

WOODLOT LICENCE # W2001

WOODLOT LICENCE PLAN

2023 to 2033

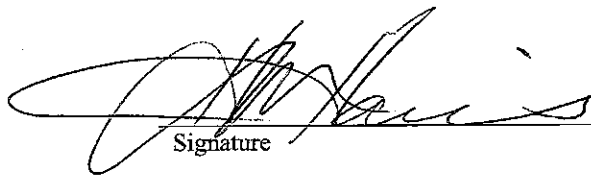
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Signature

July 27, 2023

Date

DISCLAIMER

This disclaimer forms part of the Woodlot Licence Plan (WLP) for Woodlot Licence # W2001 and advises that:

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



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I. WOODLOT LICENCE PLAN (WLP) REQUIRED CONTENT

PLAN AREA

This plan covers the entire Woodlot Licence area.

MAP AND INFORMATION

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

* N/A is “not applicable” as these features are not within or do not apply to W2001.

BIOGEOCLIMATIC ZONES AND SUBZONES

- The woodlot licence area is comprised of the following biogeoclimatic subzones: Coastal Western Hemlock Very Dry Maritime, Western variant (CWHxm2) and the Coastal Western Hemlock Moist Maritime Submontane variant (CWHmm1).

RESOURCE MANAGEMENT ZONES, LANDSCAPE UNITS OR SENSITIVE AREAS

- The entire woodlot licence area is within the

- **Vancouver Island Land Use Plan (VILUP)** Management Zone 31 which is designated as “General Management”. There are no VILUP objectives applicable to this Woodlot Licence Plan.
- **Sayward Landscape Unit Plan:**

The SLUP objectives were legally established under the *ORDER TO ESTABLISH A LANDSCAPE UNIT AND OBJECTIVES SAYWARD LANDSCAPE UNIT* July 1, 2003. Established legal objectives can be found here:
https://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/natural-resource-use/land-water-use/crown-land/land-use-plans-and-objectives/legal-orders/campbellriver_lu_sayward_fpc_1jul2003.pdf

The results and strategies to meet the SLUP higher level plan objectives that are applicable to W2001 are as follows:

Objective 1:

Result: There are Two OGMA's established within W2001 that completely overlap with Ungulate Winter Range as shown on the WLP map. See Areas Where Timber Harvesting Will be Avoided, below.

Objective 2:

Strategy: The Woodlot Licence holder will retain wildlife tree retention areas to a level of 8% as per the WLPPR section 52 (1) (c).

Objectives 3 and 4 of the SLUP which are to provide for ungulate winter range, visual cover and spring forage for elk and black-tailed deer through seral stage management does not apply to woodlots as per FRPA Section 13(3).

Objective 5:

Result: The W2001 holder will meet the objective to protect Critical Stream Reaches within W2001.

Objective 6:

As per FRPA 13(3) this objective, relating to cutblock size, is not applicable to a woodlot licence.

Marbled Murrelet

There is no Marbled Murrelet suitable nesting habitat within W2001 so no result or strategy has been developed to meet the Order and Notice.

WILDLIFE HABITAT AREAS

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

SCENIC AREAS

There are scenic areas located in whole or in part within the WLP area.

A GAR Order on December 14, 2005 established Scenic Areas and Visual Quality Objectives (VQO) for the Campbell River Forest District. The visual quality objectives (VQO) are identified on the map in Appendix 3. The licensee will meet all VQOs as defined in FPPR section 1.1. See Areas where timber harvesting will be modified, below.

UNGULATE WINTER RANGES

To manage for the winter survival of Black Tailed Deer Ungulate Winter Range (UWR) U-1-005 units 139 and 142 have been established over

a portion of the WLP area identified on the map in Appendix 3.

The UWR units and OGMAs overlap completely as shown on the WLP Map. See Areas Where Timber Harvesting Will be Modified, below.

COMMUNITY WATERSHEDS

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

FISHERIES SENSITIVE WATERSHEDS

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

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

There are community or domestic water supply intakes or related water supply infrastructures nearby that could be affected by operations carried out under this plan. The locations are identified on the map in Appendix 3.

CONTIGUOUS AREAS OF SENSITIVE SOILS

- The locations of contiguous areas of sensitive soils are identified on the WLP map in Appendix 3 as slope >35% and as Terrain Stability Class IV and V.

TEMPORARY OR PERMANENT BARRICADES THAT RESTRICT VEHICLE ACCESS

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

PRIVATE PROPERTY WITHIN OR ADJACENT TO THE WLP AREA

There is no private land within or adjacent to the woodlot, however, there is a developed Licence of Occupation of 29.3 ha on Roberts Lake adjacent to the W1940 tenure area. This Licence of Occupation is Crown Lands File # 1413997 and the facility is Camp Bob of the Mennonite Brethern Churches. This licence of occupation is shown on the WLP Map.

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

- The following resource features are found within the woodlot license area:

Old Growth Deferral Polygons

There are old growth forest polygons of the “remnant” and “ancient” variety within the W2001 tenure area that are being voluntarily deferred from harvesting pending the outcome of the Provincial Old Growth Strategic Review planning process. They are identified on the WLP map as “Old Growth Deferral”.

Recreation Resource Features

As per the *Order to Identify Recreation Resource Features for the Campbell River Forest District April 12, 2006* there are Recreation Features established around Roberts Lake as shown on the WLP map in Appendix 3.

Karst

A Government Actions Regulation (GAR) order to identify karst resource features was established in the Campbell River Forest District on May 30, 2007. This order identified karst caves, significant surface karst features, and important features and elements within very high or high vulnerability karst terrain as resource features.

The BC iMap karst layer does not show karst potential within W2001 or nearby. If karst features are identified in the woodlot during field surveys and engineering the licensee will consult the *Karst Management Handbook for British Columbia (May2003)* and the Provincial guidance document *Karst Inventory Standards and Vulnerability Assessment Procedures for British Columbia version 2.0 (January 2003)* to ensure that forest operations will not damage or render ineffective any karst resource feature as specified in the GAR order.

Research Installations:

In the Western end of W2001 there is a provenance trial plot (EP0599.03) which is still listed as active and requiring a 75 m buffer. Jon Denger, Coastal Tree Breeder with the Research Management Branch has provided an email stating that such trials are now mature and may be released back into the timber harvesting landbase. Notification of harvest in order to make final research measurements is requested. This email, dated May 4, 2022, is included in Appendix III. There is a Growth and Yield Plot along the Western boundary of the tenure area that at the time of writing this WLP was listed as active. Gary Johansen of Forest Analysis and Inventory Branch has provided an email stating that Research Branch no longer intends to remeasure or protect this plot. This email, dated May 3, 2022, is included in Appendix III.

AREAS WHERE TIMBER HARVESTING WILL BE AVOIDED OR MODIFIED

Areas where timber harvesting will be AVOIDED:

- There are no areas where timber harvesting will be avoided.

Areas where timber harvesting will be MODIFIED:

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

Ungulate Winter Range (UWR) and Old Growth Management Areas (OGMA):

The Woodlot Licence contains two OGMA/UWRs, which have been identified in the Sayward Landscape Unit Plan and are established by legal order.

Felling will not occur within the OGMA/UWR except for road maintenance, road deactivation, brushing and clearing of existing roads, removal of danger trees, felling of guyline clearance or tailhold anchor trees. Trees removed for safety are to be retained on site for coarse woody debris. Road construction may be allowed within the OGMA when no other practicable option for road location is available.

Critical Stream Reaches

Critical stream reaches established by the Sayward Landscape Unit Plan legal order are shown on the WLP map. The licensee will meet the management objectives to:

- retain all windfirm trees with roots embedded in the stream bank and
- for S4 streams, retain 50% of the stems, representative of species age and size, within 10 m of the channel.

