

File: 262336

Date: April 22<sup>nd</sup>, 2021

To: Interior Executive Directors

From: Honourable Katrine Conroy, Minister of Forests, Lands, Natural Resource Operations  
and Rural Development

**Re: Amendment # 2 to the *Interior Appraisal Manual***

The main purpose of this amendment is to update the average sawlog stumpage rate tables. New enhanced silviculture cost estimates are also added, along with a change to road permit stumpage rates.

This amendment will come into force on May 1, 2021. Copies of the amendment and the amended *Interior Appraisal Manual* are available at the following link:

<http://www2.gov.bc.ca/gov/content/industry/forestry/competitive-forest-industry/timber-pricing/interior-timber-pricing/interior-appraisal-manual>

Further amendments or revisions to this manual require my approval.



Katrine Conroy  
Minister

pc Allan Bennett, Director, Timber Pricing Branch  
Amanda Fouty, Director, Pricing and Tenures, Regional Operations Division, South Area  
Jim Sayle, Director, Regional Operations Divisions, North Area  
Darius Low, Revenue Team Lead, Regional Operations Division, North Area  
Bruce Sullivan, Revenue Officer, Regional Operations Division, South Area



# TIMBER PRICING BRANCH

## Interior Appraisal Manual

Effective July 1, 2020

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Cost Base of: 2018

### Includes Amendments

Amendment No. 1

Amendment No. 2

### Effective Date

December 15, 2020

May 1, 2021



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### 4.5.3 Total Silviculture Cost Estimate

Total Silviculture (\$/m<sup>3</sup>) =

$$\text{Silviculture (\$/m}^3\text{)} + \frac{\text{Root Disease Control (\$)}}{\text{ATNCV or TNCRV (m}^3\text{)}^1}$$

**Table 4-7: BEC Silviculture Cost Estimates**

The dollar per hectare (\$/ha) cost estimates are net of overhead.

BEC Unit	Basic \$/ha	Enhanced \$/ha	BEC Unit	Basic \$/ha	Enhanced \$/ha
BWBS	1313	-	ESSFmw1	1191	<sup>7</sup> 249
BWBSdk	950	-	ESSFmw2	1191	-
BWBSmk	1313	-	ESSFvc	4006	-
BWBSmw	1497	-	ESSFwc2	1800	-
BWBSvk	1313	-	ESSFwc3	1820	<sup>5</sup> 580
BWBSwk1	1126	-	ESSFwc4	1935	-
BWBSwk2	1120	-	ESSFwcv	1739	-
BWBSwk3	1124	-	ESSFwh1	2127	-
CWH	851	-	ESSFwh2	2192	-
CWHds1	851	-	ESSFwh3	2336	-
CWHms1	851	-	ESSFwk1	1391	<sup>5</sup> 161
CWHvm1	851	-			<sup>8</sup> 65
CWHvm2	851	-	ESSFwk2	1248	-
CWHws1	769	-	ESSFwm1	1545	-
CWHws2	933	-	ESSFwm2	1545	-
ESSF	1473	-	ESSFwm3	1552	-
ESSFdc1	1281	-	ESSFwm4	1539	-
ESSFdc2	1265	<sup>7</sup> 348	ESSFwv	1473	-
ESSFdc3	1280	-	ESSFxc1	1145	<sup>7</sup> 340
ESSFdk1	1048	-	ESSFxc2	1178	<sup>7</sup> 340
ESSFdk2	1049	-	ESSFxc3	1148	-
ESSFdv1	1334	-	ESSFxcv1	380	-
ESSFdv2	1334	-	ESSFxcv2	380	-
ESSFmc	995	<sup>2</sup> 285	ICH	1693	-
		<sup>4</sup> 156	ICHdk	1693	-
		<sup>8</sup> 220	ICHdm	1257	-
		<sup>9</sup> 279	ICHdw1	1669	-
		<sup>10</sup> 151	ICHdw3	1588	-
ESSFmh	1767	-	ICHdw4	1588	-
ESSFmk	1473	<sup>9</sup> 285	ICHmc1	1268	-
		<sup>10</sup> 157	ICHmc2	1419	-
ESSFmm1	1752	-	ICHmk1	1232	-
ESSFmm2	1566	-	ICHmk2	1210	-
ESSFmm3	1520	-	ICHmk3	1222	<sup>6</sup> 52
ESSFmv1	733	<sup>8</sup> 285	ICHmk4	1222	-
ESSFmv2	805	-	ICHmk5	1222	-
ESSFmv3	783	<sup>10</sup> 212	ICHmm	1693	-
ESSFmv4	805	-	ICHmw1	1565	-

