<i>Acroptilon repens</i>
Scentless Chamomile	<i>Matricaria maritima</i>
Scotch broom	<i>Cytisus scoparius</i> —
Scotch Thistle	<i>Onopordum acanthium</i>
Spotted Knapweed	<i>Centaurea maculosa</i>
St. John's-wort	<i>Hypericum perforatum</i>
Sulphur Cinquefoil	<i>Potentilla recta</i>
Tansy ragwort	<i>Senecio jacobaea</i> —
Teasel	<i>Dipsacus fullonum</i>
Yellow Iris	<i>Iris pseudacorus</i>

Yellow starthistle

*Centaurea solstitialis*

Yellow toadflax

*Linaria vulgaris*

[•Top](#) [•Copyright](#) [•Disclaimer](#) [•Privacy](#)

[•Government of British Columbia](#)

## **APPENDIX A5 – STOCKING STANDARDS**

# CWHxm — Vancouver

## Tree Species Selection and Free Growing Stocking Standard Guidelines

Site series	Conifer species			Broadleaf species <sup>a</sup>	Stocking standards (well-spaced/ha) *			Regen delay (yrs)	Assessment		% tree over brush
	Primary	Secondary	Tertiary		TSSpa**	MSSpa	MSSp		Early (yrs)	Late (yrs)	
01 HwFd – Kindbergia	Fd	Hw <sup>24</sup>	Cw Pw <sup>31</sup>	Dr <sup>7,42,a</sup> Mb <sup>b</sup> Ep <sup>18,a</sup> Ra <sup>b</sup>	900	500	400	3	8	11	150
02* FdPI – Cladina	PI	Fd		Qg <sup>b</sup> Ra <sup>a</sup>	400	200	200	3	8	11	150
03 FdHw – Salal	Fd	PI <sup>6</sup>	Cw Hw	Act <sup>b</sup> Dr <sup>b</sup> Ep <sup>a</sup> Mb <sup>b</sup> Ra <sup>b</sup>	800	400	400	3	8	11	150
04 Fd – Sword fern	Fd		Cw Pw <sup>31</sup>	Act <sup>b</sup> Dr <sup>b</sup> Ep <sup>b</sup> Mb <sup>a</sup>	900	500	400	3	8	11	150
05 Cw – Sword fern	Cw Fd		Bg <sup>53</sup> Hw Pw <sup>31</sup>	Act <sup>42,a</sup> Dr <sup>42,a</sup> Ep <sup>18,a</sup> Mb <sup>a</sup>	900	500	400	3	8	11	150
06 HwCw – Deer fern	Cw Hw	Fd <sup>18</sup>	Bg <sup>7</sup>	Act <sup>b</sup> Dr <sup>7,41,a</sup> Ep <sup>18,a</sup> Mb <sup>b</sup>	900	500	400	6	11	14	150
07 Cw – Foamflower	Bg Cw Fd		Hw	Act <sup>41,a</sup> Dr <sup>41,a</sup> Ep <sup>18,a</sup> Mb <sup>41,a</sup>	900	500	400	3	8	11	150

\* avoid logging

6 suitable on nutrient-very-poor sites

7 restricted to nutrient-medium sites

18 restricted to eastern portion of biogeoclimatic unit in region

24 suitable as major species in wetter portion of biogeoclimatic unit

31 risk of white pine blister rust

41 limited by poorly drained soils

42 restricted to fresh soil moisture regimes

53 minor component

a productive, reliable, and feasible regeneration option

b limited in productivity, reliability, and/or feasibility

Continued next page

Free Growing Height Criteria (m)															
Site series	BI	PI	Fd	Ss	Sw/Se/Sx	Bg	Ba	Bp	Lw	Hm	Hw	Cw	Pw	Py	Yc
01 04	—	—	3.0	—	—	—	—	—	1.5	—	2.0	1.5	2.5	—	—
02 11 12	—	1.25	2.0	1.5	—	—	—	—	1.5	—	—	1.0	2.5	—	—
03	—	1.25	2.0	1.5	—	—	—	—	1.5	—	1.25	1.0	2.5	—	—
05 07	—	—	4.0	—	—	3.5	—	—	—	—	1.75	2.0	2.5	—	—
06	—	—	3.0	—	—	3.0	—	—	1.5	—	2.0	1.5	2.5	—	—
08	—	—	4.0	4.0	—	3.5	—	—	—	—	—	2.0	2.5	—	—
09 13 14 15	—	—	4.0	—	—	3.5	—	—	—	—	—	2.0	2.5	—	—

<sup>a</sup> See Coast Broadleaf guidelines on page 81 for stocking standard and free growing guidelines

\* TSS – target stocking standards

MSS – minimum stocking standards

pa – preferred and acceptable

p – preferred

\*\* The target stocking standard is reduced by 100 stems/hectare for Douglas-fir stands (except for site series 02).

May 2001

**CWHxm — Vancouver** (continued)**Tree Species Selection and Free Growing Stocking Standard Guidelines**

Site series	Primary	Conifer species		Broadleaf species <sup>a</sup>	Stocking standards (wall-spaced/ha) *			Regen delay (yrs)	Assessment		% tree over brush
		Secondary	Tertiary		TSSpa <sup>**</sup>	MSSpa	MSSp		Early (yrs)	Late (yrs)	
08 Ss – Salmonberry	Bg Cw Ss <sup>35</sup>			Act <sup>41,a</sup> Dr <sup>41,a</sup> Ep <sup>18,a</sup> Mb <sup>41,a</sup>	900	500	400	3	8	11	150
09 Act – Red-osier dogwood		Bg <sup>1</sup> Cw <sup>1</sup>		Act <sup>41,a</sup> Dr <sup>41,a</sup> Ep <sup>18,a</sup> Mb <sup>41,a</sup>	900	500	400	3	8	11	150
10 Act – Willow	no conifers			Act <sup>b</sup> Dr <sup>b</sup> Ep <sup>b</sup> Mb <sup>b</sup>	—	—	—	—	—	—	—
11* Pl – Sphagnum	Pl <sup>1</sup>		Cw <sup>1</sup>		400	200	200	3	8	11	150
12 CwSs – Skunk cabbage	Cw <sup>1</sup>		Hw <sup>1</sup> Pw <sup>31</sup> Ss <sup>35</sup>	Act <sup>b</sup> Dr <sup>b</sup> Ep <sup>b</sup> Mb <sup>b</sup>	800	400	400	3	8	11	150
13 Cw – Salmonberry	Bg Cw	Fd		Act <sup>41,a</sup> Dr <sup>41,a</sup> Ep <sup>18,a</sup> Mb <sup>41,a</sup>	900	500	400	3	8	11	150
14 Cw – Black twinberry	Bg <sup>1</sup> Cw <sup>1</sup>			Act <sup>41,a</sup> Dr <sup>41,a</sup> Ep <sup>18,a</sup> Mb <sup>41,a</sup>	900	500	400	3	8	11	150
15 Cw – Slough sedge	Cw <sup>1</sup>			Act <sup>b</sup> Dr <sup>b</sup> Ep <sup>b</sup> Mb <sup>b</sup>	800	400	400	3	8	11	150

\* avoid logging

1 elevated microsites are preferred

18 restricted to eastern portion of biogeoclimatic unit in region

31 risk of white pine blister rust

35 risk of weevil damage

41 limited by poorly drained soils

a productive, reliable, and feasible regeneration option

b limited in productivity, reliability, and/or feasibility

**Free Growing Height Criteria (m)**

Site series	Bl	Pl	Fd	Ss	Sw/Se/Sx	Bg	Ba	Bp	Lw	Hm	Hw	Cw	Pw	Py	Yc
01 04	—	—	3.0	—	—	—	—	—	1.5	—	2.0	1.5	2.5	—	—
02 11 12	—	1.25	2.0	1.5	—	—	—	—	1.5	—	—	1.0	2.5	—	—
03	—	1.25	2.0	1.5	—	—	—	—	1.5	—	1.25	1.0	2.5	—	—
05 07	—	—	4.0	—	—	3.5	—	—	—	—	1.75	2.0	2.5	—	—
06	—	—	3.0	—	—	3.0	—	—	1.5	—	2.0	1.5	2.5	—	—
08	—	—	4.0	4.0	—	3.5	—	—	—	—	—	2.0	2.5	—	—
09 13 14 15	—	—	4.0	—	—	3.5	—	—	—	—	—	2.0	2.5	—	—

May 2001

<sup>a</sup> See Coast Broadleaf guidelines on page 81 for stocking standard and free growing guidelines

\* TSS – target stocking standards

MSS – minimum stocking standards

pa – preferred and acceptable

p – preferred

<sup>\*\*</sup> The target stocking standard is reduced by 100 stems/hectare for Douglas-fir stands (except for site series 02).

