



Original X Amendment

Date: December 5th, 2019

1.0 Tenure

Licensee	License No.	Cutting Permit	Cutblock/Road ID
Husby Forest Products Ltd.	F.L. A16869	TBD	Block: COL406 Road(s): Br402 (5+344 to 7+430 m), Sp406a (0+000 to 0+116 m)
Location	FDU	Mapsheet – Opening	Timber Mark
Collison Point	Otun	103F 079	TBD
Silviculture Field Work	Region	District	TSA
Trevor Chernoff, RPF	West Coast	Haida Gwaii	25

Authorizing FSP	Approval Date	Expiry Date	Amended Date
Husby Group Haida Gwaii Forest Stewardship Plan 2018-2023	November 1, 2018	October 31, 2023	N/A
Amendment Details			Amendment #: –
			☒ N/A

2.0 Appendices & Attachments

- SP Map

3.0 Area Breakdown

3.1 Area Summary

NAR	28.9	Net Area to be Reforested.
WTRA	2.2	Wildlife Tree Retention Area = 7.1%
Retention	0.2	In-Block Reserves and Variable Retention (VR).
NP nat	0.0	Natural non-productive area.
PAS	1.9	= 6.5% of the TAUP
Total	31.1	Total Area Under Prescription

3.2 NAR Ecosystem & Critical Factors

SU	Total NAR (ha)	Harvest System	Eco-Type	Critical Factors – Remarks
1	17.0	Variable Retention	CWHwh1 01	None.
2	9.8	Variable Retention	CWHwh1 04	None

4.0 Ecological Description (see SP Map)

Strata	Subzone Site series – % Edatope	Stand Type Present vol./ha · SI ₅₀	Slope (%) Aspect Elevation	Humus & Depth Texture & Depth CFC %	Slope Position Drainage Restrict. Layer
SU 1	CWHwh1 01 4/C	Mature ~929 m ³ /ha · ~30	0 – 5% Full 0 – 30m	Mor 5-10 cm SL >40 cm 85%	Level Imperfect – Well Seepage
SU 2	CWHwh1 04 5/C	Mature ~929 m ³ /ha · ~30	0 – 5% Full 0 – 30m	Mor 10-15 cm SL >40 cm 85%	Level Imperfect Seepage

5.0 Free Growing Stocking Standards

ID #	SU	Regen. Method	Species & Free Grow Ht. (m)	Well-Spaced TSS · MSS (sph)	Min. Post-Harvest Cedar (sph)	Min. Distance (m)	Regen. & FG (yrs.)	Brush Ratio (%)
1060909	1	PLNT	Hw – 2.0 Ss – 3.0 Cw – 1.2 Dr – 4.0	900 · 500	150	2.0 (Dr/1.5)	6 · 20	150
1060913	2	PLNT	Cw – 1.2 Hw – 1.3 Yc – 1.2 Plc – 1.3 Ss – 2.0 Dr – 4.0	900 · 500	4665 Total Stems	2.0 (Dr/1.5)	6 · 20	150

6.0 Soil Conservation

6.1 Hazard & Disturbance Table

SU	Soil Compaction	Soil Displacement	Surface Erosion	Depth to Unfavorable Subsoil		Type of Unfavorable Subsoil
				Minimum (cm)	Maximum (cm)	
1	L	L	M	15	35	Seepage
2	L	M	M	15	35	Seepage

6.2 Soil Disturbance and Permanent Access Structures (PAS)

SU	Sensitive Soils (Y/N)	Max. Allowable Soil Disturbance (MASD) (%)	Max. Amount TAS Exceed MASD Prior to Rehab. (%)	MASD for Roadside Work Area (%)	Max. PAS (%)
1	N	10	10	25.0	7.0
2	N	10	10	25.0	7.0
Comments		<p>Soil disturbance is not to exceed 10% of the NAR except in roadside work areas (FPPR Section 35(3)). This area is defined as one tree-length from the edge of the road prism for the purposes of this Site Plan.</p> <p>There are 1.9 ha of Permanent Access Structures (PAS) that are planned to facilitate harvesting of this opening. This represents 6.5% (0.4% added to accommodate for unexpected turnouts and pits) of the Total Area Under Prescription (TAUP) and is below the maximum specified in Section 36 of the FPPR.</p>			

7.0 Prescription Approval

Licensee Acknowledgment of Commitment

Date



Trevor Chernoff, RPF

November 26, 2019

R.P.F. Signature & Seal

Date



"I certify that the work described herein fulfills the standards expected of member of the Association of British Columbia Forest Professionals and that I did personally supervise the work."