<sup>1</sup> For scale based CAs, use ATNCV. For cruise based CAs use TNCRV.

BEC Unit	Basic \$/ha	Enhanced \$/ha
ICHmw2	1627	-
ICHmw3	1522	-
ICHmw4	1921	-
ICHmw5	1523	-
ICHvc	1693	-
ICHvk1	2942	-
ICHvk2	2530	<sup>8</sup> 43
ICHwc	1693	-
ICHwk1	1937	-
ICHwk2	1906	<sup>6</sup> 100
ICHwk3	1906	<sup>8</sup> 194
ICHwk4	1895	<sup>6</sup> 114
ICHxw	1693	-
IDF	1174	-
IDFdc	1174	-
IDFdk1	1098	<sup>1</sup> 651 <sup>7</sup> 892
IDFdk2	1160	<sup>7</sup> 503
IDFdk3	1048	<sup>1</sup> 589
IDFdk4	1094	<sup>1</sup> 630
IDFdk5	1010	-
IDFdm1	1174	-
IDFdm2	1174	-
IDFdw	1174	-
IDFmw1	1255	-
IDFmw2	1339	-
IDFww	1174	-
IDFww1	1174	-
IDFxc	1174	-
IDFxm	1174	<sup>1</sup> 550
IDFxx2	1174	-
MH	1603	-
MHmm1	1603	-
MHmm2	1603	-
MS	1049	-
MSdc1	957	-
MSdc2	957	-
MSdc3	957	-
MSdk	1075	-
MSdm1	1362	-
MSdm2	1272	-
MSdm3	1334	-
MSdv	1049	-
MSdw	1000	-

BEC Unit	Basic \$/ha	Enhanced \$/ha
MSmw1	1049	-
MSmw2	1049	-
MSxk1	1016	<sup>7</sup> 343
MSxk2	1151	<sup>1</sup> 611 <sup>7</sup> 343
MSxk3	1036	-
MSxv	318	-
PP	74	-
PPxh1	74	-
PPxh2	74	-
PPxh3	74	-
SBPS	381	-
SBPSdc	304	<sup>8</sup> 257
SBPSmc	348	-
SBPSmk	515	<sup>5</sup> 306
SBPSxc	207	-
SBS	964	-
SBSdh1	964	-
SBSdh2	964	-
SBSdk	922	<sup>2</sup> 231 <sup>8</sup> 176 <sup>9</sup> 200 <sup>10</sup> 90
SBSdw1	944	<sup>5</sup> 254 <sup>6</sup> 121
SBSdw2	879	<sup>5</sup> 350 <sup>6</sup> 228 <sup>8</sup> 289
SBSdw3	805	<sup>8</sup> 233
SBSmc1	896	<sup>5</sup> 263
SBSmc2	913	<sup>2</sup> 256 <sup>3</sup> 371 <sup>4</sup> 140 <sup>8</sup> 198 <sup>9</sup> 247 <sup>10</sup> 132
SBSmc3	790	<sup>8</sup> 394
SBSmh	964	<sup>8</sup> 237
SBSmk	863	-
SBSmk1	869	<sup>8</sup> 201
SBSmk2	844	-
SBSmm	978	-
SBSmw	1443	<sup>5</sup> 241 <sup>6</sup> 71 <sup>8</sup> 156
SBSvk	1189	<sup>8</sup> 406
SBSwk1	1183	<sup>5</sup> 166 <sup>6</sup> 41 <sup>8</sup> 103
SBSwk2	995	-

