

Appendix 5

Stocking Standards Tables

2.1 Stocking Standards for TFL 58 (Haida Gwaii Natural Resource District). The following tables outline the stocking standards that apply to even-aged management stands.

Table 1		Regeneration Standards – Even Aged Stands				
ID # Assigned	BGC Classification		Species	Stocking		Regen. Delay (Max yrs)
	Zone/SZ	Series	Ecological Suitable Species (Acceptable)	Target	Minimum	
	CWHwh1	01	Cw 1.2 Hw 2.0 Ss 3.0 Dr 4.0 Plc 2.0	900	500	6
	CWHwh1	01s	Cw 1.2 Plc 2.0 Hw 2.0 Ss 3.0	900	500	6
	CWHwh1	02*	Cw 1.2 Plc 1.3 Hw 1.3 Ss 2.0	800	400	6
	CWHwh1	03	Cw 2.0 Hw 2.8 Yc 1.2 Dr. 4.0	900	500	6
	CWHwh1	04	Cw 1.2 Hw 1.3 Yc 1.2 Plc 1.3 Ss 2.0 Dr 4.0	900	500	6
	CWHwh1	05	Cw 1.2 Hw 2.8 Ss 3.0 Dr 4.0	900	500	6
	CWHwh1	06	Cw 1.2 Hw 2.8 Ss 3.0 Hm 2.8 Dr 4.0	900	500	6
	CWHwh1	07	Cw 2.0 Hw 2.8 Ss 3.0 Dr 4.0	900	500	6
	CWHwh1	08	Cw 2.0 Ss 3.0 Dr 4.0	900	500	6
	CWHwh1	10	Cw 1.2 Hw 1.3 Yc 1.2 Plc 1.3 Ss 2.0 Hm 0.8	800	400	6
	CWHwh1	11	Plc 1.3 Cw 1.2 Yc 1.2	400	200	6
	CWHwh1	12	Cw 1.2 Yc 1.2 Ss 1.3 Plc 1.3	800	400	6

*avoid logging these sites.

Table 2		Regeneration Standards – Even Aged Stands				
ID # Assigned	BGC Classification		Species	Stocking		Regen. Delay (Max yrs)
	Zone/SZ	Series		Ecological Suitable Species (Acceptable)		
				Target	Minimum	
	CWHwh2	01	Cw 1.2 Yc 1.5 Hw 2.0 Hm 1.0 Ss 1.5	900	500	6
	CWHwh2	02	Cw 1.2 Yc 1.5 Hw 2.0 Hm 1.0 Ss 1.5	900	500	6
	CWHwh2	03	Cw 1.2 Yc 1.5 Hw 2.0 Ss 1.5	900	500	6
	CWHwh2	04	Cw 1.2 Yc 1.5 Hw 2.0 Ss 1.5	800	400	6
	CWHwh2	05	Cw 1.2 Yc 1.2 Hw 1.3 Hm 0.8 Ss1.0	400	200	6
	CWHwh2	06	Cw 1.2 Yc 1.2 Hw 1.3 Hm 0.8 Ss1.0	800	400	6

Table 3		Regeneration Standards – Even Aged Stands				
ID # Assigned	BGC Classification		Species	Stocking		Regen. Delay (Max yrs)
	Zone/SZ	Series		Ecological Suitable Species (Acceptable)		
				Target	Minimum	
	CWHvh2	01	Cw 1.2 Hw 2.0 Plc 1.3 Ss 3.0 Yc 1.5)	900	500	6
	CWHvh2	02*	Plc 1.3 Cw 1.2 Yc 1.2 Hw 1.3	400	200	6
	CWHvh2	03	Cw 1.2 Hw 1.3 Plc 1.3 Yc 1.2 Ss 2.0 Dr 4.0	800	400	6
	CWHvh2	04	Cw 1.2 Hw 1.8 Ss 3.0 Yc 2.0 Dr 4.0	900	500	6
	CWHvh2	05/06/07	Cw 1.5 Ss 3.0 Hw 1.8 Yc 1.5 Dr 4.0	900	500	6
	CWHvh2	11	Cw 1.2 Hw 1.3 Yc 1.2 Plc 1.3	800	400	6
	CWHvh2	12	Cw 1.2 Plc 1.3 Yc 1.2	400	200	6
	CWHvh2	13	Cw 1.2 Yc 1.2 Hw 1.3 Plc 1.3	800	400	6

* avoid logging these sites.

Ecologically Suitable Species

These are species that have been found to occur based on available soil water and nutrients as published in The Distribution and Synopsis of Ecological and Silvical characteristics of tree species in British Columbia's forests. The soil moisture regime and soil nutrient regime are combined into an edatope. The edatopic grid for each species determines infrequent, frequent to very frequent occurrences. Ecologically suitable species in the context of this stocking standard are found in the frequent to very frequent ranges due to moderate to good vigour performance unless limited by a footnote. The prescribing Forester must determine suitability based on site specific criteria such as soil moisture and nutrient regimes, aspect and elevational transition zones determined in the field.

Sitka Spruce (Ss)

On marginal sites: CHWwh1 (01s, 04, 10, 12); CWHwh2 (02, 05, 06) and CWHvh2 (01, 13) where Ss is accepted, it will only be accepted to a maximum of 50% of the minimum stocking density. On these sites, Ss will be limited in terms of its acceptance at regen and Free-Growing to microsites that are medium or better, in terms of productivity (Soil Nutrient Regimes C-E). Sitka spruce will be targeted on elevated and productive microsites. In terms of elevation, Ss will be focused on lower elevation sites and planted within the applicable elevation range for the stock.

Lodgepole Pine (Plc)

On marginal sites: CHWwh1 (01s, 02, 04, 10); CWHwh2 (02, 05, 06) and CWHvh2 (11, 13, 14, 16) where Plc is accepted, it will only be accepted to a maximum of 50% of the minimum stocking density. On these sites, Plc will be limited in terms of its acceptance at regen and Free-Growing to microsites that are medium or poorer, in terms of productivity (Soil Nutrient Regimes A-C). Lodgepole pine will be targeted on depressional, folisolic and other poor productivity microsites.

Red Alder (Dr)

Natural red alder ingress will be defaulted to a preferred species on all sites within 3 metres of any stream banks where harvesting is permissible.

Conifer Tree Species

"Cw" means western red cedar;
"Hm" means mountain hemlock;
"Hw" means western hemlock;
"Plc" means coastal lodgepole pine;
"Ss" means Sitka spruce; "Yc" means yellow cedar.

Broadleaf Tree Species

"Dr" means red alder