## Broadleaf — Coast\*

### Tree Species Selection and Free Growing Stocking Standard Guidelines\*\*

Tree species	Product	Stocking standards (well-spaced/ha) *			Regen delay (yrs)	Assessment		Min. inter-tree distance (m)	% tree over brush
		TSSpa	MSSpa	MSSp		Early (yrs)	Late (yrs)		
Red alder <sup>†</sup> and bigleaf maple	Sawlogs	1200	700	600	3	5	8	2	150
	Pulp	1500	1200	1000	3	5	8	2	150
Coastal black cottonwood (for pulp)	Sawlogs	700	400	400	3	5	8	2	150
	Pulp	900	600	500	3	5	8	2	150

\* Vancouver Forest Region and the CWH zone of the Prince Rupert Forest Region

\*\* The minimum height for broadleaf trees is based on the minimum height of the tallest conifer for the site series. These standards apply to pure broadleaf stands.

+ TSS – target stocking standards    MSS – minimum stocking standards    pa – preferred and acceptable    p – preferred

† When growing red alder for sawlog production, it is recommended that stands be thinned to 600 well-spaced trees per hectare, but not before the stands have reached 12 to 16 m in height.

## Uneven-aged Stocking Standards\*

Target from even-aged standards (stems/ha)	Layer**	Stocking standards (well-spaced/ha)***			Target from even-aged standards (stems/ha)	Layer**	Stocking standards (well-spaced/ha)***		
		TSSpa	MSSpa	MSSp			TSSpa	MSSpa	MSSp
1200	1	600	300	250	800	1	300	150	150
	2	800	400	300		2	400	200	200
	3	1000	500	400		3	600	300	300
	4	1200	700	600		4	800	400	400
1000	1	400	200	200	600	1	300	150	150
	2	600	300	250		2	400	200	200
	3	800	400	300		3	500	300	300
	4	1000	500	400		4	600	400	400
900	1	400	200	200	400	1	200	100	100
	2	500	300	250		2	300	125	125
	3	700	400	300		3	300	150	150
	4	900	500	400		4	400	200	200

May 2001

\* Maximum regeneration delay is seven years. For a seven-year regeneration delay, the early free growing is 12 years and the late free growing is 15 years. Regeneration delay can be met immediately following harvest if the residual stand has no significant damage or pest problems and meets minimum stocking standards. If regeneration is achieved immediately following harvest, earliest free growing date is five years post harvest and late free growing assessment is at 15 years.

\*\* **Layer 1** = mature layer = trees  $\geq 12.5$  cm dbh; **Layer 2** = pole layer = trees 7.5 cm to 12.4 cm dbh;

**Layer 3** = sapling layer = trees  $\geq 1.3$  m in height and up to 7.4 cm dbh; **Layer 4** = regeneration layer = trees  $< 1.3$  m in height

\*\*\* **TSS** – target stocking standards

**MSS** – minimum stocking standards

**pa** – preferred and acceptable

**p** – preferred



## **APPENDIX A6 – RECORD OF ADVERTISING**

**QUADRA ISLAND WOODLOTS 25, 1899, 1611 – DRAFT WOODLOT LICENCE PLANS**

Alex Hartford, Snarpen Contracting Limited (Mark Nighswander), and Rockview Resources Limited (John and Coleen Marlow) are holding a public review of their draft Woodlot Licence Plans (WLP's) for Woodlot Licence 25, Woodlot Licence 1899, and Woodlot Licence 1611.

Woodlot Licence 25 (Alex Hartford) includes 4 parcels of crown land and 1 parcel of private land. The crown land is located in the vicinity of Homewood (Block 1), Smith Road (Block 2), Open Bay (Block 3), and Valdez Road (Block 5). The private land is located in the vicinity of Surge Narrows (Block 4).

Woodlot Licence 1899 (Mark Nighswander) is located in the between Mine Lake and Surge Narrows and includes both crown land and private land.

Woodlot Licence 1611 (John and Coleen Marlow) includes 2 sections of crown land: 1) Heriot Ridge between North Gowlland Road, Hyacinth Bay Road and Thompson / Hope Spring Road, and 2) between Open Bay Creek and September Creek on either side of Valdez Road. In addition to the crown land, a small portion of private land located at Hope Spring Road is also included in WL1611.

The FDP shows the location of 'areas reserved from harvest', 'areas where harvesting will be modified', and 'general forest management areas'. The current silviculture status of land within these woodlot licences is indicated on these WLP's. The WLP is available for review by resource agencies and the public before approval is considered by the Ministry of Forests. Current approved operational and Management Plans will be made available for viewing at this time.

These draft WLP's are available for review and comment for a 45 day period. An open house for public review and comment will be held on October 19, 2006 in Room 1, Quadra Island Community Hall between 4:30pm and 8:30pm. Any interested members of the public are invited to attend. Please use the south entrance when entering the building. In addition to the public viewing, copies of these WLP's are currently available at the Vancouver Island Regional Library – Quadra Island Branch or can be viewed online at [www.northislandwoodlot.com](http://www.northislandwoodlot.com).

To discuss these WLP's outside of the public viewing time frame, please contact Alex Hartford, WL0025 (285-3148), Mark Nighswander, WL1899 (285-3548), or John or Coleen Marlow, WL1611 (285-2544). In order to receive consideration prior to WLP approval, comments must be received in writing by November 27, 2006 although comments regarding these WLP's are appreciated at any time throughout the year.

Advertisement appeared in the October 13 edition of the Discovery Islander newspaper and the October 11 edition of the Hungry Eye (Quadra Islands Community Weekly).

# QUADRA ISLAND WOODLOTS 25, 1899, 1611 – DRAFT WOODLOT LICENCE PLANS

Alex Hartford, Snarpen Contracting Limited (Mark Nighswander), and Rockview Resources Limited (John and Coleen Marlow) are holding a **public review of their draft Woodlot Licence Plans** (WLP's) for Woodlot Licence 25, Woodlot Licence 1899, and Woodlot Licence 1611.

**Woodlot Licence 25** (Alex Hartford) includes 4 parcels of crown land and 1 parcel of private land. The crown land is located in the vicinity of Home-wood (Block 1), Smith Road (Block 2), Open Bay (Block 3), and Valdez Road (Block 5). The private land is located in the vicinity of Surge Narrows (Block 4).

**Woodlot Licence 1899** (Mark Nighswander) is located in the between Mine Lake and Surge Narrows and includes both crown land and private land.