BEC Unit	Basic \$/ha	Enhanced \$/ha
SBSwk3	968	<sup>8</sup> 238
SWB	1229	-
SWBmks	1229	-
SWBvk	1229	-
SWBvks	1229	-
*BWBSdk1	950	-
*BWBSdk2	950	-
*BWBSmw1	1497	-
*BWBSmw2	1497	-
*ESSFdk	1048	-
*ESSFdm	1473	-
*ESSFdv	1334	-
*ESSFmw	1191	-
*ESSFvv	1473	-
*ESSFwc1	1849	-

BEC Unit	Basic \$/ha	Enhanced \$/ha
*ESSFwm	1545	-
*ESSFxc	1148	-
*ICHdw	1646	-
*ICHdw2	1646	-
*IDFdk	1105	-
*MSdk1	1075	-
*MSxk	1046	-
*PPdh1	74	-
*PPdh2	1174	-
*SWBdk	1229	-
*SWBdks	1229	-

\* Indicates BEC units that have expired and are not to be included in appraisals submitted after October 31, 2018. Reference applicable Land Management Handbook crosswalk tables where necessary.

Approved Plan	Regime Name
2017 Wildfire	<sup>1</sup> Post-Wildfire Fdi
Bulkley Integrated Silviculture Strategy	<sup>2</sup> Pli leading -1800 sph
	<sup>3</sup> Pli leading - 2000 sph
	<sup>4</sup> Sx leading
Cariboo Regional Standard	<sup>5</sup> Enhanced Density
	<sup>6</sup> Enhanced Diverse
Merritt Integrated Silviculture Strategy	<sup>7</sup> Increased Planting Density
Prince George FSP#11	<sup>8</sup> Increased Target Stocking
WFM Morice FSP#660	<sup>9</sup> Pli leading
	<sup>10</sup> Sx leading

## **4.6 Low Grade Percent Adjustment**

1. The POA low-grade percent adjustment by timber species as shown in Tables 4-8 and 4-9 must be used in the calculation of the specified operations and tenure obligation adjustment to account for the timber that is priced at the statutory rate.
2. The low-grade percent adjustment for each timber species to be used in the appraisal or reappraisal of the cutting authority area must be the percent adjustment by timber species by the POA to which the cutting authority area is appraised. Where the Total Net Coniferous Volume of timber on the cutting authority area is comprised of 35% or greater red and grey Mountain Pine Beetle (MPB) attacked Lodgepole pine, the adjustment from Table 4-9 is used. For cutting authorities with less than 35% red and grey MPB attacked Lodgepole pine, the adjustment is used from Table 4-8.
3. The low-grade percent adjustment to be used in the calculation of the specified operations and tenure obligation adjustment for a cutting authority area being appraised or reappraised is the sum of the products of the net coniferous cruise volume of each timber species in the cutting authority area multiplied by the low-grade percent adjustment for that species, divided by the Total Net Coniferous Volume on the cutting authority area.
4. The low-grade percent adjustment does not apply to cruise based cutting authorities.



## **6 Miscellaneous Policies**

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## 6.1 Coniferous Average Sawlog Stumpage Rates by Forest Zone and Species

