BRITISH COLUMBIA

Ministry of Forests

Office of the Minister

MEMORANDUM

File: 282-20/195-30/IAPP

December 24, 2002

To: Regional Managers - Interior

From: The Honourable Michael de Jong
Minister of Forests

Re: Amendment No. 2 to the *Interior Appraisal Manual*

I hereby approve Amendment No. 2 to the *Interior Appraisal Manual*, and attach a copy for your use. The following sections have been amended:

Section 4.9: Basic Silviculture. The methodology for calculating the basic silviculture cost estimate has changed. The previous regime model is replaced with a dollar per cubic metre estimate (by biogeoclimatic zone, subzone and variant) based on industry-reported costs.

This amendment will come into force on January 1, 2003. Further amendments or revisions to this manual require my approval.

fo Michael de Jong
Minister

Attachment

pc: Bill Howard, Director, Revenue Branch

All Subscribers, *Interior Appraisal Manual*

BRITISH COLUMBIA Ministry of Forests

MANUAL REVISION TRANSMITTAL

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MANUAL TITLE
Interior Appraisal Manual

REVISION No.	**ISSUE DATE**
Amendment No. 2	January 1, 2003

MANUAL CO-ORDINATOR

Judy Laton
Revenue Branch

AUTHORIZATION (Name, Title)

W. Howard
Director, Revenue Branch

Please make the following changes to your copy of the above Ministry manual. Please insert the following specified pages and **file this notice** immediately after the Amendments Tab.

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REMOVE	Data Sheet	11	
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4.9 Basic Silviculture Cost Estimate

Basic silviculture cost estimates are made for all cutting authorities where basic silviculture is required.

Basic silviculture treatment cost estimates include all treatment costs that are required to achieve the free-growing stocking standards, as referred to in the *Timber Harvesting and Silviculture Practices Regulation* (B.C. Reg. 352/2002).

Basic silviculture treatment may not be required on some cutting authorities where:

1. this intent has been specified in the licence, cutting authority, or by applicants agreement, or,

2. basic silviculture work is funded by any Crown agency.

When any of these circumstances exist the basic silviculture cost estimate is not included in the appraisal, except as noted in section 6.6 of this manual.

The Table 4-9 lists the associated cost estimates ($/m^3) for each (BGC) zone, subzone, and variant across the interior.

Where a cutting authority area includes more than one BGC/subzone/variant, the predominant BGC/subzone/variant by area shall be used for the cost estimate in the appraisal of the cutting authority.

Table 4-9 District BGC Silviculture Cost Estimates*

BEC Code ID	BGC/Sub/Variant	$/m^3	BEC Code ID	BGC/Sub/Variant	$/m^3
1 through	8 are non-timber		103	ICHmw3	6.95
9	BWBSdk1	3.98	104	ICHun	5.39
10	BWBSdk2	3.98	105	ICHvc	5.39
11	BWBSmw1	7.70	106	ICHvk1	6.97
12	BWBSmw2	7.70	107	ICHvk1 c	6.52
13	BWBSun	6.69	108	ICHvk2	6.52
14	BWBSvk	6.69	109	ICHwc	5.39
15	BWBSwk1	4.50	110	ICHwk1	5.96
16	BWBSwk2	4.50	111	ICHwk1 c	6.15
17	BWBSwk3	4.50	112	ICHwk2	6.15
18 through	26 are coastal		113	ICHwk3	6.15
27	CWHun	3.26	114	ICHwk4	6.15
28	CWHvh1	3.26	115	ICHxw	5.39

BEC Code ID	BGC/Sub/Variant	$/m^3
29	CWHvh2	3.26
30	CWHvm1	3.26
31	CWHvm2	3.26
32	CWHvm3	3.26
33	CWHwh1	3.26
34	CWHwh2	3.26
35	CWHwm	3.26
36	CWHws1	3.26
37	CWHws2	3.26
38	CWHxm1	3.26
39	CWHxm2	3.26
40	ESSFdc1	5.65
41	ESSFdc2	4.55
42	ESSFdcp1	5.08
43	ESSFdcp2	5.08
44	ESSFdk	4.00
45	ESSFdkp	5.08
46	ESSFdku	5.08
47	ESSFdv	5.32
48	ESSFdvp	5.08
49	ESSFmc	5.08
50	ESSFmcp	5.08
51	ESSFmk	4.22
52	ESSFmkp	5.08
53	ESSFmm1	6.50
54	ESSFmm2	6.50
55	ESSFmmp1	5.08
56	ESSFmmp2	5.08
57	ESSFmv1	4.36
58	ESSFmv2	4.53
59	ESSFmv3	3.81
60	ESSFmv4	4.44
61	ESSFmvp1	5.08
62	ESSFmvp2	5.08
63	ESSFmvp3	5.08
64	ESSFmvp4	5.08
65	ESSFmw	4.05
66	ESSFmw h	4.05

