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March 31, 2015

**BY EMAIL**

To: Regional Executive Directors

From: Grant Loeb  
A/Director  
Timber Pricing Branch

**Re: Amendment No. 23 to the *Provincial Logging Residue and Waste Measurement Procedures Manual***

I hereby approve Amendment No. 23 to the *Provincial Logging Residue and Waste Measurement Procedures Manual*, and attached a copy for your use.

The purpose of this amendment is to extend the expiry date of the waste benchmarks until September 30, 2015.

Amendment No. 23 comes into effect on April 1, 2015.

<http://www.for.gov.bc.ca/hva/manuals/rwprocedures.htm>

Grant Loeb  
A/Director  
Timber Pricing Branch

pc: Paul Knowles, Executive Director, Timber Operations and First Nations Division,  
Ministry of Forests, Lands and Natural Resource Operations  
Grant Loeb, A/Director, Timber Pricing Branch  
Keith Tudor, Manager, Timber Measurements  
Shawna Young, Residue and Log Salvage Policy Forester



## Appendix 4 Riparian Management Zone (RMZ)

### A4.1 Assessment Method

For waste assessments to be conducted within the riparian management zone, the assessment method should commensurate with the silvicultural system used, as follows:

•	single tree selection	-	100 percent piece scale, or 50 m <sup>2</sup>
•	group selection	-	100 percent piece scale or (circular or rectangular) plot of 50 to 400 m <sup>2</sup> that best fits the group selection harvested area.

Refer to Section 4.7 for assessing partial cutting (variable retention) cutblocks, and Section 5.7.2 for stratum codes.

### A4.2 Stream Clean-out

For stream clean-out conducted in accordance with the Riparian Management Area Guidebook, the waste classification procedures are as follows:

1. Where a log is left across a creek, classify the log as unavoidable for environmental reasons.
2. If a creek was machine cleaned and it was reasonable to recover the log pieces, classify the pieces as avoidable.
3. If a creek was hand cleaned and the log was bucked into small segments and thrown out of the creek channel, classify the pieces as unavoidable.

## Appendix 5 Waste Benchmarks

### 1. Benchmarks

Waste benchmarks will be in effect until **September 30, 2015**, unless terminated earlier.

On an individual cutblock basis, the following waste benchmarks in cubic meters per hectare will be used for monetary billing of avoidable waste:

Coast	Immature	Mature
Normal	10 m <sup>3</sup> /ha	35 m <sup>3</sup> /ha

Interior	Dry Belt	Transition Zone	Wet Belt
Normal	4 m <sup>3</sup> /ha	10 m <sup>3</sup> /ha	20 m <sup>3</sup> /ha

The waste benchmark volume of a cutblock is derived by multiplying the value of the benchmark with the total of the dispersed, accumulation and standing trees sub population areas reported in a waste assessment of the cutblock.

### 2. Benchmark Calculations and Billings

Avoidable waste volumes in sawlog grades X or better (Coast), 1 and 2 (Interior) from the dispersed, accumulated and the standing tree subpopulations of the cutblock will be applied to the benchmarks.

Where the avoidable waste volumes in sawlog grades are below the established benchmark for the cutblock, no monetary billing of avoidable waste in sawlog grades will be made.

Where the avoidable waste volumes in sawlog grades are above the established benchmark for the cutblock, monetary billings will be made on the sawlog grade volumes exceeding the benchmark.

Avoidable waste volumes in grade Y or 4 will not be applied to the benchmark but will be billed monetarily in all cases.