Recreation Features:

The *Order to Identify Recreation Resource Features For the Campbell River Forest District* April 12, 2006, established three recreation features within and adjacent to W2001: Roberts Beach, Cecil/Roberts Lake and Roberts Bay. These Recreation Resource Features are shown on the WLP Map.

The licensee will ensure that forestry activities within W2001 will not render ineffective these recreation sites.

Scenic Areas:

Timber harvesting may be modified to meet the VQOs established within scenic areas in the Woodlot tenure area. VQOs of Retention and Partial Retention have been designated and are shown on the woodlot Plan Map in Appendix 3.

Cultural Heritage Resources

If cultural heritage resources are identified within the woodlot tenure area their appropriate management may result in the modification of timber harvesting operations. See the section Cultural Heritage Resources below.

Areas of Sensitive Soils,

Harvesting may be modified in areas of steep slopes or of dispersed rock.

RETENTION OF TREES IN A RIPARIAN MANAGEMENT ZONE

Unless exempted or as provided for under WLPPR section 40, the following describes the retention of trees in a riparian management zone following timber harvesting.

Trees of any species, age, size or form that are present within a Riparian Management Zone (RMZ) may be acceptable as retention trees. To the extent practicable, non-merchantable trees and understory vegetation will be retained within 5 meters of the channel or wetland where there is no reserve zone.

Retention levels in Riparian Management Zones will be as follows:

Riparian Class	Management Intent	Minimum Basal Area to be Retained Within RMZ (%)
S1-A or S1-B stream	<ul style="list-style-type: none"> Maintain integrity of the RRZ Assist in maintaining wildlife habitat attributes within the RMA such as wildlife tree cover, nesting and perching habitat and diversity of vertical forest structure 	≥20
S2 stream	<ul style="list-style-type: none"> Maintain integrity of the RRZ Assist in maintaining wildlife habitat attributes within the RMA such as wildlife tree cover, nesting and perching habitat and diversity of vertical forest structure 	≥20
S3 stream	<ul style="list-style-type: none"> Maintain integrity of the RRZ Assist in maintaining wildlife habitat attributes within the RMA such as wildlife tree cover, nesting and perching habitat and diversity of vertical forest structure 	≥20
S4 stream	<ul style="list-style-type: none"> Maintain stream bank integrity Minimize introduction and transport of deleterious material to lower reaches of stream Provide shade cover, CWD and litter inputs 	≥10
S5 stream	<ul style="list-style-type: none"> Maintain stream bank integrity Minimize introduction and transport of deleterious material to lower reaches of stream Provide litter inputs 	≥0
S6 stream	<ul style="list-style-type: none"> Maintain stream bank integrity 	≥0

	<ul style="list-style-type: none"> • Minimize introduction and transport of deleterious material to lower reaches of stream • Provide litter inputs 	
Classified wetlands and lakes	<ul style="list-style-type: none"> • Maintain integrity of the RRZ where applicable • Assist in maintaining wildlife habitat attributes within the RMA such as wildlife tree cover, nesting and perching habitat and diversity of vertical forest structure 	≥10

Levels of retention in Riparian management Areas will depend on factors such as:

- Physical features – slope, aspect, soil,
- Stream morphology and stream bank characteristics,
- Downstream values,
- Length of stream with altered riparian area from previous harvesting, considering both sides of stream,
- Length of stream in a block and size of harvest area,
- Existing forest cover, wildlife trees and understory vegetation in riparian area,
- Wind firmness of retained trees, existing and potential coarse woody debris and
- Use of streamside area by wildlife.

CONSERVING AND PROTECTING CULTURAL HERITAGE RESOURCES

The strategy applicable to the WLP area is as follows:



Strategy:

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

The licensee supports ongoing information sharing and to do so will, in addition to the information sharing process required for the creation and approval of this plan, continue to provide information to the Wei Wai Kum, We Wai Kai, and K’omoks First Nations at the early operational planning stage of any road and block development.

The Wei Wai Kum, We Wai Kai, and K’omoks First Nations will be consulted with through operational planning information sharing to ensure that the Woodlot Licensee knows of CHRs in areas planned for development. If new CHRs are found within areas planned for development the W2003 license holder will discuss with the relevant First Nations to develop a strategy to manage them appropriately.

The only CHR known to be of importance to First Nations at the time of this Woodlot Licence Plan submission is Large Cultural Cedar, (formerly referred to as monumental cedar) as described in the Nanwakolas Operational Protocol for Large Cultural Cedar.

Cultural Heritage Value	Strategy
Large Cultural Cedar:	The Woodlot Licensee will notify the Wei Wai Kum, We Wai Kai, and K’omoks First Nations of the presence of large Western Redcedar, over 100cm DBH, in areas planned for development.
Procedure if Cultural Heritage Resources are Identified	If cultural heritage resources are identified through fieldwork applicable First Nations will be notified. Assessment of and mitigation strategies for the cultural heritage resources identified will be developed through consultation with local First Nations and, where necessary, a professional archaeologist.

WILDLIFE TREE RETENTION STRATEGY

The proportion of the woodlot licence area occupied for wildlife tree retention purposes is 8% as defined in the Performance Requirements section of this WLP.

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

- Patch retention (intact areas of forest)
- Areas where harvesting will be modified

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

DISPERSED RETENTION

- Not applicable (dispersed retention of individual wildlife trees **will not** be used)

PATCH RETENTION

- Applicable (patch retention of wildlife trees **will** be used)

(a) Forest Cover Attributes:

Wildlife tree retention areas (WTRA) will consist of forests comprised of Douglas-fir, Western hemlock, Western redcedar, Western white pine, lodgepole pine, amabilis fir, Western yew, red alder, bitter cherry, black cottonwood and willow that are predominantly age class 3 to 6. WTRAs will be located primarily within riparian reserve zones, OGMA and other constrained areas. Trees that pose a safety hazard, or are infested with insects or infected with a pathogen that could threaten adjacent trees or forests, may not be retained.

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

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

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

Trees felled for these conditions within RRZs and OGMAs will not be removed.

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

The woodlot owner will ensure that the proportion of the woodlot licence area occupied for wildlife tree retention that is defined in the Performance Requirements section of this WLP will be maintained over time.

MEASURES TO PREVENT THE INTRODUCTION OR SPREAD OF INVASIVE PLANTS

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

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

The following are invasive species of special concern and will be reported by the licensee to the Ministry via the provincial "Report Invasives" App or using the online form:

- Japanese knotweed (*Fallopia japonica*)
- Giant knotweed (*Fallopia sachalinensis*)
- Bohemian knotweed (*Fallopia x bohemica*)
- Himalayan knotweed (*Polygonum polystachyum*).

MEASURES REGARDING NATURAL RANGE BARRIERS

There are no rangelands present on or adjacent to the Woodlot Licence and no measures or activities are proposed.

STOCKING INFORMATION FOR SPECIFIED AREAS

- The stocking standards for the purposes of WLPPR sections 12 and 34(3) are found in Appendix 1A.

PRACTICE REQUIREMENTS

Soil Disturbance Limits

- Default: WLPPR section 24(1)(b)
8% of net area to be reforested.

Permanent Access Structures

- Alternative: WLPPR section 25:
The maximum area occupied by permanent access structures is:
- For Cutblocks ≥ 5 ha: 7% of the total cutblock area.
 - For Cutblocks < 5 ha: 10% of the total cutblock area.
 - For the WL Area: 7% of the total Woodlot Licence area.

Unless additional permanent access structures are necessary to provide access beyond the cutblock, in which case the limit will be exceeded as little as practicable and remain below 7% for the Woodlot Licence area.

