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December 6, 2023

BY EMAIL

To: Regional Executive Directors

From: Allan Bennett, Director, Timber Pricing Branch

Re: Amendment No. 6 to the *Provincial Logging Residue and Waste Measurement Procedures Manual – Coast Version*

I hereby approve Amendment No. 6 to the *Provincial Logging Residue and Waste Measurement Procedures Manual – Coast Version*.

The manual can be found here:

[Provincial Logging Residue and Waste Measurements Procedure Manual - Coast Version - Province of British Columbia \(gov.bc.ca\)](#)

The purpose of this amendment is to:

- Update the Fibre Recovery Zone waste penalty rate for BCTS Timber Sale Licences.

Amendment No. 6 comes into effect December 15, 2023.



Allan W. Bennett, RPF
Director
Timber Pricing Branch

pc: Melissa Sanderson, Assistant Deputy Minister, Timber, Range, and Economics Division
Patrick Asante, Manager, Timber Pricing
Randy Husband, Director, Pricing, Tenures, and Administration
Fred von Westharp, Coast Area Pricing Section Head

TIMBER PRICING BRANCH

Provincial Logging Residue and Waste Measurement Procedures Manual – Coast Version

Effective: April 1, 2019

Includes Amendments

Amendment No. 1
Amendment No. 2
Amendment No. 3
Amendment No. 4
Amendment No. 5
Amendment No. 6

Effective Dates

May 1, 2019
December 23, 2019
April 1, 2021
August 1, 2022
November 21, 2022
December 15, 2023



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Amendment No. 6 - Provincial Logging Residue and Waste Procedures Manual - Coast Highlights

Section, Table or Appendix Number	Description
7.4.1.2	The waste rate for BCTS cutting authorities within the FRZ is revised.
Appendix 1	Definitions for Effective Date and Advertised Date are added.

- i. All avoidable western red cedar and cypress waste volume,
- ii. Areas within a Fibre Recovery Zone harvested using helicopter logging methods, and
- iii. Forestry licences to cut with stumpage rates determined under Chapter 7 of the *Coast Appraisal Manual*, master licenses to cut, and occupant licenses to cut.

2. Fibre Recovery Zone Waste Rate Calculation

The following rates will apply to waste from timber originating in Fibre Recovery Zones (except timber excluded from FRZ, described above):

- i. The avoidable conifer grade X, Y and grade U hemlock and balsam waste volumes will be billed at the rates applicable under section 1.2.6.
- ii. Deciduous species within a Fibre Recovery Zone will be subject to the waste rate applicable under section 1.2.6.
- iii. The waste rate for coniferous sawlog species/grade combinations not listed in (i) for:
 - major licensees,
 - community forest agreements,
 - woodlot licenses,
 - road permits, and
 - forestry licences to cut with stumpage rates not determined under Chapter 7 of the *Coast Appraisal Manual*,

will be the waste rate calculated for each species and grade under section 7.4.1.1 multiplied by the FRZ adjustment factor. Where this rate is less than the minimum rate described in section 1.2.6, the minimum rate is applied.

The FRZ adjustment factor is determined as follows; where:

- a. The harvest start date is before April 1, 2019; the FRZ adjustment factor is not applicable. (Enter as FRZ = “No” in waste system.)
 - b. The harvest start date is on or after April 1, 2019 and the PLC date was before April 1, 2021; the FRZ adjustment factor is 3;
 - c. The harvest start date is April 1, 2019 to July 31, 2022, and the PLC date was on or after April 1, 2021; the FRZ adjustment factor is 1; and
 - d. The harvest start date is on or after August 1, 2022; the FRZ adjustment factor is 3.
- iv. For BCTS cutting authorities where the advertised date is before December 15, 2023, the waste rate for BCTS timber sale licenses for coniferous species/grade combinations not listed in (i) is:

