



# The Teal-Jones Group

**Teal Cedar Products Ltd.**

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District Manager  
Ministry of Forests and Range  
Haida Gwaii Forest District  
P.O. Box 39  
Queen Charlotte, B.C.  
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October 2, 2008

Attention: Len Munt

**RE: Amendment #5 to the 2007 – 2012 Forest Stewardship Plan, TFL 58, FL A16870, TL T0184, TL T0253**

Dear Len Munt:

I am submitting the following amendment to the above referenced forest stewardship plan under FRPA Sec. 16. I have determined that the proposed amendment materially changes the intended results or strategies specified in the plan and is not eligible for declaration under FRPA Sec. 20(1). I also note that this amendment is submitted in respect of FPPR Sec. 16 and is exempted under FPPR Sec. 20(5) from the requirement to publish a notice in a newspaper.

*Amendment*

The regen dates in Tables 8.1, 8.2 and 8.3 are amended as follows:

**Table 8.1 CWHwh1 Stocking Standards**

BEC: CWHwh1																		
Site Series	Preferred Species						Acceptable Species						Stocking (well spaced)			Regen Date		
	1	Ht (Min)	2	Ht (Min)	3	Ht (Min)	1	Ht (Min)	2	Ht (Min)	3	Ht (Min)	4	Ht (Min)	Target P&A (s/p)		Min P&A (s/p)	Min P (s/p)
01	Hw	2.0	Ss <sup>25</sup>	3.0			Cw	1.5							900	500	400	12
01s	Cw	1.5	Hw	2.0											900	500	500	12
02	Cw	1.2	Hw	1.25			Pl <sup>13</sup>	1.25	Ss	2.0					900	500	400	12
03	Cw	2.0	Ss	4.0	Yc <sup>13</sup>	1.2	Hw	2.75							900	500	400	12
04	Cw	1.2	Hw	1.25	Yc <sup>13</sup>	1.2	Pl	1.25	Ss <sup>25</sup>	2.0					900	500	400	12
05	Cw	2.0	Ss	4.0			Hw	2.75							900	500	400	12
06	Cw <sup>1</sup>	2.0	Ss	4.0	Yc <sup>13</sup>	1.2	Hw	2.75	Hm <sup>13</sup>	2.75					800	500	400	12
07	Cw	2.0	Ss <sup>1</sup>	4.0			Hw	2.75							900	500	400	12
08	Ss <sup>1</sup>	4.0					Cw	2.0							900	500	400	12
10	Cw <sup>1</sup>	1.2					Hw	1.25	Yc <sup>1</sup>	1.2	Pl <sup>1</sup>	1.25	Ss <sup>7</sup>	1.25	800	400	300	12
12	Cw <sup>1</sup>	1.2					Hw	1.25	Yc <sup>1</sup>	1.2	Pl <sup>1</sup>	1.25	Ss <sup>1</sup>	1.25	800	400	400	12

- 1- elevated microsites are preferred
- 2- suitable on thick forest floors
- 7- restricted to nutrient-medium sites
- 8- minor component
- 13- restricted to upper elevations biogeoclimatic unit
- 25- suitable on sites lacking salal
- 26- suitable minor species on salal dominated sites
- 36- major species on salal-dominated sites
- 53- minor component

**Table 8.2 CWHwh2 Stocking Standards**

BEC: CWHwh2																		
Site Series	Preferred Species						Acceptable Species						Stocking (well spaced)			Regen Date		
	1	Ht (Min)	2	Ht (Min)	3	Ht (Min)	1	Ht (Min)	2	Ht (Min)	3	Ht (Min)	4	Ht (Min)	Target P&A (s/p)		Min P&A (s/p)	Min P (s/p)
01	Hw	2.0					Ss	1.5	Cw	1.5	Yc	1.5	Hm <sup>13</sup>	2.0	900	500	400	12
02	Hw	2.0	Cw	1.5	Yc	1.5	Hm	1.0	Ss <sup>7,14</sup>	1.5					900	500	400	12
03	Hw	2.0	Cw	1.5	Yc	1.5	Ss <sup>14</sup>	1.5							900	500	400	12
04	Cw <sup>1</sup>	1.5	Hw <sup>1</sup>	2.0	Y <sup>1</sup>	1.5	Ss <sup>1,14</sup>	1.5							800	400	200	12
05	Yc <sup>1</sup>	1.2					Cw <sup>1</sup>	1.2	Hm <sup>1</sup>	0.8	Ss <sup>1,14</sup>	1.5	Hw <sup>1</sup>	1.25	400	200	200	12
06	Yc <sup>1</sup>	1.2					Cw <sup>1</sup>	1.2	Hm <sup>1</sup>	0.8	Ss <sup>1</sup>	1.5	Hw <sup>1</sup>	1.25	800	400	400	12