Stocking Standards

- Alternative #2: WLPPR section 35(1)(a)
The stocking standards, regeneration dates and free growing dates are indicated in Appendix 2B.

Width of Stream Riparian Areas

- Default: WLPPR section 36(4)(b)
The minimum widths of the RRZ, RMZ and RMA are as described in WLPPR section 36(4)(b).

Width of Wetland Riparian Areas

- Default: WLPPR section 37(3)(b)
The minimum widths of the RRZ, RMZ and RMA are as described in WLPPR section 37(3)(b).

Width of Lake Riparian Areas

- Default: WLPPR section 38(2)(b)
The minimum widths of the RRZ, RMZ and RMA are as described in WLPPR section 38(2)(b).

Restrictions in a Riparian Reserve Zone

- Default: WLPPR section 39(1)
Cutting, modifying or removing trees in a RRZ is limited to the purposes described in WLPPR section 39(1).

Restrictions in a Riparian Management Zone

- Default: WLPPR section 40(1)(b)(c) or (d)
The construction of a roads in a riparian management zones will be limited to the conditions described in WLPPR sections 40(1)(b), (c) and (d).

Wildlife Tree Retention

- Default: 8% of the woodlot licence area (WLPPR section 52(1)(c))

Coarse Woody Debris

- Coastal Default: WLPPR section 54(1)(b)
A minimum retention of 4 logs per ha ≥ 5 m in length and ≥ 30 cm in diameter at one end.

Resource Features

- Default: WLPPR section 56(1)(b)
Ensure that forest practices do not damage or render ineffective a resource feature.

II. APPENDICES

APPENDIX 1A: STOCKING STANDARDS FOR SPECIFIED AREAS

These layered stocking standards apply for the purposes of sections 12 and 34(3) of the Woodlot Licence Planning and Practices Regulation to areas where the establishment of a free growing stand is not required and harvesting is limited to commercial thinning, removal of individual trees, or a similar type of intermediate cutting, or the harvesting of special forest products.

SU	Biogeoclimatic Ecosystem Classification			Preferred Species	Acceptable Species	Layer	TSS (sph)	MSSpa (sph)	MSSp (sph)
	Zone	Subzone	Variant Site Series						
1	CWH	xm	1, 4, 5, 6, 7, 13, 14	Fd, Cw	Hw, Ba, Pw	1	400	200	200
						2	500	300	250
						3	700	400	300
						4	900	500	400
2	CWH	xm	3, 12, 15	Fd, Cw	Pw, Hw	1	300	150	150
						2	400	200	200
						3	600	300	300
						4	800	400	400
3	CWH	mm	1, 4, 5, 6, 7, 8, 9	Fd, Cw	Hw, Ba, Pw	1	400	200	200
						2	500	300	250
						3	700	400	300
						4	900	500	400
	CWH	mm	2, 3	Fd	Cw	1	300	150	150
						2	400	200	200
						3	600	300	300
						4	800	400	400

SU = Standards Unit = a harvested area with the same stocking standards	Minimum Distance Between Well-spaced Trees = 2.0 meters except all healthy trees in the mature layer are considered well-spaced	MSSpa = Minimum Stocking Standard of well-spaced trees of preferred and acceptable species	Layer 1 = Mature trees \geq 12.5 cm dbh Layer 2 = Pole trees $>$ 7.5 to $<$ 12.5 cm dbh
TSS = Target Stocking Standard (sph) = healthy well-spaced trees/ha		MSSp = Minimum Stocking Standard of well-spaced trees of preferred species	Layer 3 = Sapling Trees $>$ 1.3 m tall & $<$ 7.5 dbh Layer 4 = Regeneration trees $<$ 1.3 m tall.

APPENDIX 2B: STOCKING STANDARDS FOR FREE GROWING STANDS

ADMINISTRATION																								
Vancouver Forest Region			Campbell River Forest District				Licensee: Sage Mountain Resources Ltd.							Woodlot Licence #W2001				July, 2023						
ID #	BEC		Preferred Species						Acceptable Species								Stocking (w/s)			Min Inter Tree Dist (m)	Regen Delay	FG Date	Tree Ht > Brush (min %)	Comments:
	Zone & variant	Site Series	1	Ht (min)	2	Ht (min)	3	Ht (min)	1	Ht (min)	2	Ht (min)	3	Ht (min)	4	Ht (min)	Target P&A (sph)	Min P&A (sph)	Min P (sph)	MITD (m)	Max (yrs)	Late (yrs)		
1038042	CWHxm	01/04	Fd	3.0	Cw	1.5			Pw ⁵	2.5	Hw ⁸	2.0					900	500	400	2.0	3	20	150	Zonal site
1038043	CWHxm	02	Fd	2.0					Pw ⁵	2.5	Pl	1.25					400	200	200	2.0	3	20	150	Avoid logging – xeric site, shallow soils
1038044	CWHxm	03	Fd	2.0					Cw	1.0	Pw ⁵	2.5	Pl ⁶	1.25			800	400	400	2.0	3	20	150	Dry site
1038045	CWHxm	05/07	Fd	4.0	Cw	2.0			Pw ⁵	2.5	Ba ⁹	1.0					900	500	400	2.0	3	20	150	Rich and moist site
1038046	CWHxm	06	Fd	3.0	Cw	1.5			Pw ⁵	2.5	Hw	2.0					900	500	400	2.0	6	20	150	Wet site
1038047	CWHxm	11 ¹	Cw	1.0					Pl ¹	1.25							400	200	200	1.5	3	20	150	Avoid logging – wet and very poor
1038048	CWHxm	12 ¹	Cw	1.0					Hw ⁴	1.5	Pw ⁵	2.5	Ss ⁷	1.5			800	400	400	1.5	3	20	150	Organic soils - avoid ground based equipment
1038049	CWHxm	13/14 ²	Fd ¹	4.0	Cw	2.0			Ss ⁷	3.5	Ba ⁹	1.0					900	500	400	1.5	3	20	150	Fluctuating water table
1038050	CWHxm	15 ²	Cw	2.0					Ss ⁷	3.5							800	400	400	1.5	3	20	150	Fluctuating water table
1038051	CWHxm	01/06	Dr ⁴	3.0	Mb	3.0											1200	1000	800	1.5	3	20	150	High density deciduous management
1038052	CWHxm	05/07/13/14 ² /15 ²	Act	4.0	Dr ⁴	4.0	Mb	4.0									1200	1000	800	1.5	3	20	150	High density deciduous management
1038053	CWHxm	01/04/06	Cw	1.5	Pw ⁵	2.5			Fd ³	3.0	Hw ^{3,8}	2.0					900	500	400	2.0	3	20	150	Alternate species root rot treatment
1038054	CWHxm	02	Pw ⁵	2.5					Fd ³	2.0	Pl ⁶	1.25					400	200	200	2.0	3	20	150	Avoid logging – xeric site, shallow soils, root rot treatment
1038055	CWHxm	03	Cw	1.0	Pw ⁵	2.5			Fd ³	2.0	Pl ⁶	1.25					800	400	400	2.0	3	20	150	Alternate species root rot treatment
1038056	CWHxm	05/07	Cw	2.0	Pw ⁵	2.5			Fd ³	4.0	Ba ^{3,9}	1.0					900	500	400	2.0	3	20	150	Alternate species root rot treatment
1038057	CWHxm	12	Cw	1.0	Pw ⁵	2.5			Hw ³	1.5	Ss ^{3,7}	1.5					800	400	400	1.5	3	20	150	Alternate species root rot treatment
1038058	CWHxm	13/14 ²	Cw	2.0					Fd ³	4.0	Ss ^{3,7}	3.5	Ba ^{3,9}	1.0			900	500	400	1.5	3	20	150	Alternate species root rot treatment

