



WASTE ASSESSMENTS

Waste is defined as merchantable Crown timber, whether standing or felled, that is not reserved from cutting and remains on site upon the completion of primary logging of each cut block or at the expiry of the agreement or cutting permit. The Ministry of Forests and Range will issue waste bills charging for this waste.

Despite that some licences contain obligatory timber utilization clauses, licensees are no longer obligated to cut and remove timber from the area authorized for timber harvesting under the timber sale licence (cutting authority area). Section 103.1(2) of the *Forest Act* has removed the obligation to harvest timber.

All waste will be assessed in accordance with the Waste Assessment policy and the Provincial Logging and Waste Measurement Procedures Manual (Waste Manual) in effect at the time the assessment is conducted.

Merchantable timber is defined in the Waste Manual as any timber that meets or exceeds the timber merchantability specifications stated in the Manual. Waste will be assessed subject to those specifications and applicable waste benchmarks contained in the Manual.

Waste is classified as either unavoidable or avoidable. Unavoidable waste is that which is inaccessible or physically obstructed, or could not be felled, bucked or removed due to safety or environmental reasons. Avoidable waste is that which is not included in unavoidable waste. Avoidable waste will be billed according to the species and log grades.

The Waste Manual describes procedures for measuring waste, and for calculating the value of waste to be billed. It also describes waste benchmarks, the volume above which waste will be billed. Waste benchmarks do not apply to cut-blocks where timber harvesting has not commenced.

Licensees should become familiar with the Waste Manual and the implications of not removing merchantable timber.

The former timber utilization standards and the timber merchantability specifications are provided for comparison in the tables accompanying this insert.

November 21, 2006

COAST

Timber Utilization Standards

Description		Mature*	Immature*
Stumps**			
	No higher than	30 cm	30 cm
Top diameter (inside bark)			
	All timber that meets or exceeds	15 cm	10 cm
Slab thickness (cedar only)			
	All slabs that meet or exceed	15 cm	10 cm
Minimum length			
	Log or slab	3 m	3 m
*	For these purposes, "mature" timber means timber that has an average age of 121 years or older and "immature" means timber that has an average age of less than 121 years.		
**	Measured on the side of the stump adjacent to the highest ground.		

Source: Appendix 6: Timber Utilization Standards
Logging Residue and Waste Procedures Manual, effective July 2002.

Timber Merchantability Specifications

Description		Mature*	Immature*
Stumps**			
	No higher than	30 cm	30 cm
Top diameter (inside bark)			
	All timber that meets or exceeds	15 cm	10 cm
Slab thickness			
	All slabs that meet or exceed (cedar only)	15 cm	10 cm
	All slabs that meet or exceed (all other species)	10 cm	10 cm
Minimum length			
	Log or slab	3 m	3 m
*	For these purposes, "mature" means 50+% of coniferous timber in a cut-block having an average age of 121 years or older and deciduous timber having an average age of 41 years or older.		
**	Measured on the side of the stump adjacent to the highest ground.		

Source: Provincial Logging Residue and Waste Measurement Procedures Manual, May 5, 2006.

INTERIOR

Timber Utilization Standards

Description	Mature*
Stumps**	
No higher than	30 cm
Diameter (outside bark) at stump height	
Lodgepole pine: all timber that meets or exceeds	15 cm
All other species: all timber that meets or exceeds	20 cm
Top diameter (inside bark of slab thickness)	
For all species and ages, except Cedar older than 141 years, all timber that meet or exceed	10 cm
For Cedar older than 141 years	15 cm
Minimum length	
Log or slab	3 m
*	"Mature" means timber which has an average age of 121 years or older.
**	Measured on the side of the stump adjacent to the highest ground.

Source: Appendix 6: Timber Utilization Standards
 Logging Residue and Waste Procedures Manual, effective July 2002.

Timber Merchantability Specifications

Description	All Stands
Stumps**	
No higher than	30 cm
Diameter (outside bark) at stump height	
Lodgepole pine: all timber that meets or exceeds	15 cm
All other species: all timber that meets or exceeds	20 cm
Top diameter (inside bark of slab thickness)	
For all species and ages, except Cedar older than 141 years, all timber that meets or exceeds	10 cm
For Cedar older than 141 years	15 cm
Minimum length	
Log or slab	3 m
**	Measured on the side of the stump adjacent to the highest ground.

Source: Provincial Logging Residue and Waste Measurement Procedures
 Manual, May 5, 2006.