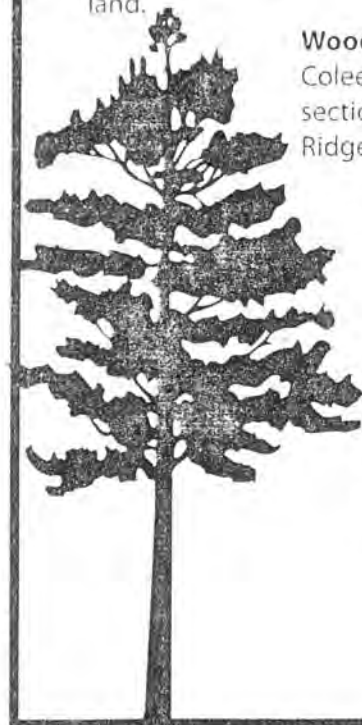
**Woodlot Licence 1611** (John and Coleen Marlow) includes 2 sections of crown land: 1) Heriot Ridge between North Gowlland Road, Hyacinth Bay Road and Thompson / Hope Spring Road, and 2) between Open Bay Creek and September Creek on either side of Valdez Road. In addition to the crown land, a small portion of private land located at Hope Spring Road is also included in WL1611.

The WLP shows the location of 'areas reserved from harvest', 'areas where harvesting will be modified', and 'general forest management areas'. The current silviculture status of land within these woodlot licences is indicated on these WLP's. **The WLP is available for review by resource agencies and the public before approval is considered by the Ministry of Forests.** Current approved operational and Management Plans will be made available for viewing at this time.

These draft WLP's are **available for review and comment for a 45 day period. An open house for public review and comment will be held on October 19, 2006 in Room 1, Quadra Island Community Hall between 4:30 pm and 8:30 pm.**

Any interested members of the public are invited to attend. Please use the south entrance when entering the building. In addition to the public viewing, copies of these WLP's are currently available at the Vancouver Island Regional Library – Quadra Island Branch or can be viewed online at [www.northislandwoodlot.com](http://www.northislandwoodlot.com) as of October 13, 2006.

To discuss these WLP's outside of the public viewing time frame, please contact Alex Hartford, WL0025 (285-3148), Mark Nighswander, WL1899 (285-3548), or John or Coleen Marlow, WL1611 (285-2544). In order to receive consideration prior to WLP approval, **comments must be received in writing by November 27, 2006** although comments regarding these WLP's are appreciated at any time throughout the year.



The **HUNGRY EYE** is published each week by Hungry Eye Publications (Carol Gray), printed on Quadra Island by Castle Printing & distributed free to Quadra mailboxes Wednesdays. The deadline is ALWAYS noon Tuesday for next-day publication. Also available online: [www.hungryeye.biz](http://www.hungryeye.biz)

**TO ADVERTISE:** Pre-pay at the Petro-Can Station (Village Square). 7 days a week! Classified ads \$5 + gst up to 40 words; 41-80 words \$15 + gst. **Max. 80 words** for classified ads. **Please count your words.** Contact Carol at 285-3834 (or email: [hungryeye@gicable.com](mailto:hungryeye@gicable.com)) for more information.

The Hungry Eye reserves the right to refuse advertising. More ads than space? Time-sensitive ads take priority.



**NEXT DEADLINE: ALWAYS NOON TUES.**

## Sign in and Comment Sheet

WOODLOT 1611 -- PUBLIC VIEWING - OCT. 19, 2006

Name	Signature	Phone# / Address (if response is required)	Comments
Brian Summers	Brian Summers	3128	thoughtfully organized
Ray Gregg	[Signature]	3298	hopefully okay <sup>concerned</sup> about S.A.D.s.
Janna Jovan	[Signature]	3762	really done maps
Ellen Russell	Ellen Russell	3140	Thank you for the excellent presentation
Rodney Sumpter	R Sumpter		Understandable Presentation
CHAS THOMPSON	[Signature]	3695	
DICK WHITTAKER	Dick Whittaker	3294	Good maps!
S. Wilson	Susan Wilson	2556	Thanks for presenting the info.
Rob Burns	[Signature]	2272	To be forwarded
Debbie Quigg	[Signature]	3710	
NORRIS WEIMER	N Weimer	205-3710	

## **APPENDIX A7 – RECORD OF REFERRALS**

## **Woodlot Licence 1899 – 2007 to 2016 Woodlot Licence Plan**

### **Referrals**

#### **Ministry of Water, land and Air Protection**

Communication with Ministry of Water, Land and Air Protection (MWLAP), (Erica McLaren, Ecosystem Biologist) on October 3, 2006. MWLAP is not reviewing Woodlot Licence Plans and does not require a copy of the WLP to be sent.

#### **Fisheries and Oceans Canada**

Complete copy of WLP delivered to DFO office in Campbell River for review.

**APPENDIX A8 – COPIES OF WRITTEN COMMENTS RECEIVED  
AND LICENSEE RESPONSE TO COMMENTS**



## Bold Point Centre Tourism Training

Interpretation, Natural - Cultural History,  
Site Development



**Bold Point Farmstay**  
Quadra Island  
British Columbia, Canada



November 29, 2006

Mr. R. Annette, District Forest Manager  
Ministry of Forests and Range  
Campbell River Region  
Campbell River, B.C.

re: Woodlot # 1899.  
Snarpen Contracting Limited  
Mark Nighswander, Owner

### 2006 Cut Plans - Review

It must be re-emphasized that since 1994 - 1995 with the Quadra Community Plan, The Forest Advisory Council, from many ministerial meetings of a local and provincial scale, Quadra Island has and holds Special Management Zone (SMZ) designation.

Such SMZ designation requires the Ministry's sub-offices to consider NON-timber values prior to a blanket permit for forestry operators, their perspectives and values.

On this note, Snarpen Contracting has indicated their plan to clear cut, down to and along Surge Narrows Road a swath of approximately 200 meters. Their argument being the forest will never reach "maturity" due to soil moisture load, winds and will more likely blow down in the next few years. Thus, they want to harvest ahead of natural forces, maximizing their economic benefit.

In discussion with Mark Nighswander of Snarpen Contracting, the approximate 200 meter strip is a very significant example of a maturing 2<sup>nd</sup> growth forest as it expresses unique characteristics and forest dynamics. The dilemma is that the proposed cut block



directly abuts to Surge Narrows Road and collides with long established SMZ Values and Objectives.

At the 2006 General Meeting of the North Island Woodlot Association, a key presentation was to expand their public education initiatives.

The forest unit, if left in tact has the potential for significant education values and opportunities well beyond a simple, easily justified (for some) cut block.

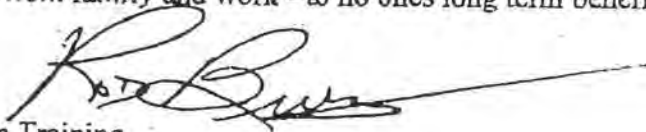
Conversely, should the road side block be cut, it will become another education opportunity that is another, long lasting example of the Forestry Industry snubbing its' own values and values shared by many others. Residents on Quadra, their guests and a growing number of Wildlife Ecotourists will have yet another clear example of a run away industry and desperate ministry.

Now is the time for the Woodlot Association to implement their 2006 Public Education initiative! The Surge Narrows strip could become an important Interpretation Site benefiting the forest industry as well as co-operating with the ever expanding Wilderness Tourism Industry - The number one, economic driver by employment and revenues on Quadra Island.

#2: A blanket criticism of the Woodlot Review process is that the total Woodlot and Forestry cut plans no longer need to go to public review, but for every 10 years. Woodlot and TFL holders no longer need to make public specific cut blocks.

In areas, such as Quadra Island, a designated SMZ, conflicts which could be worked through with on-going dialogue now can be buried in legislative laws and amendments: Diversified Communities, become polarized from needless frustrating hours of debate, heated arguments, time taken from family and work - to no ones long term benefit!

Rod Burns B.Ed. C.P.H.I.  
Bold Point Farmstay  
Bold Point Centre for Tourism Training  
Box 348 Heriot Bay B.C., VOP 1H0  
email: [bph@connected.bc.ca](mailto:bph@connected.bc.ca) phone / fax: 250 285 2272



# SNARPEN CONTRACTING LTD.

BOX 68, QUATHIASKI COVE, QUADRA ISLAND,  
BRITISH COLUMBIA, CANADA, V0P 1N0

phone (250) 285-3548  
fax (250) 285-2944

December 11, 2006

Rod Burns  
Bold Point Farmstay  
Box 348  
Heriot Bay, B.C. V0P 1H0

Dear Rod,

I'm addressing the concerns of your letter to Rory Annett, District Manager dated November 29, 2006 in regards to my Woodlot License Plan.