Foot Notes for CWHxm Stocking Standards

1. Elevated microsites are preferred.
2. These sites represent areas with strongly fluctuating water tables. They are often found as mosaics in combination with other sites. Elevated microsites are preferred and mechanical mounding is recommended.
3. Not acceptable within 10 m of Fd, Hw, Ba/Bg or Ss second growth stumps.
4. Avoid gleyed soils and in frost pockets.
5. Pw must be free of blister rust within 10 cm of the stem and be pruned as per ministry guidelines or be blister rust resistant stock (≥ 50% resistance). Pw may occupy 5% on all sites except sites 04 & 05 where 20% will be the upper limit of the Free-Growing composition. When used for root rot treatment no limit on percent composition is set.
6. Restricted to nutrient-very-poor sites.
7. Risk of weevil damage, use resistant stock where possible. Ss will not exceed 20% of the free growing stand or 5% of the free growing stand on site series 13, 14, & 15 on a dispersed basis. Clumps not to exceed 0.1ha in size.
8. Hw is not acceptable on site series 04. The proportion of the free-growing stand comprised of Hw will not exceed 20%.
9. Limit to 20% of the free growing stand due to risk of balsam wooly adelgid.

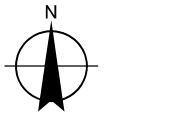
ADMINISTRATION																								
Vancouver Forest Region			Campbell River Forest District				Licensee: Sage Mountain Resources Ltd.							Woodlot Licence #W2001				July, 2023						
ID #	BEC		Preferred Species							Acceptable Species						Stocking (w/s)			Min Inter Tree Dist (m)	Regen Delay	FG Date	Tree Ht > Brush (min %)	Comments:	
	Zone & variant	Site Series	1	Ht (min)	2	Ht (min)	3	Ht (min)	4	Ht (min)	1	Ht (min)	2	Ht (min)	3	Ht (min)	Target P&A (sph)	Min P&A (sph)	Min P (sph)	MITD (m)	Max (yrs)	Late (yrs)		
	CWHmm1	01	Fd	3.00	Cw	1.50					Hw ¹⁰	2.00					900	500	400	2.0	6	20	150	
	CWHmm1	02	Fd	2.00	Pl	1.25					Cw	1.00					800	400	400	2.0	6	20	150	Avoid logging – xeric, nutrient poor site
	CWHmm1	03	Fd	2.00							Cw	1.00					800	400	400	2.0	3	20	150	
	CWHmm1	04	Fd	2.00							Pw ³¹	2.50	Cw	1.00			900	500	400	2.0	3	20	150	
	CWHmm1	05	Fd	3.00	Cw	1.50					Pw ³¹	2.50					900	500	400	2.0	3	20	150	
	CWHmm1	06	Cw	1.50	Hw	2.00					Fd ⁷	3.00					900	500	400	2.0	6	20	150	
	CWHmm1	07	Cw	2.00	Fd	4.00											900	500	400	2.0	3	20	150	
	CWHmm1	08	Ba ⁴⁷	1.00	Cw	2.00	Ss ³⁵	4.00									900	500	400	2.0	3	20	150	
	CWHmm1	09	Cw ¹	2.00							Ba ^{1,47}	1.0					900	500	400	2.0	3	20	150	
	CWHmm1	12	Cw ¹	1.0							Hw ¹	1.75	Ss ¹	2.0			800	400	400	2.0	3	20	150	Wet site

Foot Notes for CWHmm1 Stocking Standards

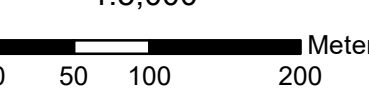
1. suitable on elevated microsites
7. suitable on nutrient-medium sites
10. suitable on cool aspects
31. must use of blister rust resistant stock. See BC Journal of Ecosystems and Management 10(1): 97-100 for supplementary information.
35. use resistant stock to mitigate risk of spruce weevil damage - See Ss Weevil Decision Tool: <http://pubs.cif-ifc.org/doi/abs/10.5558/tfc2013-042>
47. risk of balsam wooly adelgid within quarantine area see <http://www2.gov.bc.ca/gov/content/industry/agriculture-seafood/animals-and-crops/plant-health/insects-and-plant-diseases/nursery-and-ornamentals/balsam-woolly-adelgid>