BEC Code ID	BGC/Sub/Variant	$/m^3
116	IDFdk1	3.80
117	IDFdk1 a	4.26
118	IDFdk1 b	4.26
119	IDFdk2	4.40
120	IDFdk2 b	4.26
121	IDFdk3	4.22
122	IDFdk4	6.02
123	IDFdm1	8.29
124	IDFdm2	3.93
125	IDFdw	4.58
126	IDFmw1	6.38
127	IDFmw2	6.58
128	IDFmw2 a	6.53
129	IDFun	4.58
130	IDFww	4.58
131	IDFxh1	4.48
132	IDFxh1 a	4.82
133	IDFxh1 b	4.82
134	IDFxh2	4.94
135	IDFxh2 a	4.82
136	IDFxh2 b	4.94
137	IDFxm	6.18
138	IDFxw	4.58
139 through	149 are coastal MH	
150	MSdc1	5.29
151	MSdc2	5.29
152	MSdk	4.28
153	MSdm1	5.38
154	MSdm2	3.80
155	MSdv	4.35
156	MSun	4.35
157	MSxk	5.12
158	MSxv	4.11
159	PPdh1	0.60
160	PPdh2	0.60
161	PPun	0.60
162	PPxh1	0.60
163	PPxh1 a	0.60

BEC Code ID	BGC/Sub/Variant	$/m^3
67	ESSFmwp	5.08
68	ESSFun	5.08
69	ESSFvc	7.41
70	ESSFvcp	5.08
71	ESSFvv	6.92
72	ESSFvvp	5.08
73	ESSFwc1	5.97
74	ESSFwc2	6.06
75	ESSFwc3	6.51
76	ESSFwc4	7.05
77	ESSFwcp2	5.08
78	ESSFwcp3	5.08
79	ESSFwcp4	5.08
80	ESSFwk1	6.02
81	ESSFwk2	6.43
82	ESSFwm	4.54
83	ESSFwmp	5.08
84	ESSFwv	5.08
85	ESSFwvp	5.08
86	ESSFxc	4.91
87	ESSFxcp	5.08
88	ESSFxv1	4.67
89	ESSFxv2	4.67
90	ESSFxvp1	5.08
91	ESSFxvp2	5.08
92	ICHdk	5.39
93	ICHdw	5.42
94	ICHmc1	3.77
95	ICHmc1 a	3.95
96	ICHmc2	5.37
97	ICHmk1	3.98
98	ICHmk2	3.83
99	ICHmk3	5.51
100	ICHmm	5.39
101	ICHmw1	5.78
102	ICHmw2	4.99

BEC Code ID	BGC/Sub/Variant	$/m^3
164	PPxh2	0.60
165	PPxh2 a	0.60
166	SBPSdc	3.66
167	SBPSmc	3.93
168	SBPSmk	4.05
169	SBPSun	3.93
170	SBPSxc	3.89
171	SBSdh	3.89
172	SBSdh1	3.89
173	SBSdh2	3.89
174	SBSdk	3.86
175	SBSdw1	3.88
176	SBSdw2	3.23
177	SBSdw3	3.07
178	SBSmc1	3.31
179	SBSmc2	3.74
180	SBSmc3	4.27
181	SBSmh	3.89
182	SBSmk1	3.77
183	SBSmk2	3.93
184	SBSmm	3.75
185	SBSmw	4.74
186	SBSun	3.89
187	SBSvk	5.63
188	SBSwk1	4.49
189	SBSwk2	4.64
190	SBSwk3	2.75
191	SBSwk3 a	3.95
192	SWBdk	3.89
193	SWBdks	3.89
194	SWBmk	3.89
195	SWBmks	3.89
196	SWBun	3.89
197	SWBvk	3.89
198	CWHvm	3.26

* The dollar per cubic metre ($/m3) cost estimates are net of overhead.

4.10 Manufacturing Cost Estimates

In the interior, appraisal calculations include estimates of the cost of manufacturing lumber and chips. Manufacturing cost estimates are developed from a survey of sawmills and encompass all phases of manufacturing beginning with the dewatering of logs or unloading of logging trucks at the mill log yard, (land or water or satellite log yards), and ending when the lumber and chips have been loaded on rail cars or trucks for transport to market.

The survey collects actual costs to the licensee, including wages, benefits, overtime, depreciation, fuel, supplies, repair, maintenance, applicable licences, insurance, etc. from a representative sample of interior operations.

The cost estimates reflect average conditions, operating practices, and phase accounting allocations experienced in the survey data. Because of this averaging, no additions to or subtractions from these estimates are permitted to reflect operation-specific conditions.

The estimates have an effective cost base date of July 1, 2000, and will be used for all appraisals, reappraisals and adjustments of stumpage rates.

INTERIOR APPRAISAL DATA SUBMISSION

Basic Silviculture (Section 4.9)

Predominant Biogeoclimatic		
Zone	**Sub Zone**	**Variant**

Specified Operation (Root Disease Control) (Section 4.1.1)

Total Cost ($) _____

** If more than 4 ha confirm that individual areas are smaller than 4 ha in size.