- Each of the following forest zones referred to in Tables 6-1, 6-2, 6-4, 6-4a, 6-5 and 6-6 is made up of the following forest districts and or geographic units:
  - North Central Zone - Mackenzie, Nadina, Prince George (less Robson Valley TSA), Quesnel and Stuart Nechako
  - North East Zone - Fort Nelson and Peace
  - North West Zone - Coast Mountain (excluding that portion that lies geographically within the North Coast Timber Supply Area), Skeena Stikine
  - South Central Zone - Williams Lake TSA Blocks A, B, C, D, E & I
  - South East Zone - Okanagan Shuswap, Rocky Mountain, Selkirk, and Thompson Rivers (plus Robson Valley TSA)
  - South West Zone - 100 Mile House, Cascades, and Williams Lake TSA Blocks F, G, H, and J to N
- Each of the following species referred to in Tables 6-1, 6-2, 6-4, 6-4a and 6-5 is as follows:
  - BA - Balsam
  - CE - Cedar
  - FI - Interior Douglas-Fir
  - HE - Hemlock
  - LA - Larch
  - LO - Lodgepole Pine
  - SP - Spruce
  - WH - White Pine
  - YE - Yellow Pine
  - AVG - Average of all species
- Where a species of coniferous timber is not listed in Table 6-1, 6-2, 6-4, 6-4a and 6-5, the average rate for the zone (AVG) must be used for that species of timber.

**Table 6-1: Coniferous Average Sawlog Stumpage Rates in \$/m<sup>3</sup>**

FOREST ZONE	BA	CE	FI	HE	LA	LO	SP	WH	YE	AVG
North Central	53.37		69.90	34.93		50.79	57.31			55.25
North East (Fort Nelson)	50.65					49.92	49.73			49.87
	30.97					30.70	34.41			33.92
North West	23.55	12.68		8.52		44.13	40.03			21.74
South Central	40.74		44.08			39.99	51.20			43.32
South East	55.48	48.52	59.36	40.86	59.16	57.69	57.65	48.05	58.25	55.22
South West	71.99	74.68	64.69	67.33	59.16	68.27	76.27	74.57		69.57

### 6.1.1 Community Forest Agreements

1. The sawlog stumpage rate for each species of coniferous timber harvested under any cutting authority issued under a Community Forest Agreement is the rate prescribed in Table 6-2 for the forest zone in which the cutting authority area is located.
2. Section 1.4.2, sections 6.1.2 through 6.5, commercial thinning in section 6.6, and sections 6.7 through 6.9 do not apply to Community Forest Agreement cutting authorities.
3. The stumpage rate determined under this section is redetermined on August 1 of each year in accordance with this section.
4. Notwithstanding subsection (1), (2), and (3), when a cutting authority is issued for the specific purpose to include projects funded by the Forest Enhancement Society of BC, the stumpage rate must be determined through a full appraisal (“fully appraised”). Refer to section 6.11 for details regarding cutting authorities with FESBC funding.

### 6.1.2 Woodlot Licences

1. Except as provided in subsection (2) and (8) of this section, the sawlog stumpage rate for each species of coniferous timber harvested under a cutting permit issued for a woodlot licence with an effective date after November 30, 2008 is the rate prescribed in Table 6-2 for the forest zone in which the cutting authority area is located.
2. Where a woodlot licence cutting permit has been issued with an effective date after November 30, 2008 for the purpose of using amounts from an eligible extended road amortization agreement in an appraisal, then the stumpage rate will be determined using the procedures in this manual excluding this section.
3. Except as provided in subsection (4) of this section, the sawlog stumpage rate for coniferous timber harvested under a road permit issued for a woodlot licence is the rate prescribed in Table 6-2 for the forest zone in which the timber mark applies.
4. Where a woodlot has an eligible extended road amortization agreement before December 1, 2008 the sawlog stumpage rate for a road permit with an effective date on or after December 1, 2008 is calculated using the procedures in section 6.3.
5. The sawlog stumpage rate for each species of coniferous timber harvested under a blanket salvage cutting authority issued for a woodlot licence is the rate prescribed in Table 6-2 for the forest zone in which the blanket salvage cutting authority applies.
6. The stumpage rate determined under subsections (1), (3) and (5) of this section is redetermined on August 1, each year in accordance with this section.
7. Except as provided in subsections (2) and (4) of this section, sections 1.4.2, 6.1.1, 6.1.3 through 6.5, commercial thinning and Pre-harvest Waste Assessment in section 6.6, and sections 6.7 through 6.9 do not apply to Woodlot Licence cutting authorities.