I think we are in agreement that Quadra Island is in a Special Management Zone (SMZ). SMZ however does not mean park.

You are correct Rod, that we no longer need to have a public review of our cut blocks. In my Woodlot License Plan I am proposing to have interested parties made aware of cut blocks along Surge Narrows Road before any harvesting begins. At that time we can discuss cutting plans on a block to block basis.

I will however make some comment on the potential opening you mentioned. Rod, I fail to see how this opening will have any more educational values than any other stand of timber on my Woodlot or the park across the road. We are discussing an area that will be less than 2 hectares perhaps a lot less. If your goal is to have no logging on Surge Narrows road that is something to take up with the Forest Service. My job is to manage the forest on a sustainable rotation on all my Woodlot, with special visual considerations along Surge Narrows road.

Allow me to quote Jim Simpson of the Forest Service in a letter to Ralph Keller dated November 30, 2000 concerning the Surge road and surrounding area.

"The Vancouver Island Land Use Plan that led to the creation of protected areas you mentioned also made the decision that the remaining lands would be managed for forestry purposes not used to buffer parks."

This Woodlot License Plan is for a 10 year period and it is my proposal to harvest no more than 15% of Surge Narrows road side in any 10 year period and only if adjacent stands are free to grow.

Rod not long ago except for Rebecca Spit we had no parks on Quadra Island. My Woodlot was part of Timberwest's T.F.L.; with the 5% take back it was then slated for small business sales (which can mean large clear cut to the lowest bidder).

The Quadra Island Forest Resource Committee applied considerable pressure on the Forest Service and Timberwest to have:

- protected areas around the lakes
- reduce the size of clear cuts
- stop the use of herbicides
- promote small scale less impacting locally run forestry
- promote Woodlots
- plus other measures

We succeeded in all this and we now have parks three times larger than the size of the protected areas we had originally asked for. We went from 2 Woodlots to 9 and Quadra now has a Special Management Zone designation.

This is a major change in handling of our forests on Quadra Island, brought about in no small way by the Forest Resources Committee. I chaired the committee for 6 years, about three quarters of the committee's life span. I believe we now have a good balance in our forests on Quadra for all user groups.

I would suggest that tourist operators market this balance and showcase the Woodlots and forestry we have here. This is our reality and it's well worth selling, instead of trying to display a wilderness that does not exist. It is time to move on to the careful tending of our working forest.

Sincerely,



Mark Nighswander

**Mark Nighswander**

---

**From:** "Coast Mountain Expeditions telus account" <coastmtn@island.net>  
**To:** <snarpen@telus.net>  
**Sent:** Friday, December 01, 2006 9:18 AM  
**Subject:** Fw: comments on your woodlot

Hi Mark,  
I seem to be having some problems with people opening attachments so in case you weren't able to open the last email I sent you, here it is in the body of the email.

Thanks,

Ralph

Ralph & Lannie Keller  
Coast Mountain Expeditions  
Box 25 Surge Narrows, BC V0P 1W0  
250-285-2823  
[www.CoastMountainExpeditions.com](http://www.CoastMountainExpeditions.com)  
[www.Discovery-Islands-Lodge.com](http://www.Discovery-Islands-Lodge.com)

---

To:

Mark Neighswander,  
Snarpen contracting,  
Quadra Island BC

Re Forest Stewardship Plan for your Woodlot

Dear Mark,

This letter is a response to the call for comment on the forest stewardship plans for your woodlot on North Quadra Island.

I was unable to attend the open house on Quadra. I was informed that I could get the information from the North Island Woodlot Association website. I went to the website and printed out the particulars concerning your woodlot but was unable to find any information about future cut block or management plans which could effect the scenic qualities of the area. If a detailed plans exists, perhaps you could direct me to it.

In general, I am supportive of your efforts to conduct good forestry on your woodlot. I am sure that within the parameters of conventional forestry, you are an outstanding forest steward.

As you know, my primary concerns are the scenic qualities of the drive along Surge Narrows road. The terminus of that road provides access not only to our operation, but to other outer island residents and tourism facilities as well. The end of the road is also the access point for the Surge Narrows Marine Park trail. Both the road and the trail are well used by summer visitors and Island residents, not the least being our operation at Discovery Islands lodge. Literally thousands of people drive the road each summer, attracted by Main Lakes Provincial Park, Surge Narrows Marine Park and of course, the highly

12/3/2006

scenic drive along the road. The community dock at the end of Surge Narrows road is also a popular put-in site for sea kayakers and whitewater paddlers.

It is my contention that tourism is the largest, and fastest growing part of the Quadra Island economy and it continues to be the island's largest employer. These Islands are among the most spectacular rainforested islands in the world. The mature timber along our forested roads and trails are an essential part of the island's "mystic" which attracts so many visitors. Many local businesses are directly, or indirectly dependent on the wilderness qualities they have to offer. They are also much enjoyed by local residents. I'm sure you can agree that roadsides lined with mature timber are a rare find on Vancouver Island. Unless protected, mature timber is cut—sooner or later. Also, with ever increasing activity on the water, viewsheds from our channels and waterways are equally important.

It is unfortunate that some portion of the east side of Surge Narrows road, opposite the park was not set aside at the time of it's creation. It makes little sense to have invested in the scenic values of the area by creating a park without protecting both sides of the road. Clearly, the vast majority of people who visit the park see it only from the road. In fact, most people never venture far off it.

I realize that protecting our viewsheds will negatively impact your business. However, I hasten to point out that there are many places throughout BC which are not as prized by visitors (and local residents), which do not generate the substantial tourism revenue that the Discovery Islands do. In view of this, I am appealing to your greater sense of community to protect our economic diversity and protect the incredible forested drive along Surge Narrows Rd. Clear cutting to the edges of the Surge Narrows road will be your economic gain, but the tourism sector's lasting economic loss. I know that you have significant existing constraints on your woodlot and I don't enjoy making the suggestion that we add even more.

As per our discussion some years ago, I will formally ask Rory Annett, Campbell River District Manager, if he can arrange to delete a portion of land along the road from your woodlot in exchange for land elsewhere. I think there is an opportunity here to for everyone to win but clearly, not without the help of the Ministry of Forests. As I understand it, a significant amount of timber along the road is already exempted from logging as part of the original woodlot agreement. I don't think there would have to be a significant loss of the forest land base to accomplish this. I believe also that there is untenured crown forest land adjacent to, or near your woodlot. I can imagine that you might be just as happy not to have to log in contentious areas. I am happy to discuss this with you at any time.

Thanks for this opportunity to comment and I hope my points will be considered as you develop your management plans.

Sincerely,

Ralph Keller,

Coast Mountain Expeditions, Discovery Islands Lodge

c.c. Rory Annett

PS hard copy will follow by post

12/3/2006



# SNARPEN COI TRACTING LTD.

BOX 68, QUATHIASKI COVE, QUADRA ISLAND,  
BRITISH COLUMBIA, CANADA, V0P 1N0

phone (250) 285-3548  
fax (250) 285-2944

December 11, 2006

Ralph & Lannie Keller  
Coast Mountain Expeditions  
Box 25 Surge Narrows  
B.C. V0P 1W0

Dear Ralph,

Thank you for your response to my Woodlot License Plan on December 1, 2006.

The new Woodlot License Plans as opposed to the old Forest Development Plans do not include cut blocks. These are shown at the cutting permit stage and they do not require public viewing.

It is a proposal in my Woodlot License Plan to have all cut blocks that are along the Surge Narrows road brought to the awareness of interested parties before harvesting begins; you of course are included in this. At this time we can see how we can best try and accomplish both our goals on a block by block basis.