- 1- elevated microsites are preferred
- 7- restricted to nutrient-medium sites
- 13- restricted to upper elevations of biogeoclimatic unit
- 14- restricted to lower elevations of biogeoclimatic unit

**Table 8.3 CWHvh2 Stocking Standards**

BEC: CWHvh2																		
Site Series	Preferred Species								Acceptable Species						Stocking (well spaced)			Regen Date
	1	Ht (Min)	2	Ht (Min)	3	Ht (Min)	4	Ht (Min)	1	Ht (Min)	2	Ht (Min)	3	Ht (Min)	Target P&A (s/p)	Min P&A (s/p)	Min P (s/p)	
01	Cw	1.5	Hw	2.0					Pl	1.5	Yc	1.5	Ss <sup>7</sup>	3.0	900	500	400	12
02	Pl	1.25							Cw	1.2	Yc	1.2	Hw <sup>53</sup>	1.25	400	200	200	12
03	Cw	1.2	Hw	1.25	Pl	1.25	Yc	1.2	Ss <sup>7,53</sup>	2.0				800	400	400	12	
04	Hw	1.75	Ss	4.0					Cw	2.0	Yc	2.0		900	500	400	12	
05	Cw	2.0	Ss	4.0					Hw <sup>2</sup>	1.75	Yc	2.0		900	500	400	12	
06	Cw	2.0	Ss	4.0					Hw <sup>2</sup>	1.75	Yc	2.0		900	500	400	12	
07	Cw	2.0	Ss	4.0					Hw <sup>2</sup>	1.75	Yc	2.0		900	500	400	12	
08	Cw	2.0	Ss	4.0					Hw	1.75				900	500	400	12	
09	Ss <sup>1</sup>	4.0							Cw <sup>1</sup>	2.0	Hw <sup>1</sup>	1.75		900	500	400	12	
11	Cw <sup>1</sup>	1.2	Hw <sup>1</sup>	1.25	Yc <sup>1</sup>	1.2			Pl <sup>1</sup>	1.25				900	500	400	12	
12	Cw <sup>1</sup>	1.2	Pl <sup>1</sup>	1.25	Yc <sup>1</sup>	1.2								400	200	200	12	
13	Cw <sup>1</sup>	1.2	Yc <sup>1</sup>	1.2					Hw <sup>1</sup>	1.25	Ss <sup>1</sup>	2.0	Pl <sup>53</sup>	1.25	800	400	400	12

- 1- elevated microsites are preferred
- 2- suitable on thick forest floors
- 7- restricted to nutrient-medium sites
- 53- minor component

**Rationale**

FPPR Sec. 44 establishes a default free growing date of 20 years, which is significantly later than the previous provincial late free growing dates of either 11 or 14 years. However, our FSP's approved regen dates of either 3 or 6 years are unchanged from the legislated requirements of the Forest Practices Code era. This amendment proposes establishing regen dates that provide for the same 8 year intervals between regen dates and free growing dates formerly in place under the Code.

Significant natural regeneration occurs in our operating area and our approved regen dates do not allow us to take advantage of this ingress. Our planting program must be scheduled primarily to meet the regen dates rather than the more significant free growing dates. If we only had to manage for our free growing obligations, we would have the flexibility to survey the level of natural infilling occurring up to year 8. We could then fill plant as necessary in year 9 to meet our regen date obligations of year 12. We propose no change to our approved free growing dates.