8. Notwithstanding subsection (1) through (7), when a cutting authority is issued for the specific purpose to include projects funded by the Forest Enhancement Society of BC, the stumpage rate must be determined through a full appraisal (“fully appraised”). Refer to section 6.11 for details regarding cutting authorities with FESBC funding.

**Table 6-2: Community Forest Agreements and Woodlot Licences: Coniferous Average Sawlog Stumpage Rates in \$/m<sup>3</sup>**

FOREST ZONE	BA	CE	FI	HE	LA	LO	SP	WH	YE	AVG
North Central	8.01		10.48	5.24		7.62	8.60			8.29
North East (Fort Nelson)	7.60					7.49	7.46			7.48
	4.65					4.60	5.16			5.09
North West	3.53	1.90		1.28		6.62	6.00			3.26
South Central	6.11		6.61			6.00	7.68			6.50
South East	8.32	7.28	8.90	6.13	8.87	8.65	8.65	7.21	8.74	8.28
South West	10.80	11.20	9.70	10.10	8.87	10.24	11.44	11.19		10.44

### 6.1.3 Incidental Conifer in Deciduous Leading Stands

1. Except as provided in section 5.1.1(4), this section applies to coniferous timber in a cutting authority area where the total estimated volume of all deciduous species to be harvested is greater than 70% of the total estimated volume of all species to be harvested.
2.
  - a. The stumpage rate for coniferous timber is the rate prescribed in Table 6-3 for the smaller of the area of the forest district/district portion, timber supply area, region, or Area in which the entire cutting authority area for the tenure is located.
  - b. Where the Crown is responsible for basic silviculture on the cutting authority area, the stumpage rate for each species of coniferous timber must be the sum of the rate determined under paragraph (a) of this subsection and the silviculture levy determined under section 5.3.
3. A stumpage rate determined under subsection 2 must be redetermined on June 1, of each year in accordance with this section.
4. Notwithstanding subsection (2) in this section, the stumpage rate may be determined through a full appraisal in accordance with chapters 1, 2, 3, 4, and 5.
5.
  - a. In this section the area of a forest district or the area of a timber supply area does not include the area of a park located within that district or timber supply area.
  - b. In this section the area of a Tree Farm Licence will be included in the area of the district or timber supply area in which it is geographically located.

- c. Where the forestry licence to cut is issued without competition for the purposes described in paragraph (1)(a)(i) of this section the sawlog stumpage rate for such species of coniferous timber must be:
    - i. Except as provided in (ii), the stumpage rate in Table 6-1 for the forest zone in which the cutting authority area is located.
    - ii. If more than one-third of the total volume of coniferous timber to be harvested in the cutting authority area is damaged timber as defined in section 6.4.1(3), the stumpage rate in Table 6-4 for the forest zone in which the cutting authority area is located.
    - iii. When the licence to cut is issued to the lowest eligible bidder on a contract issued for the purpose referred to in paragraph (1)(a)(i) of this subsection, the stumpage rate determined from the applicable paragraph (c)(i) or (c)(ii) above.
  - d. Where the forestry licence to cut is issued without competition meets the requirements set out in paragraph (1)(a)(ii) of this section, the coniferous sawlog stumpage rate must be \$1.20/m<sup>3</sup> when the licence to cut is issued to the lowest eligible bidder on a contract issued for the purpose referred to in paragraph (1)(a)(ii).
  - e. Notwithstanding any paragraph in this subsection when the timber on the cutting authority area will be scaled as chips or hogged tree material the reserve stumpage rate must be the rate from Table 6-7.
2. An upset stumpage rate determined under this section must be calculated using the *Interior Appraisal Manual* in effect on the date that the rate is determined and must not be less than the district's variable cost to prepare the timber for sale as calculated by the district manager.
  3. Notwithstanding subsections 1(c) or (d) the stumpage rate for the forestry licence to cut may be determined through a full appraisal in accordance with chapters 1, 2, 3, 4 and 5. The cruise data that is used in the appraisal may be from the cruise of a comparable cutting authority as per section 1.5.1.1.
  4. Except for a minister directed reappraisal (as provided in section 2.2.4), when the upset stumpage rate or stumpage rate is determined under this section, the total stumpage rate is fixed for the term of the cutting authority and all extensions.