I agree with you Ralph that the Surge Narrows road is a beautiful drive. It will be a challenge to log along this road and maintain the characteristics it now has. At the same time it is not my intention to try and hide logging but to try and showcase forestry at it's best under these circumstances. This Woodlot License Plan is for a 10 year period ; it is my proposal to harvest no more than 15% of Surge Narrows road in any 10 year span and only if adjacent stands are free to grow.

As to Woodlot 1899 viewed from the ocean I believe the large reserve along the water has removed any visual concerns.

Ralph, while I understand your concerns about maintaining wilderness for Discovery Islands Lodge I'd like to bring your attention to the letters from Jim Simpson: Woodlot Forester and Darcy Yule acting District Manager both point out to you the conditions for changing the zoning from aquaculture to tourism

for your kayak lodge at the end of Surge Narrows road and I quote from Darcy Yule, December 12, 2000 letter to Gordon Smaill Land Officer :

“we wish to minimize the risks of incompatibility, and therefore, will require the applicant's (you) acknowledgement and acceptance of following conditions

Timber harvesting, logging roads and forest management will occur on lands in and around the application area.”

The second quote comes from Jim Simpson in a letter to you dated November 30, 2000 :

“The Vancouver Island land use plan that led to the creation of protected areas you mentioned also made the decision that the remaining lands would be managed for forestry purposes not used to buffer parks.”

It must be remembered Ralph that not too many years ago that all this area around Surge Narrows road was Timberwest TFL and there were no parks. Things have changed dramatically , I think to the better for all of Quadra Island. I believe we have a good balance and I don't think we can keep moving the goal posts.

I will be applying a great deal of care and attention to my logging on Surge Narrows road but there will be logging.  
Unfortunately Ralph the crown land adjacent to my Woodlot has been awarded to the Cape Mudge Band so a land trade here is no longer possible.

Thanks again for your letter Ralph.

Sincerely,



Mark Nighswander

## Quadra Island Forest Watch

Box 487, Heriot Bay, VOP 1H0. Phone: 285-2663. Fax: 285-2922

November 26, 2006

Snarpen Contracting Limited  
Box 68  
Quathiaski Cove, B.C.  
VOP 1N0

Dear Mark:

RE: WOODLOT LICENCE W 1899  
WOODLOT LICENCE PLAN – JANUARY 1, 2007 TO DECEMBER 31, 2016

The new Woodlot Licence Plans are for a term of 10 years and therefore legally this will be the only opportunity for the public to comment on your woodlot's logging plans for many years to come. As you are aware, the new plans contain no information as regards the future location of cutblocks and roads, making it challenging for meaningful public input to occur. As you are aware Quadra Islanders and organizations such as Forest Watch, Sierra Club, Quadra Island Trails Committee have for many years now been actively involved with commenting on forestry issues on Quadra's crown lands. Even the Forest Practices Board has noted that public involvement has been high here compared to many other areas of the province. The Woodlot program on Quadra and the Management Plans of the Woodlot Licensees all committed to involving the public in their logging plans. Your management plan reinforces this concept and goes on to state "The Licensee will actively solicit input from the public regarding activities at Woodlot Licence 1899. Open lines of communication will be maintained between the licensee, specific interest groups, first nations, adjacent property owners, as well as the general public on Quadra Island". We believe that the woodlot licensees should continue to keep the public informed of their plans and request that all site level plans be posted on your website and that all interested parties and organizations should be notified allowing time for input.

### ADVERTISING

It would have been helpful to have placed the Licensees mailing and e-mail addresses in the ad for written submissions. Unfortunately the intended 45 day review period did not occur as the maps were not available on the website or in the library until after the open house.

### HIGHER LEVEL PLANS/GOVERNMENT OBJECTIVES

The Recreation Resource Features and the establishment of Recreation Sites and Trails should be noted.



## AREAS WHERE TIMBER HARVESTING WILL BE MODIFIED

- Table 2 – For Surge Narrows Road, the purpose should include visual landscape management as viewed from Mine Lake.
- As the definitions for retention and partial retention as outlined in the Forest Planning and Practices Regulations are very subjective – “difficult to see”, “small in scale”, “easy to see” – the strategies and results should be clearly outlined. Stating that “cutblocks will be small in size, carefully placed, and, providing the ground is stable, strategically located trees will be maintained to minimize the visual impact of forest harvesting” are not clear and measurable. Also, as tourism operators are concerned about the visuals along this road they should be part of your public consultation process.
- The Riparian Management Area: We feel that stating that “All RMZs will be assessed site specifically and appropriate leave tree strategies will be developed for each situation” is not giving the public a clear understanding of what results to expect in these areas. Will there be machine free zones, will valuable wildlife trees be identified and saved, will understory vegetation be protected etc.? How will small-unclassified wetlands be treated and the management zones of S6 streams?

## WILDLIFE TREE RETENTION STRATEGY

- You note here that your permanent reserves occupy 11% of Woodlot Licence 1899. On page 7 it states that the proportion of the Woodlot Licence area that is occupied by wildlife tree retention areas can be a) the proportion specified for the area in a higher-level plan, or b) the proportion specified in a WLP, or 8%. Why then do you choose the default 8% on page 11? I assume this default applies to all woodlots through out the province and therefore a woodlot located in a SMZ would have a higher percentage higher than the default, especially as you already have a higher amount permanently reserved. We feel you should at least commit to the 11%.
- Other woodlots have already more than 11% in reserves along with other restrictions but are still committing to putting more reserves in to protect small wetland areas, winter range etc. It is not clear if you will also be doing this.
- In your Management Plan you state that there are numerous dry, shallow sites with low productivity, dead-standing and down trees, vertical diversity and veteran Douglas fir trees present in the woodlot licence areas. Such areas and wet spots are prime candidates for the establishment of biodiversity reserves, which will be marked and permanently reserved.” Other than the 3 reserves your maps are not showing any other WTPs or reserves. Have you not established any other reserves through out your woodlot as committed to in your Management Plan? We don’t see a clear strategy in your plan to accomplish this.
- Under 2.7.2 Wildlife Tree Retention Areas a Table 3 is referred to however it is not supplied in your plan. If no such table was produced it should be to outline the biodiversity function and values of the wildlife trees in each reserve.

## RESOURCE FEATURES

The overall objective of not damaging or rendering ineffective a resource feature is stated, however once again no strategy is given. It is important to minimize the impact of harvesting activities on these features so what are your strategies for accomplishing this?

In conclusion, we would once again like to reiterate that we understand that a WLP should specify intended results or strategies. A "result" is defined as "a description of *measurable or verifiable outcomes* in respect of a particular established objective" A "strategy" is defined as a "description of *measurable or verifiable steps or practices* that will be carried out in respect of a particular established objective". We feel that your plan does not do this.

We look forward to your response.

Yours truly,

Judy Leicester

Quadra Island Forest Watch  
Box 487  
Heriot Bay, BC  
V0P 1H0

January 10, 2007

Attn.: Judy Leicester

Re: Woodlot License W1899, 2007-2016 Woodlot Licence Plan

Please find the attached comments in response to the Quadra Island Forest Watch letter dated November 26, 2006 in regards to the draft 2007 to 2016 Woodlot Licence Plan (WLP) for Woodlot Licence W1899. I appreciate your time committed to reviewing this WLP.

#### **ADVERTISING**

As per section 17 of the Woodlot Licence Planning and Practices Regulation (WLPPR), WLP's must be available for a period of 30 days from the first date of publication. To improve opportunities for members of the public to comment on this WLP, an additional 2 weeks has been provided for comments. Although the maps and WLP were not posted on the North Island Woodlot Association website or provided in the library until the public review open house (October 19), members of the public were provided with >30 days to review the information online or at the library and anytime before the open house, members of the public were able to contact myself to discuss the plan or to review the maps. Therefore, a full 45 day public review did in fact occur although only 30 days was required.