"I certify that I have reviewed this document and, while I did not personally supervise the work described, I have determined that this work has been done to the standards expected of a member of the Association of British Columbia Forest Professionals."

CUTBLOCK BOUNDARY /FALLING CORNER STANDARD UNIT BOUNDARY

PROPOSED CUTBLOCK

HARVESTED AREAS

GREEN UP AREAS

WILDLIFE TREE RETENTION AREA

IN BLOCK RESERVE

VARIABLE RETENTION

TREE CROWN MODIFICATION

BUILT/ACTIVE ROAD

LOCATED ROAD

DEACTIVATED OR WILDERNESS ROAD

STREAM NUMBER

REACH NUMBER

TYPE

FISH CREEK

UPLANDS STREAM (NON-FISH CREEK)

NON-Classified DRAINAGE

REACH BREAK / WATERFALL

FISH HABITAT

TYPE I

TYPE II

WETLAND

LAKE

WETLAND RRZ

INDEX CONTOUR

CONTOUR (20m INTERVAL)

FC 1

2 (1) SX (Defers to S6)

TYPE I

TYPE II

TYPE I

TYPE II

Stocking Standards I.D. # 1060909										
Preferred Species/Min Free Growing Height (m)		Well Spaced Stocking (sph)		Regen/FG Date (Yrs)	Min. Horizontal Distance (m)	Minimum Cedar				
		Target	Min.			Pre-Harvest	Post-Harvest			
						% of Total Live sph	Well Spaced sph			
Hw	2	900	500	6/20	2	7%	0			
Ss	3									
Cw	1.2									
Dr	4									
Stocking Standards I.D. # 1060913										
Preferred Species/Min Free Growing Height (m)		Well Spaced Stocking (sph)		Regen/FG Date (Yrs)	Min. Horizontal Distance (m)	Minimum Cedar				
		Target	Min.			Pre-Harvest	Post-Harvest			
						% of Total Live sph	Well Spaced sph			
Cw	1.2	900	500	6/20	2	7%	0			
Hw	1.3									
Yc	1.2									
Plc	1.3									
Ss	2									
Dr	4									

Landscape Unit: Otun
Sub Basin: 557, 725

STOP
IF YOU ARE UNSURE ABOUT ANYTHING ON THIS MAP, CONTACT YOUR SUPERVISOR BEFORE PROCEEDING

Stream Reach	Riparian Class	LUO Type	RRZ(m)	RMZ(m)
CRK 405-3(1)	S3	1	60	N/A

N.A.R. Ecosystem & Critical Factors

SU	Total N.A.R.	Clearcut N.A.R.	Partial Cut N.A.R.	Eco-Type	Critical Factors - Remarks
1	17.0	17.0	0.0	CWHwh1 01 ₁₀₀	None.
2	9.8	9.8	0.0	CWHwh1 04 ₁₀₀	
Σ	26.8	26.8	0.0		

Area Summary

N.A.R.	26.8	Net area to be reforested.
W.T.R.A.	2.2	Wildlife Tree Retention Area = 7.1%
Retention	0.2	Variable Retention.
NP nat	0.0	Natural non-productive area
PAS	1.9	= Plus 0.4% buffer to accommodate for unexpected turnouts and pits = 6.5%.
Total	31.1	Total Area Under Prescription

FINAL

HUSBY FOREST PRODUCTS LTD.

COL406

SITE PLAN

AREA: 31.1 Ha

Map Date: DEC. 4 2019

BASE MAP: 103F079 BC ALBERS

Haida Gwaii Forest District TSA 25

PRODUCED BY:

6425 RIVER ROAD DELTA, BC V4K 5B9

Drawn By: B.P.

F.L. A16869

SUSTAINABLE FORESTRY INITIATIVE

PwC-SFIS-238