### 6.3 Road Permit Stumpage Rates

1. a. In this section the area of a forest district or the area of a timber supply area does not include the area of a park located within that district or timber supply area.
  - b. In this section the area of a Tree Farm Licence will be included in the area of the district or timber supply area in which it is geographically located.
2. This section does not apply to Community Forest Agreements in section 6.1.1, Woodlots Licences in section 6.1.2 except 6.1.2(4), or any timber in the Research Forests noted in Table 6-7.
3. A stumpage rate determined under this section, other than for a road permit for a BCTS licence under subsection (6), must be re-determined annually on June 1st in accordance with this section.
4. Except as provided in subsection (6)(b), stumpage rates determined under this section are scale based for billing.
5. Except as provided in subsection (6) of this section, the stumpage rate for a road permit must be the stumpage rate:
  - a. from the table of licence average rates by district provided to the regional Area by Timber Pricing Branch, or
  - b. where a rate under (a) is not available, the average stumpage rate is that prescribed in Table 6-3 for the smaller area of the forest district/district portion, timber supply area, region, or Area in which the entire cutting authority area for the tenure is located.
6. a. The total stumpage rate (\$/m<sup>3</sup>) for a road permit granted to the holder of a scale-based timber sale licence entered into under section 20 of the Act must be the same as the total stumpage rate (\$/m<sup>3</sup>) for the timber sale licence which entitled the holder to apply for the road permit.
  - b. The total stumpage rate (\$/ha) for a road permit granted to the holder of a cruise-based timber sale licence entered into under section 20 of the Act must be the same as the total stumpage rate (\$/ha) of the timber sale licence which entitled the holder to apply for the road permit.
7. Where a woodlot has an eligible extended road amortization agreement before December 1, 2008 the sawlog stumpage rate for a road permit with an effective date on or after December 1, 2008 is calculated using the procedures in this section.
8. The bonus bid if applicable will be added to the stumpage rate determined under subsection 5(b).

**Table 6-3: Coniferous Average Sawlog Stumpage Rates in \$/m<sup>3</sup> by Smallest Geographic Unit**

Smallest Geographic Unit	Average	<sup>1</sup> ESC	Smallest Geographic Unit	Average	<sup>1</sup> ESC
<b>North Area</b>	48.93	54.44	<b>South Area</b>	59.02	65.98
<b>Northeast Region</b>	49.87	55.50	<b>Cariboo Region</b>	63.07	71.16
Fort Nelson District	33.92	41.10	100 Mile House District	60.36	72.68
Peace District	49.87	55.50	Cariboo-Chilcotin District	70.74	77.47
Fort St. John TSA	48.83	56.41	Williams Lake TSA, blks F-H, J-N	74.04	80.38
Dawson Creek TSA	50.27	55.15	Williams Lake TSA, blks A-E, I	43.32	53.36
<b>Omineca Region</b>	56.18	62.37	Quesnel District	53.03	60.72
Mackenzie District	42.43	47.58	Quesnel TSA	53.03	60.72
Prince George District	59.11	65.80	Cascadia TSA, blks 5-8	53.03	60.72
Robson Valley TSA	38.23	45.59	<b>Kootenay/Boundary Region</b>	53.90	60.51
Prince George TSA, blks E-I	60.52	67.16	Rocky Mountain District	63.66	68.82
Stuart Nechako District	56.57	62.12	Invermere TSA	62.86	67.16
Prince George TSA, blks A-C (formerly Fort St. James District)	59.10	64.23	Cranbrook TSA	64.35	70.27
Prince George TSA, blk D (formerly Vanderhoof District)	46.17	53.49	Selkirk District	50.45	57.56
<b>Skeena Region</b>	37.05	41.43	Arrow TSA	48.45	55.72
Coast Mountains District	4.95	6.77	Cascadia TSA, blks 1-3	48.45	55.72
Nass TSA	6.37	8.64	Boundary TSA	57.12	65.64
Kalum TSA	3.04	4.25	Golden TSA	57.80	62.14
Cascadia TSA, blks 9-11	3.04	4.25	Revelstoke TSA	26.41	37.25
Pacific TSA	3.04	4.25	Cascadia TSA, blk 4	26.41	37.25
Nadina District	51.45	57.13	Kootenay Lake TSA	58.32	64.35
Morice TSA	51.62	57.07	<b>Thompson/Okanagan Region</b>	60.58	67.18
Lakes TSA	50.62	57.46	Cascades District	69.09	74.37
Skeena Stikine District	39.75	44.01	Merritt TSA	76.19	81.48
Bulkley TSA	49.21	53.65	Lillooet TSA	40.20	45.42
Kispiox TSA	28.84	32.86	Okanagan Shuswap District	56.50	63.43
Cassiar TSA	6.37	8.64	Thompson Rivers District	59.38	66.69