APPENDIX 3: THE WOODLOT LICENCE PLAN MAP

**Woodlot Licence
W2001
Woodlot Licence
Plan Map**

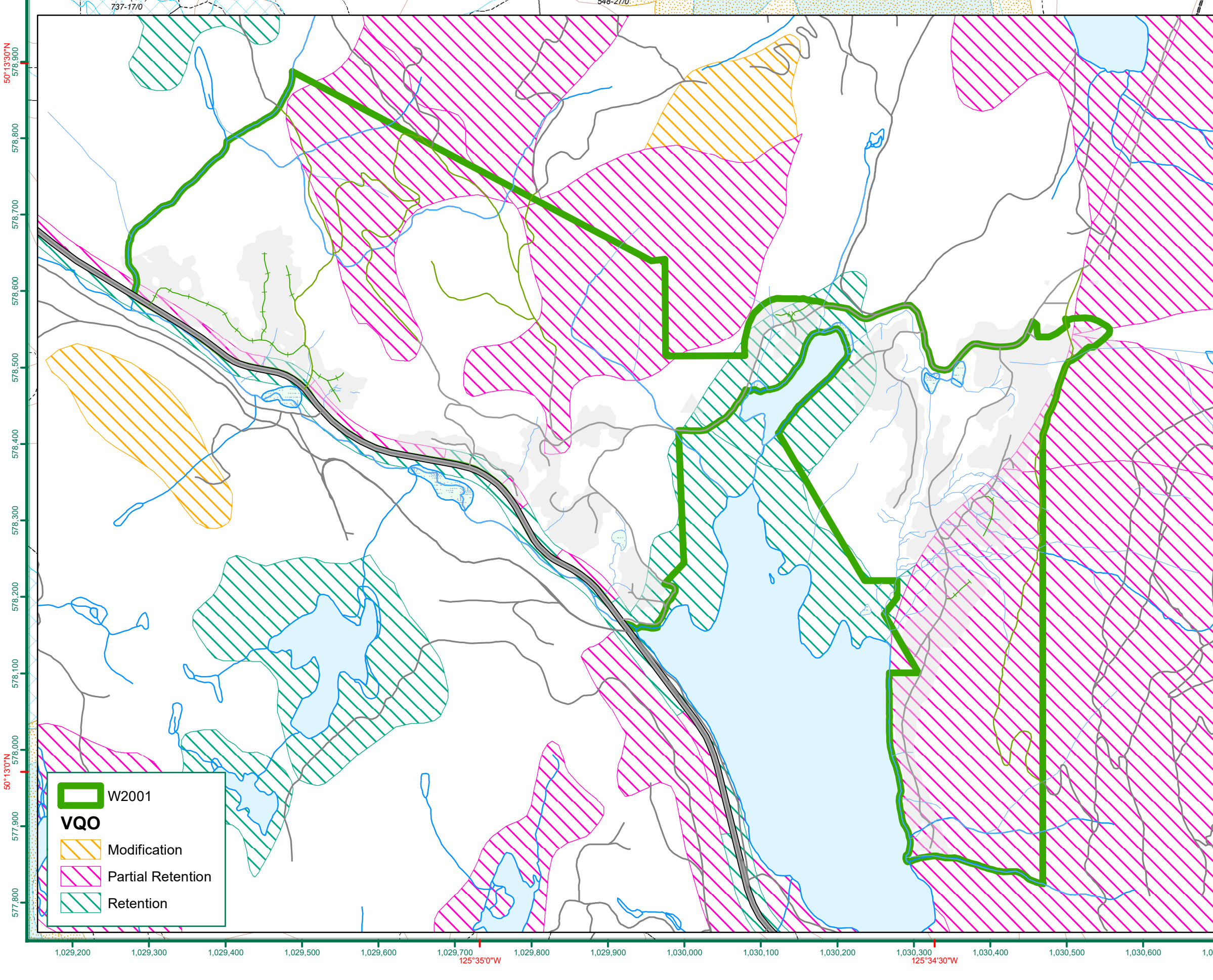
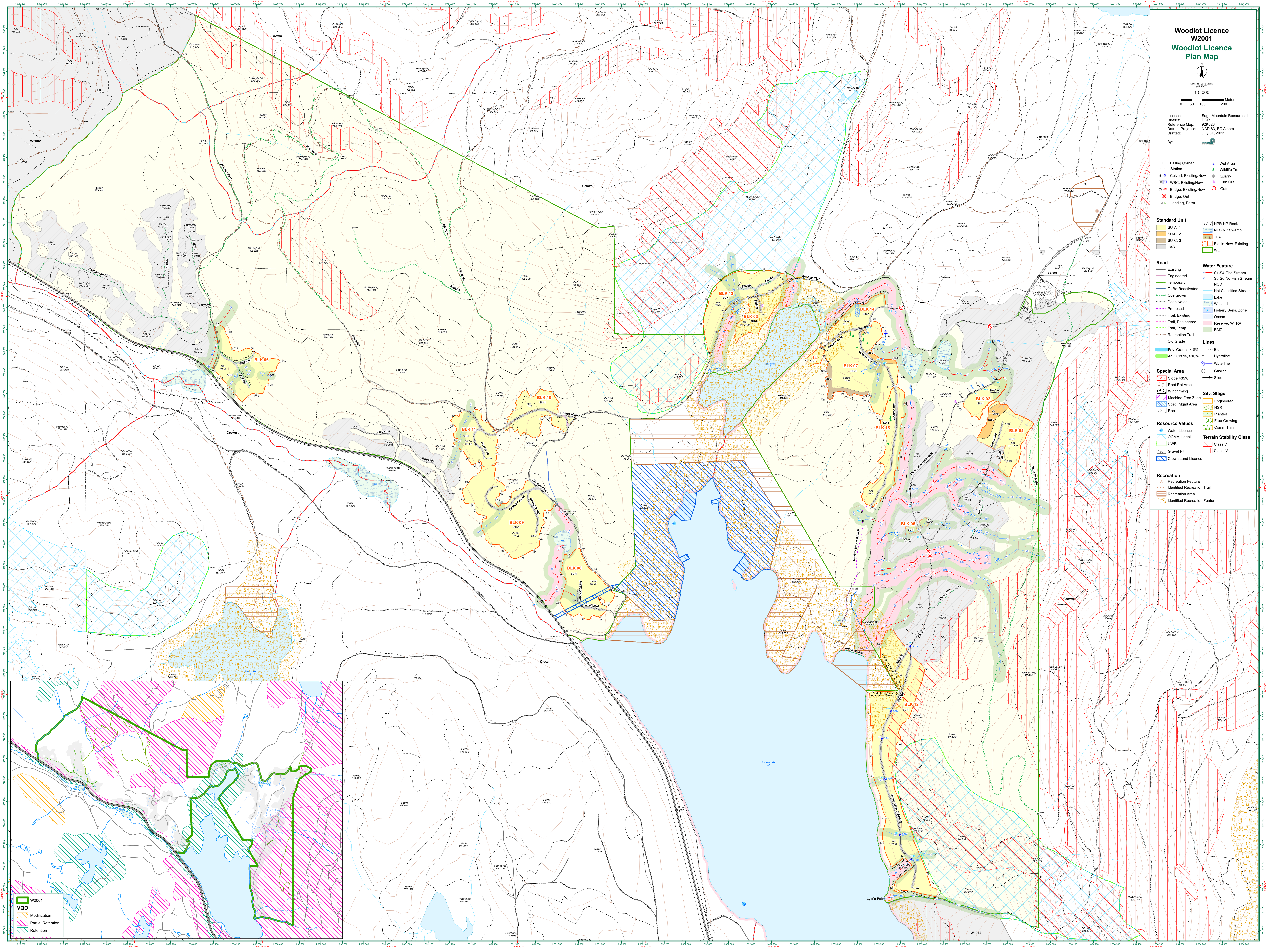


1:5,000



Licensee: Sage Mountain Resources Ltd
 District: DCR
 Reference Map: S20223
 Datum: Projection: NAD 83, BC Albers
 Drafted: July 31, 2023
 By: [Signature]

- Falling Corner
 - Station
 - Culvert, Existing/New
 - WBC, Existing/New
 - Bridge, Existing/New
 - Bridge, Cut
 - Landing, Perm.
 - Wet Area
 - Wildlife Tree
 - Quarry
 - Turn Out
 - Gate
-
- Standard Unit**
 - SU-A
 - SU-B.2
 - SU-C.3
 - PAS
 - NPR NP Rock
 - NPS NP Swamp
 - TLA
 - Block: New, Existing
 - WL
-
- Road**
 - Existing
 - Engineered
 - Temporary
 - To Be Reactivated
 - Overgrown
 - Proposed
 - Trail, Existing
 - Trail, Engineered
 - Trail, Temp.
 - Recreation Trail
 - Old Grade
 - Fav. Grade, >18%
 - Adv. Grade, >10%
-
- Water Feature**
 - S1-S4 Fish Stream
 - S5-S8 No-Fish Stream
 - NCD
 - Not Classified Stream
 - Lake
 - Wetland
 - Deactivated
 - Fishery Sens. Zone
 - Ocean
 - Reserve, WTRA
 - RIMZ
-
- Lines**
 - Bluff
 - Hydroline
 - Waterline
 - Gasline
 - Slide
-
- Special Area**
 - Slope >35%
 - Root Rot Area
 - Windfiring
 - Machine Free Zone
 - Spec. Mgmt Area
 - Rock
-
- Resource Values**
 - Water Licence
 - OGMA, Legal
 - UWR
 - Gravel Pit
 - Crown Land Licence
 - Engineered
 - NSR
 - Planted
 - Free Growing
 - Comm Thin
-
- Terrain Stability Class**
 - Class V
 - Class IV
-
- Recreation**
 - Recreation Feature
 - Identified Recreation Trail
 - Recreation Area
 - Identified Recreation Feature



W2001
 Modification
 Partial Retention
 Retention

W1942

Lyle's Point

Crown

Crown

Crown

Crown

APPENDIX 4: REVIEW AND COMMENT

See communications with First nation and Public Review and comments below.

a) Advertising

b) Referrals

c) Copy of Written Comments Received

d) Revisions Made Because of Written Comments Received

No revisions were made due to comments received.

e) Communications with First Nations



Career Opportunities **Career Opportunities**

Resident Caretakers

Wanting a mature couple to provide daily duties for a busy storage company. Minimal hours daily with Thursdays off and full days on Sundays. We offer a salary, benefits with accommodations on site. Suite features 2 bedrooms, 6 appliances, a gas fireplace and patio. Utilities and Cable are included.

Training starts ASAP.