- a. (Stumpage rate – Obligation Adjustment) multiplied by 3
 - b. If the waste rate calculated by the above formula is less than \$2.00, the waste rate will be \$2.00.
- v. For BCTS cutting authorities where the advertised date is on or after December 15, 2023, the waste rate for BCTS timber sale licenses for coniferous species/grade combinations not listed in (i) is:
- a. Where (Stumpage Rate – Obligation Adjustment) is less than or equal to \$2.00
 - Waste Rate = Obligation Adjustment + \$2.00
 - b. Where (Stumpage Rate – Obligation Adjustment) is greater than \$2.00
 - Waste Rate = Obligation Adjustment + [(Stumpage rate – Obligation Adjustment) multiplied by 3]

Where:

Stumpage rate = the total of the upset stumpage rate plus the bonus bid that must be paid by the licensee as per the *Coast Appraisal Manual* expressed in \$/m³

Obligation Adjustment = the obligation adjustment \$/m³ for the district under Table 7-1 Timber Sales Licence Fibre Recovery Zone TOA adjustment values by district

Table 7-1 BCTS Obligation Adjustment Values

District	Obligation Adjustment \$/m ³
DCK	40.53
DCR	31.60
DHG	41.38
DKM	41.38
DNI	38.85
DSC	31.18
DSI	30.53
DSQ	35.75

Appendix 1 Glossary

Accumulations	Areas where waste are concentrated (e.g., at landings and along roadsides).
Accuracy	The nearness of a measurement to the actual value of the variable being measured.
Advertised Date	For BCTS cutting authorities, the Issue Date shown in the BC Bid application. Detailed instructions for finding this date are available on the Forest Residue and Waste section of the Timber Pricing Branch website.
Aggregate Option	Sampling and measurement of a waste reporting unit comprised of an approved aggregation of cut blocks and/or cutting authorities. It cannot cross a District or T.S.A. boundary.
Allowed Stump Height	The higher of:
	1. Timber merchantability specification stump height,
	2. Height specified in District Manager letter for heavy snow packs,
	3. The minimum distance from the ground on the high side of a stump up to a point above a physical obstruction which allows for safe falling. Allowed stump height minus TMS stump height = unavoidable piece.
Allowable Annual Cut (AAC)	The rate of harvest determined by the Chief Forester for Timber Supply Areas (TSAs) and Tree Farm Licences (TFLs), and by the District Manager for Woodlot Licences (WLs), and the rate of harvest specified in a licence or in a management and working plan.

Effective Date	The Appraisal Effective Date of the cutting authority as shown in ECAS. Refer to the Effective Date shown in the Forest Tenure Administration application (FTA) only for cutting authorities that are not listed in ECAS.
Fixed-area Plot Sampling	A sampling method where each plot within a stratum is exactly the same size and shape.
Full Sampling Intensity (FSI)	A full sampling intensity survey on which a sampling error or hectare to plot ratio must be met as specified in Tables 4-2 and 4-3.
Harvest Start Date	The date on which cutting of primary timber on a cutblock has commenced. It does not include cutting of timber for road right of way purposes.
High Side (stumps)	The position where the ground meets the stump on the uphill side, ignoring any root flare, obstacles, vegetation, and loose matter that has accumulated at the base of the tree. Length measurements usually start from 30 cm above this point.
Interior	This refers to the Southern and the Northern Interior Regions.

Licensee	The holder of the cutting authority.
Log Grade	Those log grades that are defined in the Scaling Regulation.
Measure Factor	A visual estimate of the percentage of an accumulation that was physically measured and/or estimated. Recorded as the "measure percent."
Parent Block	A previously surveyed block that is representative, in terms of the level of dispersed waste, to the block being proposed for survey exemption.
Plot Sampling	The estimation of waste within a cutblock or reporting unit from sample plot measurements, and the determination of the sampling error associated with the plot estimates.
Population	The waste component within the waste reporting unit that is to be estimated by sample plot measurements.