<sup>1</sup> ESC is the average rate excluding silviculture costs.

## **6.4 Salvage Timber Stumpage Rates**

### **6.4.1 Post-Harvest Material or Damaged Timber**

1. This section applies to cutting authorities issued under licences which do not have an allowable annual cut.
2. Post-Harvest Material is defined as:
  - a. wooden culverts and bridges, or
  - b. post logging residue.
3. Damaged Timber is defined as:
  - a. Trees that are dead or damaged as a result of wind, fire, snow press, drought, landslide, flooding; or
  - b. Trees as a result of the effects of forest pests or disease that are dead; or
  - c. Trees that require management and control of insect infestation or will die within one year (sanitation timber salvage), as determined by the district manager.
4. Except as provided in section 6.2.1(1)(c)(ii), the criteria and methodology for the calculation of salvaged timber stumpage rates are:
  - a. Post-harvest material may not be combined in the same cutting authority area with damaged timber.
  - b. Except where damage to adjacent or contiguous timber occurs after harvesting is completed on the adjacent primary logging cutting permit area and the harvesting equipment has been demobilized from the area, damaged timber salvage cutting authority areas must be scattered, and not be adjacent to or contiguous with an existing cutting authority area.
  - c. Cut block(s) must be less than or equal to 5 hectares in size; (unless the silviculture system used on the cut block is other than clear cutting, and at the completion of harvest the trees retained on the harvested area conform to the specifications in the Chief Forester's Reference Guide for Forest Development Plan Stocking Standards for the applicable silviculture system).
  - d. Salvage logging stumpage rates may only be determined for a cutting authority where more than one-third of the total estimated volume of coniferous timber to be harvested in the cutting authority area is damaged timber.
  - e. Post-Harvest Material salvage may only occur after primary logging has been satisfactorily completed and residue and waste assessments have been submitted to and accepted by the Ministry.



- f. Salvage cannot occur on a road right-of-way which has an active timber mark associated with it.
- g. Except for a minister directed reappraisal (as provided in section 2.2.4), a stumpage rate determined under this section is fixed for the term of the cutting authority and all extensions.
5. a. The Damaged Timber sawlog stumpage rate for each species of coniferous timber is the rate in Table 6-4 or 6-4a for the Forest Zone in which the cutting authority area is located. The stumpage rates in Table 6-4a may be used when the:
- estimated total net coniferous volume of timber on each cutblock is comprised of 80% or more Burnt Timber<sup>1</sup> (Burnt timber means any trees that meet the definition of Fire Codes A, B or C as per the Cruising Manual), and
  - the burnt timber is evenly distributed throughout the cutblock(s).
- b. Where the Crown is responsible for basic silviculture on the cutting authority area, the stumpage rate for each species of coniferous timber must be the sum of the rate determined under paragraph (a) of this subsection and the silviculture levy determined under section 5.3.
- c. Notwithstanding paragraph (a), the stumpage rate for Damaged Timber may be determined through a full appraisal in accordance with chapters 1, 2, 3, 4 and 5.
6. The Post-Harvest Material sawlog stumpage rate for each species of coniferous timber is the rate in Table 6-5 for the forest zone in which the cutting authority area is located.