Bring resume in person to Econo Ezy Box Storage
1231 Spruce Street, Campbell River

Legal Notices **Legal Notices**

Ministry of Forests – Natural Resource District: Marbled Murrelet Forest Stewardship Plan (FSP) & Woodlot Plan (WLP) Amendments

The Ministry of Forests, Natural Resource District of Campbell River is giving notice and invites written comment on the amendments to the applicable Woodlot Plan (WLP) and Forest Stewardship Plans (FSP).

These amendments are proposed to meet the Order for the Recovery of Marbled Murrelet (*Brachyramphus marmoratus*) and the Notice - Indicators of the Amount, Distribution and Attributes of Wildlife Habitat Required for the Survival of Marbled Murrelet (*Brachyramphus marmoratus*), both effective on December 2, 2021.

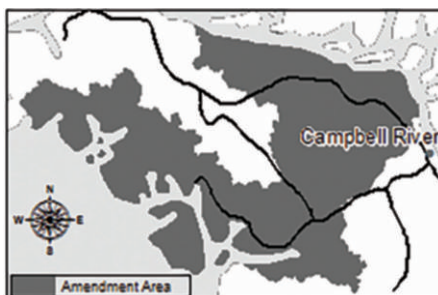
The applicable WLP and FSP holders have submitted similar strategies and intend to work together to ensure the objectives in the Order and Notice are met.

The amended FSPs/WLPs, once approved, will form the basis for future development of roads and cutblocks. The proposed strategy may be further amended as a result of written comments received during the public review and comment period. Public review and comment period runs from **June 29 to August 29, 2022**.

FSP/WLP Amendments can be viewed by following the link or by appointment through the email address below. To ensure a representative is available to discuss the proposed strategies, any interested parties that cannot view the strategies online, should arrange an appointment by telephone or email.

Online:
https://www.for.gov.bc.ca/ftp/DCR/external/!publish/MAMU_Amend/

In person: (by appointment only): 250-287-9300 or Forests.CampbellRiverDistrictOffice@gov.bc.ca



Career Opportunities **Career Opportunities** **Career Opportunities**

Multi-Media Sales Consultant

The Black Press News Media Group is seeking a full time Multi-Media Sales Consultant for an immediate opening in our Campbell River Mirror office.

We are BC's largest media group and are looking to expand our team. The ideal candidate is punctual, a fast learner and looking to increase his/her income. Hands on training assures the ideal candidate will be able to succeed and build a lasting career with Black Press.

The ideal candidate will be a strong communicator, well organized, self motivated, determined and enjoy working in a deadline driven fast paced environment. Your customer service skills will be exceptional and you must be comfortable communicating over the phone handling inbound and outbound calls offering our marketing services for print and digital platforms. The ability to multi-task and meet deadlines is a must.

Existing client base provided, excellent base salary, competitive commission structure and extended benefits package.

The successful candidate will work Monday - Friday, 8:30a.m. - 5:00p.m.

Why Wait Apply today!

If you are up for this exciting opportunity, please email your resume with a brief description on why you are a great candidate to:

Jacque Duns

Campbell River Mirror Publisher
publisher@campbellrivermirror.com



Legal Notices **Legal Notices** **Legal Notices** **Legal Notices**

Proposed Woodlot Licence Plan for Woodlot Licence #W2001

Notice is hereby given that Sage Mountain Resources Ltd., licensee for Woodlot Licence W2001, will make proposed Woodlot Licence Plan (WLP) available for public viewing and comment. This WLP has been developed under the Forest and Range Practices Act and Woodlot Licence Planning and Practices Regulation.

Woodlot Licence W2001 is located approximately 35 km Northwest of Campbell River along Highway 19.

A WLP sets the legal requirements for how activities in the woodlot will be carried out. The WLP shows the areas where timber harvesting will be avoided, modified or allowed and also includes information on results and strategies designed for the maintenance and protection of non-timber resources in the tenure area. A WLP plan also includes designated Wildlife Tree Retention Areas where harvesting will not occur. All harvesting activities will be subject to the WLP and Annual Allowable Cut and associated Cut Control Regulation. The term of the WLP is ten years.

The plan is available for review prior to the determination of the District Manager of the Campbell River Natural Resources District and can be made available to interested parties. The plan will be made available during regular business hours from June 29, 2022 to July 29, 2022. To request a copy of the WLP please call Brian Smart at Econ Consulting 250-337-5588 or email to Brian@econ.ca. Additional information related to the woodlot may be provided upon request.

Comments on the plan must be received in writing by July 29, 2022 at the following address: Econ Consulting, 2-8268 Island Hwy, Black Creek, BC, V9J 1H6, attn: Brian Smart, RPF, or by email to brian@econ.ca. Please note that comments that do not directly bear upon the plan itself will be forwarded to the District Manager but may be outside of the jurisdiction of the licensee to address.

Transportation

Recreational/Rent

Looking to Rent an RV/ Camper for 5 nights July 11 - 16th In working order and delivery to Quadra Island
778-558-6914

Cars - Domestic

1980 Dodge 3/4 Ton 4-Wheel Drive
High top camper van runs on propane. Fridge, stove, & bed. Needs some work
\$1,500. obo
250-871-5559

Your Community Your Classifieds

1-866-865-4460



With stroke, every second counts. Act FAST

heartandstroke.ca
© Heart and Stroke Foundation of Canada, 2022

Legal Notices

Legal Notices

As of June 29th, 2022 we hereby request that the charges, plus further charges that may accrue, be paid in full by cash or certified cheque or credit card on or before: July 11th, 2022.

Unless the charges are paid in full within the above mentioned time the goods will be sold at auction or disposed of, after July 11th 2022.

Unit #108 - Aleasha Katherine Staniforth
River City Storage

YOUTH AGAINST VIOLENCE LINE
1-800-680-4264
info@youthagainstviolence.com

SHOP LOCAL. SAVE LOCAL.

Support the local businesses that support your local newspaper.



Licensee Summary of First Nations Information Sharing for Permits & Licenses: Campbell River Natural Resource District

<i>Check box and specify applicable names/numbers</i>		Applicant:	Sage Mountain Resources Ltd
Cutting Permit #:	<input type="checkbox"/>	Tenure #:	W2001
Road Permit #:	<input type="checkbox"/>	Block(s):	
Special Use Permit #:	<input type="checkbox"/>	Road(s):	
WLP	<input checked="" type="checkbox"/> WLP2	Section(s):	
Date:	June 23, 2022	Completed by:	Brian Smart, R.P.F.

Archaeology and Aboriginal Interests Information [Attach comments if necessary] Y/N

1. Is the application area(s) the same as that which was referred to the First Nation(s)?	Y
2. Is the area under application in or adjacent to an area of "moderate" or "high" archaeological potential as indicated on the relevant AOA?	N
3. Was the area reviewed by:	
a. Qualified Archaeologist	N
b. A First Nation field assessor(s)? (summarize if so)	N
4. Is the area in the vicinity (~1km) of:	
a. A specific known aboriginal interest (cultural, traditional, Indian Reserve, Active Treaty interest (if known), etc.) or one communicated by a FN in consultation?	N
b. A "point", "line" or "polygon" feature identified on the "Aboriginal Interests" shape files provided by South Island District? (discuss with District Staff if necessary)	N/A
c. An existing archaeological site (data available through Archaeology Branch or archaeology professionals)?	N/A
Comments related to points 1-4:	

Communication/Event Log Summary

FN (Please sort)	Date	Event/Result
Wei Wai Kum FN	June 23, 2022	CP infoshare package sent via Nanwakolas
We Wai Kai FN	June 23, 2022	CP infoshare package sent via Nanwakolas
K'omoks FN	June 23, 2022	CP infoshare package sent via Nanwakolas
Nanwakolas	June 27, 2022	Response from Nanwakolas, Katie Pick, confirming receipt of info package. Review timeline given is 60 business days. September 22, 2022
K'omoks FN	July 14, 2022	Response from K'omoks no comment
We Wai Kai FN	July 19, 2022	Response from Chief Councillor Ronnie Chickite – no comment
We Wai Kum FN	Nov 21, 2022	Email to Katie Pick and Art Wilson asking if they would like to respond before sending in to DM.
We Wai Kum FN	Nov 24, 2022	Response from Chief Chris Roberts no comment

To: Nanwakolas Council
1441 16th Ave
Campbell River, B.C. V9W 2E4

June 23, 2022

Via email to: referrals@nanwakolas.com

RE: New Woodlot Licence Plan for Woodlot W2001

ATTN: Wei Wai Kum, We Wai Kai and K’omoks First Nations

Dear Sir/Madam,

I would like to inform the Wei Wai Kum, We Wai Kai and K’omoks First Nations that Sage Mountain Resources Ltd., Licensee of Woodlot W2001 intends to submit a new Woodlot Licence Plan (WLP) for their woodlot tenure. W2001 is located approximately 35 km northwest of Campbell River, along Highway 19.