#### **HIGHER LEVEL PLANS / GOVERNMENT OBJECTIVES**

A reference to the establishment of 'Recreation Resource Features' and the establishment of recreation sites and trails has been added to Section 2-3, Higher Level Plans.

#### **AREAS WHERE TIMBER HARVESTING WILL BE MODIFIED**

- Table 2 (Areas Where Timber Harvesting Will be Modified) has been revised to include a reference to visual management as viewed from Mine Lake.
- Partial Retention and Retention definitions – the legal definitions of these 'Visual Quality Classes' are provided in the draft WLP text and these definitions are sufficient for visual landscape management as viewed from the marine environment (long viewing distance). Landscape management along Surge Narrows Road is more challenging as definitions designed for long viewing distances often don't apply when you are directly adjacent to a harvest area along a roadside. To provide you with a more 'clear and measurable' definition, the following criteria will also guide my operations along Surge Narrows Road. This WLP is for a 10 year period; it is my proposal to harvest no more than 15% of the forests along Surge Narrows Road in any 10 year span and harvesting will only occur if adjacent stands are free growing.
- As to WL W1899 as viewed from the ocean, I believe the large reserve along the water has removed any visual concerns.
- Your concern with lack of site specific information in regards to Riparian Management Areas (RMA's) is understood, yet each of these features must be assessed site specifically to arrive at the most appropriate management strategy for these areas. Sections 39 and 40 of the WLPPR clearly outlines activities not permitted in Riparian Management and Reserve Zones, and I have accepted the 'Default Performance Standard' of this legislation.

## WILDLIFE TREE RETENTION STRATEGY

**Default Retention Levels** – The default performance requirement of 8% is simply the minimum level of permanent reserves legally required at Woodlot Licences. As indicated in the WLP, 11% of Woodlot Licence W1899 is already included in a permanent reserve. Once this WLP is approved, the permanent reserves on the WLP cannot be substantially altered without an amendment to the WLP (and public review). These reserves are planned for permanent retention and there are no plans to alter these reserves in any way.

**Management Plan Commitments** – The Management Plan for WL W1899 commits to establishing additional reserves with the Woodlot Licence area and since this Woodlot Licence was issued, two permanent reserves have been established and the Bold Point Reserve has been modified. The Woodlot Licence area now has a greater area in permanent reserve than required by regulation. In addition, all old growth trees are reserved at WL W1899 and most blocks will have some level of tree retention prescribed. Additional permanent reserves may be established in the Woodlot Licence area at some point in the future although no specific areas have been identified at present.

**Table 3** – Table 3 (Wildlife Tree Retention Areas) has been added to the final WLP.

**RESOURCES FEATURES** – Resource Features are defined in section 5 of the 'Government Actions Regulation' (GAR – copy attached FYT) and, specific to Woodlot Licence W1899, would include the following

- karst / cave features
- interpretive forest sites, trails, etc.
- other recreational features

This section of the WLP primarily deals with forest operations around the Bold Point Trail. As this Resource Feature is completely contained within a permanent reserve, there is no concern with damaging or rendering ineffective this feature.

Despite your concerns, objectives contained in this WLP are both measurable and verifiable. Objectives such as reforestation (species, density, height), riparian reserves (distances), retention area (hectares), permanent access (area), and soil disturbance (percentage) can all clearly be measured. Other objectives such as visual landscape management and recreation feature management can also be measured although the criteria are somewhat subjective and open to interpretation. I hope that I have clarified several of my management strategies at Woodlot Licence W1899 for the management of these more subjective resource values.

Once again, thanks to Quadra Island Forest Watch for taking the time to review this Woodlot Licence Plan and for providing comments. Please feel free to contact me at any time to discuss forest management activities at my Woodlot Licence.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited

cc: Jim Simpson, Woodlot Coordinator, Ministry of Forests, Campbell River Forest District

**APPENDIX A9 – REVISIONS MADE AS A RESULT OF  
COMMENTS RECEIVED**

## REVISIONS MADE AS A RESULT OF COMMENTS RECEIVED

The following revisions have been made to the 2007-2016 Woodlot Licence Plan for Woodlot Licence W1899 as a result of comments received. Four letters have been received in regards to the WLP; 1) Quadra Island Forest Watch, 2) Bold Point Farmstay (Rod Burns), 3) Ralph and Lannie Keller (e-mail), 4) Ministry of Forests (e-mail).

### Revisions:

1. A reference to the Ministry of Forests creation of 'Recreation Resource Features (establishment of recreation sites and trails)' has been added to Section 2-3 of this WLP.
2. Table 2 – 'Areas Where Timber Harvesting Will be Modified', has been revised to update the total area of the Woodlot Licence affected as a result of Visual Quality Class boundaries.
3. Section 2-5 (Valdez Road) – Additional strategy provided in regards to harvest planning along Valdez Road for visual landscape management.
4. Section 2-5 'Areas Where Timber Harvesting Will Be Modified – Visual Landscape Management Areas', has been revised to indicate that the WLPPR adopts the Visual Quality Class definitions from the Forest Planning and Practices Regulation.
5. Riparian Reserve Zones have been moved from Section 4 ('Areas Where Timber Harvesting Will Be Avoided') to Section 5 ('Areas Where Timber Harvesting Will be Modified').
6. Section 2-6 revised to add a commitment to work with affected First Nations in regards to access to traditionally used plants.
7. Section 2-6 revised to add a process for First Nations Consultation should evidence of traditional use be discovered during operations.
8. Section 2-6 revised to add a commitment in regards to information sharing with affected First Nations if requested following approval of this WLP.
9. Section 2-6 revised to add a commitment to working with First Nations, major licensees, and the Ministry of Forests to develop a cedar strategy in the next year or two.
10. Section 2-6 revised to add a commitment to working with First Nations in regards to provision of opportunities for Monumental Cedar for traditional and cultural purposes.
11. Section 2.7 – Table 3 added to provide clarity on forest cover attributes within Wildlife Tree Retention Areas.
12. Section 2.7.1 – Additional information provided to describe selection criteria for Wildlife Trees.
13. Section 2-8 revised to include a commitment to use clean gravel / rock for road building operations.
14. Section 2.11.4 - Reference to website link for stocking standards has been removed from the WLP.
15. Section 2-5 – Surge Narrows Road – Added commitment to contact affected members of the public in regards to visual impacts of harvesting along Surge Narrows Road.

## **APPENDIX A10 – SUMARY OF FIRST NATION CONSULTATION**

Snarpen Contracting Limited  
Box 68  
Quathiaski Cove, B.C.  
V0P 1N0

October 13, 2006

Chief Robert Pollard and Council  
Campbell River First Nation  
1400 Weiwiakum Road  
Campbell River, B.C.  
V9W 5W8

Attn.: Dean Drake , Corby Lamb

Re: Woodlot 1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the 2007-2017 Woodlot Licence Plan (WLP) for Woodlot License 1899 on Quadra Island was submitted on today's date to the Ministry of Forests in Campbell River for review and comment and subsequently for Ministry of Forests determination. A copy of this WLP is attached for your review. A copy of this WLP was also delivered to the Hamatla Treaty Society for review and comment. As Woodlot 1899 is located within the traditional territory of the Campbell River First Nation, any direct comments from the Campbell River First Nation regarding aboriginal interests or traditional uses of the area would be greatly appreciated.

Woodlot 1899 is located on Quadra Island in the vicinity of Surge Narrows and has been in operation for 8 years. This is the first WLP for the area following two Forest Development Plans (FDP's). The WLP indicates areas where 'harvesting will be avoided', area where 'harvesting will be modified, and 'general forestry areas'. In addition, the current silviculture status of all openings is presented on the WLP maps.

The public review period is complete on November 27, 2006 at which time an application for approval of this WLP will be submitted for determination. Any comments regarding traditional use of these areas by the Campbell River First Nation will be included with the final FDP submission. Comments will also be considered at any time before and after the submission date.