**Table 6-4: Coniferous Average Sawlog Stumpage Rates for Salvage of Damaged Timber in \$/m<sup>3</sup>**

FOREST ZONE	BA	CE	FI	HE	LA	LO	SP	WH	YE	AVG
North Central	32.21		40.67	16.29		28.31	35.67			32.79
North East (Fort Nelson)	30.57					27.83	30.96			29.59
	18.69					17.11	21.42			20.13
North West	14.21	7.09		3.97		24.60	24.91			12.90
South Central	24.58		25.65			22.30	31.87			25.71
South East	33.48	27.10	34.54	19.06	30.83	32.16	35.89	25.69	34.18	32.77
South West	43.44	41.72	37.64	31.40	30.83	38.06	47.47	39.86		41.29

<sup>1</sup> Eighty (80) percent or more of the estimated total net coniferous volume defined as burnt timber in each cutblock, based on a professional estimate by a forest professional registered with the Association of BC Forest Professionals. The professional estimate must include a description and supporting information of how the estimate was generated.

**Table 6-4a: Coniferous Average Sawlog Stumpage Rates for Salvage of Fire Damaged Timber in \$/m<sup>3</sup>**

FOREST ZONE	BA	CE	FI	HE	LA	LO	SP	WH	YE	AVG
North Central	22.57		40.91	13.47		23.45	26.72			26.13
North East (Fort Nelson)	21.42					23.05	23.19			23.59
	13.10					14.17	16.04			16.05
North West	9.96	6.06		3.29		20.37	18.67			10.29
South Central	17.22		25.80			18.46	23.88			20.49
South East	23.46	23.16	34.75	15.75	26.77	26.64	26.89	21.28	29.83	26.12
South West	30.44	35.65	37.87	25.96	26.77	31.52	35.57	33.03		32.91

**Table 6-5: Coniferous Average Sawlog Stumpage Rates for Salvage of Post-Harvest Material in \$/m<sup>3</sup>**

FOREST ZONE	BA	CE	FI	HE	LA	LO	SP	WH	YE	AVG
North Central	13.34		34.95	8.73		25.39	28.65			26.40
North East (Fort Nelson)	12.66					24.96	24.87			23.83
	7.74					15.35	17.20			16.21
North West	5.89	10.15		2.13		22.06	20.01			10.39
South Central	10.18		22.04			20.00	25.60			20.70
South East	13.87	38.82	29.68	10.22	29.58	28.85	28.83	24.02	29.12	26.39
South West	18.00	59.74	32.35	16.83	29.58	34.13	38.13	37.28		33.24

#### 6.4.2 Blanket Salvage Cutting Authorities

1. This section may apply to cutting authorities issued under licences with an allowable annual cut or maximum harvest volume; excluding Community Forest Agreements in section 6.1.1, Woodlots Licences in section 6.1.2, BCTS or any timber in the Research Forests noted in Table 6-7.
2. Cutblocks amended into blanket salvage cutting authorities prior to February 15, 2016, must use section 6.4.2 of this manual as it was prior to February 15, 2016.
3. Cutblocks amended into blanket salvage cutting authorities on or after February 15, 2016 must be consistent with the Deputy Minister Memo: *Harvesting under a Blanket Salvage Permit (For Interior Regions)* signed January 29, 2016, where the cutblocks must be:
  - a. less than or equal to 15 hectares in size and 5000 m<sup>3</sup> in volume; (unless the silviculture system used on the cut block is other than clear cutting, and at the completion of harvest the trees retained on the harvested area conform to the stocking standards specified in an approved Forest Stewardship Plan); and
  - b. issued for purposes of harvesting damaged timber as defined in section 6.4.1 (3); and
  - c. consistent with *District Guidelines for Blanket Salvage Cutting Authorities*.