Of particular interest to the licensees is obtaining a better understanding of what cultural heritage values may be within the tenure area that are of interest and of management concern to the Wei Wai Kum, We Wai Kai and K’omoks First Nations in addition to Large Cultural Cedar.

We would like to know if you have any comments regarding this new plan including questions or concerns that you would like to discuss. I am available to meet in person, by web meeting (Zoom), or by telephone to discuss any aspects of the plan. I can be contacted at (250) 337-5588 or by e-mail at: brian@econ.ca. Alternatively a written response may be submitted via email or to the Econ Consulting mailing address above. Any comments received will be submitted with the new WLP to the District Manager of the Campbell River Natural Resources District, Ministry of Forests, Lands, Natural Resource Development and Rural Development. Depending on responses received the Ministry may contact respondents to conduct follow-up consultation.

With best regards,



Brian Smart, RPF 2813 Econ Consulting

Attachments: .kmz file of the W2001 tenure for locating it on Google Earth

Draft WLP for W2001

Draft WLP Map



K'ómoks First Nation

3330 Comox Road, Courtenay BC V9N 3P8 Tel: (250) 339-4545 Fax: (250) 339-7053

July 13, 2022

Brian Smart, RPF
ECON Consulting
8268 Island Hwy,
Black Creek BC V9J1H6
brian@econ.ca

Re: New Woodlot License Plan for W2001 - Northwest of Campbell River
Agency File No: N/A
Nanwakolas File: IF 22-108F

Mr. Smart,

The K'ómoks First Nation is in receipt of the above-mentioned Information Sharing Request on behalf of Sage Mountain Resources Ltd. regarding a New Woodlot License Plan for Woodlot W2001 located 35 km northwest of Campbell River. The application areas are located within the K'ómoks statement of intent area; it is the interest of the K'ómoks Nation to respectfully maintain our rights and access to the lands and resources throughout our territory.

The K'ómoks First Nation does not have any comments to provide at this time. Please note that this "No Comment" letter is specifically intended for this application and is without prejudice to all future consultation with our Nation regarding not only the renewal of this application but any other application or decision within the K'ómoks traditional territory.

However, since we were never consulted on the original issuance of this woodlot, we may choose in the future to address the issues of Aboriginal rights and/or title infringement and compensation through the treaty process, the courts or other dispute resolution processes. We also reserve the right to raise objections if any cultural use, archaeological sites or environmental impacts are identified when the above project is being carried out or if we discover impacts on our rights or interest that we had not foreseen.

Should you require any further information, please do not hesitate to contact our office.

Sincerely,

Nicole Rempel,
Chief Councillor



CAMPBELL RIVER INDIAN BAND

1650 Old Spit Road, Campbell River, BC, V9W 3E8

Tel-250-286-6949

Fax-250-287-8838

Toll Free-1-877-286-6949

If you have any questions or concerns or would like to set up a meeting, please contact Jen Cooley at (250)286-6949 or by email referrals@weiwaikum.ca

Regards,

Chief Councillor Chris Roberts
Wei Wai Kum First Nation



We Wai Kai Nation

690 Headstart Cres
Campbell River, BC
Phone: (250) 914 - 1890

July 11th, 2022

Brian Smart
Econ Consulting
Brian@econ.ca

Re: Woodlot W2001 woodlot licence plan for review
Agency File No: File: N/A
Nanwakolas File: IF 22-109F

The above application is located within the traditional territory of the We Wai Kai Nation. We have very strong evidence of aboriginal rights and title and historic use and occupation. As holders of Aboriginal Title to these territories, the We Wai Kai First Nation maintains the right to make decisions concerning the use and protection of all lands, waters and resources within our territories.

The We Wai Kai Nation has reviewed the above-mentioned application regarding an information sharing request from Sage Mountain Resources Ltd. for a new draft Woodlot License Plan for Woodlot W2001. We currently have no comments to provide at this time. Please note that this "no comment" letter is specifically intended for this application and is without prejudice to any and all future consultation with our Nation regarding not only this application but any other application or decision within the We Wai Kai traditional territory.

In the event this application is altered in any way the We Wai Kai Nation will require readdress on all amendments of the existing plans. The We Wai Kai Nation also reserves the right to raise objections if any cultural use or archaeological sites are identified when this project is being carried out. The We Wai Kai Nation takes both the Declaration on the Rights of Indigenous Peoples (UNDRIP) and the Provinces "Consultation process" very serious and trust that your government will continue negotiating and acting in "Good Faith" and this application will not proceed until are requests are met.

If you have any questions or concerns or would like to set up a meeting, please contact Casey Inrig at 250-286-7200 or email at caseyinrig@nanwakolas.com

Regards,

Telephone: (250) 914-1890 Fax: (250) 914-1891

June 23, 2022

To: Stephen Jackson, Executive Director
Camp Bob
7898 Island Highway
Black Creek, B.C. V9J 1G5

Via email to: stephen@campbob.ca

RE: New Woodlot Licence Plan for Woodlot W2001

Dear Stephen Jackson,

Sage Mountain Resources Ltd., Licensee of Woodlot W2001, intends to submit a new Woodlot Licence Plan (WLP) for their woodlot tenure. W2001 is located along highway 19, adjacent to the recreation reserves on Roberts Lake and adjacent to Camp Bob.

We would like to know if you have any comments regarding this plan including questions or concerns that you would like to discuss. I am available to meet in person, by web meeting (Zoom), or by telephone to discuss any aspects of the private land removal application. I can be contacted at (250) 337-5588 or by e-mail at: brian@econ.ca. Alternatively a written response may be submitted via email or to the Econ Consulting mailing address above. Any comments received will be submitted with the new WLP to the District Manager of the Campbell River Natural Resources District, Ministry of Forests, Lands, Natural Resource Development and Rural Development. Depending on responses received the Ministry may contact respondents to conduct follow-up consultation.

With best regards,



Brian Smart, RPF 2813 Econ Consulting

Attachments: Draft WLP for W2001
Draft WLP Map

NO RESPONSE Nov 24, 2022

June 23, 2022

To: Hudson LeRoy,
Roberts Lake Resort
Island Highway North
Campbell River, BC, B.C. V9W 5C1

Via email to: robertslakeresort@gmail.com

RE: New Woodlot Licence Plan for Woodlot W2001

Dear Hudson LeRoy,

Sage Mountain Resources Ltd., Licensee of Woodlot W2001, intends to submit a new Woodlot Licence Plan (WLP) for their woodlot tenure. W2001 is located along highway 19, adjacent to the recreation reserves on Roberts Lake and across the lake from Roberts Lake Resort.