Our planting costs, especially for protected cedar trees, are very high. Yet we find that many blocks fill in significantly with preferred and acceptable species (including cedar) by year 8. Many areas planted since 1994 have had significant cedar ingress above the levels planted. Our most recent surveys in selected blocks in the Spur 20/29 area show twice the number of total inventoried cedar over the number of trees planted. The following chart illustrates this trend.

Block	Ha	Logged	Planted	Total Planted	plant/ha	Cw Planted	planted/ha	Cw to date	% Change
20B/4	42.1	1994	1995	44,900	1,067	37,640	894	1,135	27%
29/5	22.4	1995	1996	31,390	1,401	21,825	974	467	-52%
14K/1	32.4	1996	1997	33,370	1,063	33,270	1,060	1,971	86%
20B/6	20.1	1997	1998	23,363	1,162	19,038	947	2,460	160%
14K/9	23	1997	1998	26,926	1,170	24,021	1,143	2,156	89%
GRAY01	5.7	1999	2000	5,683	997	5,563	976	2,460	152%
GRAY04	21.9	1999	2000	26,925	1,229	7,080	323	1,026	218%
GRAY07	27	1999	2000	28,970	1,073	21,145	783	2,926	274%
GRAY20	8.3	1999	2001	9,480	1,142				
GRAY21	18.4	1999	2000	20,770	1,129				
GRAY08	25.6	2000	2001	25,715	1,004	8,670	339	1,577	365%
GRAY03	29.2	2000	2001	27,103	928	10,658	365	593	62%
GRAY10	17.3	2001	2002	17,114	989	5,179	376	505	34%
GRAY06	35.7	2001	2002	21,657	607	11,232	315	1,188	277%
GRAY02	19.1	2003	2005	15,905	833	7,800	408	895	119%
GRAY11	12.4	2004	2006	9,605	776	5,710	460	618	34%
GRAY24	12.7	2004	2007	9,810	772				
GRAY25	3.8	2004	2006	3,720	979				
GRAY26	2.3	2004	2006	2,270	987				
GRAY28	6.3	2005	2007	6,720	1,067				
GRAY31	32	2005	2006	28,165	880	6,340	537	150	-72%
Total							9,900	20,127	103%

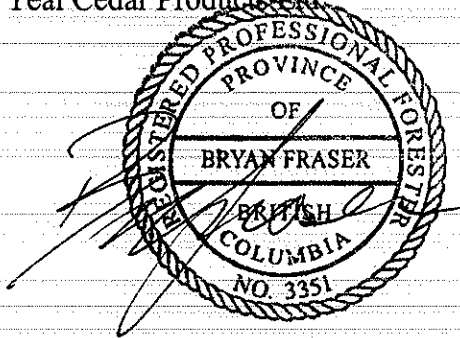
NFG  
Possibly  
FC

This would indicate good germination of Cw naturals post-harvest and light browse damage. Observations from previous surveys indicate that browse levels can vary widely between blocks or portions of blocks. It appears likely that increased hunting and recreational use has reduced the deer population in portions of our operating area

In proposing this amendment, I have considered FPPR Factor 6(3)(a)(ii): the numbers and the distribution of healthy trees of a species that are required to adequately stock a free growing stand established on an area. I find these proposed regen dates to be consistent with the objective of establishing free growing stands within the approved free growing period.

Should you have any questions or concerns please feel free to contact me at (250) 637-5323 ext. 6 or via email at [bfraser@tealjones.com](mailto:bfraser@tealjones.com).

Sincerely,  
Teal Cedar Products Ltd



Name: Bryan Fraser, RPF  
Operations Forester

*"I certify that the work described herein fulfills the standards acceptable of a Registered Professional Forester and that I did personally supervise the work."*

A handwritten signature in cursive script that reads "Brad Tanner".

Name: Brad Tanner  
Licensee Representative

cc: Sonia Rice, Referrals Coordinator, Haida Heritage and Forest Guardians  
Gerry Johnson, CHN Forestry Manager