I will be contacting you for a meeting to discuss this WLP as well as trying to coordinate a meeting through the Hamatla Treaty Society. Should you have any questions regarding this plan or would like a meeting or field tour please feel free to contact me at any time.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited  
Woodlot Licence 1899



January 10, 2007

Chief Robert Pollard and Council  
Campbell River First Nation  
1400 Weiwiakum Road  
Campbell River, B.C.  
V9W 5W8

Attn.: Dean Drake , Corby Lamb

Re: WL1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the final submission of the 2007-2016 Woodlot Licence Plan (WLP) for Woodlot Licence W1899 has been submitted to the Ministry of Forests for determination. This FDP was originally submitted on October 13, 2006 and a copy of the WLP was dropped off to the Campbell River Band office at that time.

This draft WLP was discussed (Corby Lamb) via telephone on several occasions. Please note that at Woodlot Licence W1899 there is a general policy that all old growth of all species are reserved from harvest which significantly reduces any risk of any culturally modified trees (CMT's) being affected by woodlot management activities. Although WLP determination is anticipated in the near future, we would appreciate any comments you may have and we would be willing to meet at any time if requested. It is hoped that this WLP will be approved before the end of January, 2007.

Please feel free to contact me at any time should you have any comments or questions regarding this WLP.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited

cc: Jim Simpson, Woodlot Licence Coordinator, Campbell River Forest District

Snarpen Contracting Limited  
Box 68  
Quathiaski Cove, B.C.  
V0P 1N0

October 13, 2006

Chief Ralph Dick and Council  
Cape Mudge First Nation  
P.O. Box 220  
Quathiaski Cove, B.C.  
V0P 1N0

Attn.: Ted Lewis

Re: Woodlot 1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the 2007-2017 Woodlot Licence Plan (WLP) for Woodlot License 1899 on Quadra Island was submitted on today's date to the Ministry of Forests in Campbell River for review and comment and subsequently for Ministry of Forests determination. A copy of this WLP is attached for your review. A copy of this WLP was also delivered to the Hamatla Treaty Society for review and comment. As Woodlot 1899 is located within the traditional territory of the Cape Mudge First Nation, any direct comments from the Cape Mudge First Nation regarding aboriginal interests or traditional uses of the area would be greatly appreciated.

Woodlot 1899 is located on Quadra Island in the vicinity of Surge Narrows and has been in operation for 8 years. This is the first WLP for the area following two Forest Development Plans (FDP's). The WLP indicates areas where 'harvesting will be avoided', area where 'harvesting will be modified, and 'general forestry areas'. In addition, the current silviculture status of all openings is presented on the WLP maps.

The public review period is complete on November 27, 2006 at which time an application for approval of this WLP will be submitted for determination. Any comments regarding traditional use of these areas by the Cape Mudge First Nation will be included with the final FDP submission. Comments will also be considered at any time before and after the submission date.

I will be contacting you for a meeting to discuss this WLP as well as trying to coordinate a meeting through the Hamatla Treaty Society. Should you have any questions regarding this plan or would like a meeting or field tour please feel free to contact me at any time.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited  
Woodlot Licence 1899

January 9, 2007

Chief Ralph Dick and Council  
Cape Mudge First Nation  
P.O. Box 220  
Quathiaski Cove, B.C.  
V0P 1N0

Attn.: Ted Lewis

Re: WL1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the final submission of the 2007-2016 Woodlot Licence Plan (WLP) for Woodlot Licence W1899 has been submitted to the Ministry of Forests for determination. This FDP was originally submitted on October 13, 2006 and a copy of the WLP was dropped off to the Cape Mudge Band office at that time.

This WLP was briefly discussed via telephone on October 25, 2006 where you have indicated that WLP referrals are generally handled by the Hamatla Treaty society. Please note that at Woodlot Licence W1899 there is a general policy that all old growth trees of all species are reserved from harvest which significantly reduces any risk of any culturally modified trees (CMT's) being affected by woodlot management activities. Although WLP determination is anticipated in the near future, any comments from Cape Mudge would be appreciated and I would be willing to meet at any time if requested. It is hoped that this WLP will be approved before the end of January, 2007.

Please feel free to contact me at any time to should you have any comments or questions regarding this WLP.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited

Snarpen Contracting Limited  
Box 68  
Quathiaski Cove, B.C.  
V0P 1N0

October 13, 2006

Chief Earnest Hardy and Council  
Comox First Nation  
3320 Comox Road  
Courtenay, B.C.  
V9N 3P8

Attn.: Ron Frank

Re: Woodlot 1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the 2007-2017 Woodlot Licence Plan (WLP) for Woodlot License 1899 on Quadra Island was submitted on today's date to the Ministry of Forests in Campbell River for review and comment and subsequently for Ministry of Forests determination. A copy of this WLP is attached for your review. A copy of this WLP was also delivered to the Hamatla Treaty Society for review and comment. As Woodlot 1899 is located within the traditional territory of the Comox First Nation, any direct comments from the Comox First Nation regarding aboriginal interests or traditional uses of the area would be greatly appreciated.

Woodlot 1899 is located on Quadra Island in the vicinity of Surge Narrows and has been in operation for 8 years. This is the first WLP for the area following two Forest Development Plans (FDP's). The WLP indicates areas where 'harvesting will be avoided', area where 'harvesting will be modified, and 'general forestry areas'. In addition, the current silviculture status of all openings is presented on the WLP maps.

The public review period is complete on November 27, 2006 at which time an application for approval of this WLP will be submitted for determination. Any comments regarding traditional use of these areas by the Comox First Nation will be included with the final FDP submission. Comments will also be considered at any time before and after the submission date.

I will be contacting you for a meeting to discuss this WLP as well as trying to coordinate a meeting through the Hamatla Treaty Society. Should you have any questions regarding this plan or would like a meeting or field tour please feel free to contact me at any time.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited  
Woodlot Licence 1899

January 9, 2007

Chief Earnest Hardy and Council  
Comox First Nation  
3320 Comox Road  
Courtenay, B.C.  
V9N 3P8

Attn.: Ron Frank

Re: Woodlot Licence W1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the final submission of the 2007-2016 Woodlot Licence Plan (WLP) for Woodlot Licence W1899 has been submitted to the Ministry of Forests for determination. This FDP was originally submitted on October 13, 2006 and a copy of the WLP was sent to the Comox Band office at that time.

This WLP was briefly discussed via telephone on October 25, 2006 where you have indicated that WLP referrals are generally handled by the Hamatla Treaty society and no written comments would be sent. Please note that at Woodlot Licence W1899 there is a general policy that all old growth trees of all species are reserved from harvest which significantly reduces any risk of any culturally modified trees (CMT's) being affected by woodlot management activities. Although WLP determination is anticipated in the near future, any comments you may have would be appreciated at any time and I would be willing to meet at any time if requested. It is hoped that this WLP will be approved before the end of January, 2007.

Please feel free to contact either myself at any time to should you have any comments or questions regarding this WLP.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited

cc: Jim Simpson, Woodlot Coordinator, Ministry of Forests, Campbell Forest District

Snarpen Contracting Limited  
Box 68  
Quathiaski Cove, BC  
V0P 1N0

October 13, 2006

Council of Chiefs  
Hamatla Treaty Society  
1441 Old Island Highway  
Campbell River, B.C.  
V9W 2E3

Attn.: Art Wilson

Re: WL1899 Woodlot Licence Plan

Dear Council of Chiefs:

Please be advised that the 2007-2017 Woodlot Licence Plan (WLP) for Woodlot License 1899 on Quadra Island was submitted on today's date to the Ministry of Forests in Campbell River for review and comment and subsequently for Ministry of Forests determination. A copy of this WLP was also delivered to Cape Mudge First Nation, Campbell River First Nation, Comox First Nation, Homalco First Nation, and the Klahoose First Nation. A copy of this WLP is attached for your review. As Woodlot 1899 is located within the traditional territory of the First Nations included in the Hamatla Treaty Society, any direct comments from Hamatla regarding aboriginal interests or traditional uses of the area would be greatly appreciated.