We would like to know if you have any comments regarding this plan including questions or concerns that you would like to discuss. I am available to meet in person, by web meeting (Zoom), or by telephone to discuss any aspects of the private land removal application. I can be contacted at (250) 337-5588 or by e-mail at: brian@econ.ca. Alternatively a written response may be submitted via email or to the Econ Consulting mailing address above. Any comments received will be submitted with the new WLP to the District Manager of the Campbell River Natural Resources District, Ministry of Forests, Lands, Natural Resource Development and Rural Development. Depending on responses received the Ministry may contact respondents to conduct follow-up consultation.

With best regards,



Brian Smart, RPF 2813 Econ Consulting

Attachments: Draft WLP for W2001
Draft WLP Map

NO RESPONSE Nov 24, 2022

III. SUPPLEMENTAL INFORMATION

Emails regarding the status of Research Installations, Page 8:


RE: G&Y plot 4-20-512R NW of Campbell River - Forest Licensee management implications

Johansen, Gary FLNR:EX [Gary.Johansen@gov.bc.ca]

You replied on 04/05/2022 8:03 AM.

Sent: Tue 03/05/2022 8:50 AM

To: Brian Smart

Message  PSP Harvest Referrals - Backgrounder 2020.11.18.docx (17 KB)

Hi Brian,

I've attached a document that provides background information on the PSP program and some of the criteria we evaluate when deciding whether we release a PSP for harvest or protect it. We use this same criteria for all referrals. For more information about the PSP program please visit the [website](#) and read the [memo](#) from the Chief Forester in regards to protection of PSPs.

Regarding 04-20-512R, this is a PSP we no longer plan to remeasure or protect.

Thanks for checking with us,

Gary Johansen, RPF
Forest Analysis and Inventory Branch
Mailing address: PO Box 9512 Stn Prov Govt, Victoria, BC, V8W 9C2
Physical address: 3rd Floor 1520 Blanshard St, Victoria BC V8W 3K2
Ph: 778-974-2845

From: Brian Smart <Brian@econ.ca>

Sent: May 2, 2022 3:53 PM

To: Johansen, Gary FLNR:EX <Gary.Johansen@gov.bc.ca>

Subject: G&Y plot 4-20-512R NW of Campbell River - Forest Licensee management implications

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hello Gary,

I am writing a woodlot licence plan and found your G&Y plot 4-20-512R within Woodlot W2001 (also partly in W2002). I looked up the particulars on BC iMAP but I'm not sure what the Licensee's obligations are regarding this plot. The iMAP info says it has a 300m buffer – but the plot has a 300 m radius, so is the G&Y installation a point?

Could you please let me know if the woodlot licensee is to avoid harvesting this entire area or leave a buffer or some other approach?

Thanks very much, Brian.

Brian Smart, RPF
ECON Consulting
ph: 250-337-5588
www.econ.ca

RE: RE: Status of Provenance Trial EP0599.03

Degner, Jonathan FLNR:EX [Jonathan.Degner@gov.bc.ca]

You replied on 04/05/2022 11:14 AM.

Sent: Wed 04/05/2022 11:05 AM

To: Brian Smart

Cc: Research Inquiries FLNR:EX; Sherwood, James FLNR:EX; Cortini, Francesco FLNR:EX

Hi Brian,

Unfortunately, we do not presently have a public database of all of the forest genetics trials on the coast. However, I would be happy to provide you any information you might want on the research plot in question.

For some brief background, the trial is part of a large series of experiments looking at how well Douglas-fir from Oregon to BC grow in a variety of coastal environments. I believe it was planted in 1971, but I could be off by a year or two there. It is still an active research plot as we are using it to evaluate long-term adaptation, but we acknowledge that many of our older trials have reached rotation age and are willing to release them back to the land base in most circumstances. However, if the trial is to be harvested, we would request some timelines to allow us to make a final set of measurements on that trial.

Regards,

Jon Degner
Coastal Tree Breeder, A.Ag.

Forest Improvement and Research Management Branch
BC Ministry of Forests
7380 Puckle Rd, Saanichton, BC V8M 1W4
Office (778) 572-2984
Cell (778) 791-3010
Jonathan.Degner@gov.bc.ca

From: Cortini, Francesco FLNR:EX <Francesco.Cortini@gov.bc.ca>

Sent: May 4, 2022 9:21 AM

To: 'Brian Smart' <Brian@econ.ca>

Cc: Degner, Jonathan FLNR:EX <Jonathan.Degner@gov.bc.ca>; Research Inquiries FLNR:EX <ResearchInquiries@gov.bc.ca>; Sherwood, James FLNR:EX <James.Sherwood@gov.bc.ca>

Subject: RE: Status of Provenance Trial EP0599.03

Good morning Brian:

Ryan Jordan forwarded me your inquiry. We now have a general email address for these types of requests:
researchinquiries@gov.bc.ca

Jon Degner (CC'd) will be able to help you with your request. For our records, please makes sure to 'reply to all' in any further communication.

Thanks for reaching out;

Francesco

RE: RE: Status of Provenance Trial EP0599.03

Degner, Jonathan FLNR:EX [Jonathan.Degner@gov.bc.ca]

You replied on 04/05/2022 11:14 AM.

Sent: Wed 04/05/2022 11:05 AM

To: Brian Smart

Cc: Research Inquiries FLNR:EX; Sherwood, James FLNR:EX; Cortini, Francesco FLNR:EX

Jon Degner (CC'd) will be able to help you with your request. For our records, please make sure to reply to him in any further communication.

Thanks for reaching out;

Francesco



Francesco Cortini *PhD RPF*
Research Management Lead
Forest Improvement and Research Management Branch
Office of the Chief Forester | Victoria
Caring for BC's Forests
Office: 778-974-5495
Email: Francesco.Cortini@gov.bc.ca



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From: Brian Smart <Brian@econ.ca>

Sent: May 4, 2022 8:38 AM

To: Jordan, Ryan J FLNR:EX <Ryan.J.Jordan@gov.bc.ca>

Subject: Status of Provenance Trial EP0599.03

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hello Ryan,

I am trying to determine the status of a provenance trial within a woodlot north of Campbell River, number EP0599.03. Your email was listed as the contact person. I was not able to find anything on the internet. I see the Southern Interior Region of the Forest Sciences Section has a website listing trials here: [Ministry of Forests, Lands and Natural Resource Operations - Province of British Columbia \(gov.bc.ca\)](#) but I cannot find a similar one for the Coast Region. If there is a coastal website for trials could you please direct me to it and or let me know the status of EP0599.03?

Thanks very much, Brian.

Brian Smart, RPF
ECON Consulting
ph: 250-337-5588
www.econ.ca

RATIONALE IN SUPPORT OF PROPOSED ALTERNATIVE PERFORMANCE REQUIREMENTS

CWHxm1 stocking standards are the approved stocking standards with assigned stocking standards ID numbers from Woodlot Licence Plan #1. Stocking standards 1038042 - 1038050 are the general stocking standards. Stocking standards 1038051 and 1038052 are the deciduous stocking standards. 1038053 – 1038058 apply to sites affected by root rot.

The CWHmm1 Stocking Standards have been developed from the *Reference Guide for FDP Stocking Standards* dated September 7, 2021.

Recommended Regime: The product objective is to manage for high quality knot-free sawlogs on a 40 - 50 year rotation. Stand-establishment with high densities (1500 sph) is required to achieve a target of 1200 stems/ha at free growing. At approximately age 10, but not before stand height 12 to 16 m, space to 900 stems/ha. Dead branch prune the crop trees early and continue density regulation treatments approximately every 10 years to maintain good crown forms and eliminate low quality stems.