Woodlot 1899 is located on Quadra Island and has been in operation for 8 years. This is the first WLP for the area following two Forest Development Plans (FDP's). The WLP indicates areas where 'harvesting will be avoided', area where 'harvesting will be modified, and 'general forestry areas'. In addition, the current silviculture status of all openings is presented on the WLP maps.

The public review period is complete on November 27, 2006 at which time an application for approval of this WLP will be submitted for determination. Any comments regarding traditional use of these areas by First Nations included in the Hamatla Treaty Society will be included with the final FDP submission. Comments will also be considered at any time before and after the submission date.

I will be contacting you for a meeting to discuss this WLP. Should you have any questions regarding this plan or would like a meeting or field tour please feel free to contact me at any time.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited  
Woodlot Licence 1899

January 9, 2007

Council of Chiefs  
Hamatla Treaty Society  
1441 Old Island Highway  
Campbell River, B.C.  
V9W 2E3

Attn.: Art Wilson

Re: Woodlot Licence W1899 Woodlot Licence Plan

Dear Council of Chiefs:

Please be advised that the final submission of the 2007-2016 Woodlot Licence Plan (WLP) for Woodlot Licence W1899 has been submitted to the Ministry of Forests for determination. This FDP was originally submitted on October 13, 2006 and a copy of the WLP was dropped off to the Hamatla Treaty Society office at that time.

The Hamatla Treaty Society office was called on several occasions to discuss this WLP with yourself but to date we have been unable to meet or to discuss this WLP on the telephone. Please note that at Woodlot Licence W1899 there is a general policy that all old growth trees of all species are reserved from harvest which significantly reduces any risk of any culturally modified trees (CMT's) being affected by woodlot management activities. Although WLP determination is anticipated in the near future, any comments Hamatla may have would be appreciated at any time and I would be willing to meet at any time if requested. It is hoped that this WLP will be approved before the end of January, 2007.

Please feel free to contact me at any time should you have any comments or questions regarding this WLP.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited

cc: Jim Simpson, Woodlot Coordinator, Ministry of Forests, Campbell River Forest District

Snarpen Contracting Limited  
Box 68  
Quathiaski Cove, B.C.  
V0P 1N0

October 13, 2006

Chief Darren Blaney and Council  
Homalco First Nation  
1218 Bute Crescent  
Campbell River, B.C.  
V9H 1G5

Attn.: Corby Lamb

Re: Woodlot 1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the 2007-2017 Woodlot Licence Plan (WLP) for Woodlot License 1899 on Quadra Island was submitted on today's date to the Ministry of Forests in Campbell River for review and comment and subsequently for Ministry of Forests determination. A copy of this WLP is attached for your review. As Woodlot 1899 is located within the traditional territory of the Homalco First Nation, any direct comments from Homalco regarding aboriginal interests or traditional uses of the area would be greatly appreciated.

Woodlot 1899 is located on Quadra Island in the vicinity of Surge Narrows and has been in operation for 8 years. This is the first WLP for the area following two Forest Development Plans (FDP's). The WLP indicates areas where 'harvesting will be avoided', area where 'harvesting will be modified, and 'general forestry areas'. In addition, the current silviculture status of all openings is presented on the WLP maps.

The public review period is complete on November 27, 2006 at which time an application for approval of this WLP will be submitted for determination. Any comments regarding traditional use of these areas by the Homalco First Nation will be included with the final FDP submission. Comments will also be considered at any time before and after the submission date.

I will be contacting you for a meeting to discuss this WLP. Should you have any questions regarding this plan or would like a meeting or field tour please feel free to contact me at any time.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited  
Woodlot Licence 1899



December 8, 2006

Chief Darren Blaney and Council  
Homalco First Nation  
1218 Bute Crescent  
Campbell River, B.C.  
V9H 1G5

Attn.: Corby Lamb

Re: WL1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the final submission of the 2007-2016 Woodlot Licence Plan (WLP) for Woodlot Licence W1899 has been submitted to the Ministry of Forests for determination. This FDP was originally submitted on October 13, 2006 and a copy of the WLP was dropped off to the Homalco Band office at that time.

This WLP was briefly discussed via telephone and your letter dated December 6, 2006 is appreciated. Please note that at Woodlot Licence W1899 there is a general policy that all old growth trees of all species are reserved from harvest which significantly reduces any risk of any culturally modified trees (CMT's) being affected by woodlot management activities. Although WLP determination is anticipated in the near future, any comments from Homalco First nation would be appreciated at any time and I would be willing to meet at any time if requested. It is hoped that this WLP will be approved before the end of January, 2007.

Please feel free to contact me at any time to should you have any comments or questions regarding this WLP.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited

cc: Jim Simpson, Woodlot Coordinator, Ministry of Forests, Campbell River Forest District

Snarpen Contracting Limited  
Box 68  
Quathiaski Cove, B.C.  
V0P 1N0

October 13, 2006

Chief Duane Hansen and Council  
Klahoose First Nation  
Box 9  
Squirrel Cove, B.C.  
V0P 1K0

Attn.: Kathy Francis

Re: Woodlot 1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the 2007-2017 Woodlot Licence Plan (WLP) for Woodlot License 1899 on Quadra Island was submitted on today's date to the Ministry of Forests in Campbell River for review and comment and subsequently for Ministry of Forests determination. A copy of this WLP is attached for your review. As Woodlot 1899 is located within the traditional territory of the Klahoose First Nation, any direct comments from Klahoose regarding aboriginal interests or traditional uses of the area would be greatly appreciated.

Woodlot 1899 is located on Quadra Island in the vicinity of Surge Narrows and has been in operation for 8 years. This is the first WLP for the area following two Forest Development Plans (FDP's). The WLP indicates areas where 'harvesting will be avoided', area where 'harvesting will be modified, and 'general forestry areas'. In addition, the current silviculture status of all openings is presented on the WLP maps.

The public review period is complete on November 27, 2006 at which time an application for approval of this WLP will be submitted for determination. Any comments regarding traditional use of these areas by the Klahoose First Nation will be included with the final FDP submission. Comments will also be considered at any time before and after the submission date.

I will be contacting you for a meeting to discuss this WLP. Should you have any questions regarding this plan or would like a meeting or field tour please feel free to contact me at any time.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited  
Woodlot Licence 1899

January 9, 2007

Chief Duane Hansen and Council  
Klahoose First Nation  
Box 9  
Squirrel Cove, B.C.  
V0P 1K0

Attn.: Kathy Francis

Re: Woodlot Licence W1899 Woodlot Licence Plan

Dear Chief and Councilors:

Please be advised that the final submission of the 2007-2016 Woodlot Licence Plan (WLP) for Woodlot Licence W1899 has been submitted to the Ministry of Forests for determination. This FDP was originally submitted on October 13, 2006 and a copy of the WLP was sent to the Klahoose Band office at that time.

This WLP was briefly discussed via telephone on October 25, 2006 and your letter dated October 26, 2006 is appreciated. Please note that at Woodlot Licence W1899 there is a general policy that old growth trees of all species are reserved from harvest which significantly reduces any risk of any culturally modified trees (CMT's) being affected by woodlot management activities. Although WLP determination is anticipated in the near future, any comments you may have would be appreciated at any time and I would be willing to meet at any time if requested. It is hoped that this WLP will be approved before the end of January, 2007.

Please feel free to contact myself at any time to should you have any comments or questions regarding this WLP.

Yours Truly;

Mark Nighswander  
Snarpen Contracting Limited

cc: Jim Simpson, Woodlot Coordinator, Ministry of Forests, Campbell River Forest District

## **APPENDIX A11 – EXEMPTIONS**