Province of British Columbia
OFFICE OF THE MINISTER

Ministry of Forests

MEMORANDUM

File: 195-30/CAPP

JUN 2 3 1998

To: Regional Managers

From: The Honourable David Zirnhelt
Minister of Forests

I hereby approve Amendment No. 2 to the *Coast Appraisal Manual*, and attach a copy of it for your use. The following sections are amended:

Section 2.2 2(a)	The word "shall" is replaced with "may".
Section 3.2.2.7	This section applies to cutting authorities under the Small Business Forest Enterprise Program.
Section 3.3	Maple and Birch volumes are now included in the appraisal.

This amendment will come into force on July 1, 1998. Further amendments or revisions to this manual require my approval.

David Zirnhelt
Minister

Attachment

pc: Bill Howard, Director, Revenue Branch

All Subscribers, *Coast Appraisal Manual*

Printed on Recycled Paper

BRITISH COLUMBIA Ministry of Forests

MANUAL REVISION TRANSMITTAL

FOR FURTHER INFORMATION CONTACT:

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MANUAL TITLE
Coast Appraisal Manual

REVISION No.	**ISSUE DATE**
2	July 1, 1998

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.

ACTION (Remove/Insert)	(VOL.) CHAPTER-SECTION-SUBJECT TABLE OF CONTENTS	PAGE(S)	COMMENTS
REMOVE	Table of Contents	i, ii	
INSERT	Table of Contents	i, ii	
REMOVE	Chapter 2	3, 4	
INSERT	Chapter 2	3, 4	
REMOVE	Chapter 3	3, 10	
INSERT	Chapter 3	3, 12	
REMOVE	Data Sheet	1-12	
INSERT	Data Sheet	1-12	

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2.2 Time Schedule - Appraisals and Reappraisals

Timeliness is an important factor in the stumpage appraisal process. The following schedule applies:

1. For each new cutting authority, the licensee shall include with the application to the District Manager a completed Coast Appraisal Data Sheet and appropriate support information. When the data is provided, the District Manager will proceed as in Subsection 3 of this section.

2. For a reappraisal, the licensee shall provide all data, subject to Section 2.3 (3), and it must be received by the District Manager at least 45 calendar days prior to the anniversary of the cutting authority term (effective date). If the licensee fails to provide all data, then the District Manager:

    a. may notify the licensee, in writing, by the due date for reappraisal data (45 calendar days prior to effective date) and request that data known to have changed since the previous appraisal be submitted within 15 calendar days, and

    b. if the data is not received within 15 calendar days, use the best data available at the district office 30 calendar days prior to the effective date.

3. The District Manager or designate reviews the available data and if in agreement with the submission, signs the data sheet and advises the licensee in writing. If no data was submitted for reappraisal, then notifying the licensee is not required and Subsection 4, 5 and 6 of this section do not apply.

4. The District Manager shall notify the licensee, in writing, of any changes made to the appraisal data sheet.

5. The District Manager or the licensee may request a meeting to discuss the appraisal data submission.

6. At the meeting, the licensee may only clarify data previously submitted. The District Manager may revise the appraisal data sheet as a result of the meeting.

7. The District Manager shall provide a signed appraisal data sheet to the regional office and the licensee.

8. Regional revenue staff will advise the licensee, and District Manager in writing, of any further changes made to the appraisal data sheet.

9. Regional revenue staff will notify the licensee, in writing, of the stumpage rate and the summary of appraisal information used in determining the stumpage rate.

10. The licensee may notify regional revenue staff, in writing, of any objection to the information contained in the stumpage advisory notice that could be resolved without an administrative review or appeal. The receipt of an objection will be acknowledged in writing by regional revenue staff. At this point the objection is not considered an administrative review or appeal under the *Forest Act* (Section 143 to 150).

11. Regional revenue staff will notify the licensee, in writing, if the objection referred to in Section 10 of this section cannot be resolved within the 21-day review period, or a written extension thereof. In this notification the regional revenue staff will indicate that the 21-day time requirement for notice for review, specified in Section 144 (3) of the *Forest Act*, will commence upon receipt of this notification.

3.2 Log Grade Percentages

Log grade percentages are obtained for each species of timber in each cutting authority area being appraised or reappraised as described in Sections 3.2.1, 3.2.2, 3.2.3 and 3.2.4.

3.2.1 Billing History Record

The log scale data reported on stumpage invoices issued by Revenue Branch of the Ministry of Forests is the billing history record. The billing history record is kept by the Ministry of Forests.

A billing history record of a particular geographic area is a record of log scale data reported on stumpage invoices issued by the Revenue Branch of the Ministry of Forests for timber harvested in that geographic area.

Except as provided in Sections 3.2.2, 3.2.3 and 3.2.4, the part of the billing history record that will be used when the Appraisal Coordinator does an appraisal or reappraisal of a cutting authority area will be the two year billing history record as determined in Table 3-1. The date of issue on the stumpage invoice determines whether or not the log scale data is included in the two year billing history record.

Where the effective date of the appraisal or reappraisal falls within the period of the year listed in Column 1 of Table 3-1, the two year billing history record shall end on the corresponding date in Column 2 of Table 3-1 which immediately precedes the effective date of the appraisal or reappraisal.

Table 3-1: Billing History Record

Column 1 Date of Appraisal or Reappraisal	Column 2 Billing History Record Ends on the Preceding
January 1 to March 31	November 30
April 1 to June 30	February 28/29
July 1 to September 30	May 31
October 1 to December 31	August 31

3.2.2 Log Grade Percentage Criteria

To determine the log grade percentages to be used for the cutting authority area being appraised or reappraised, the Appraisal Coordinator will apply the following criteria:

1. The log grade percentage is the percentage by volume that log grade is of the total volume, of the species of timber being considered.

2. Except as provided in Sections 3.2.2, (6.) and 3.2.4, the log grade percentages for a species of timber are derived from the billing history record.

3. The source of log grade percentages may vary by species of timber.

4. Before a two year billing history record for a species of timber can be used in an appraisal or reappraisal, that two year billing history record must include 2 000 m^3 or more of that species.

5. a. Where there is less than 2 000 m^3 of volume for a species of timber within the two year billing history record of a Tree Farm Licence area or a Timber Supply Area, the billing history record that will be used for that species of timber will be the five year billing history record, and

   b. where the effective date of the appraisal or reappraisal falls within the period of the year listed in Column 1 of Table 3-1, the five year billing history shall end on the corresponding date in Column 2 of Table 3-1, which immediately precedes the effective date of the appraisal or reappraisal.

6. For the appraisal or reappraisal of a cutting authority area of a cutting authority issued under a Woodlot Licence, a replaceable Timber Sale Licence, or a cutting authority consisting of immature timber (as defined in Section 2.7), the log grade percentages for each species of timber will be derived from:

   a. the two year billing history record, where the two year billing history record for that cutting authority includes 2 000 m^3 or more of that species of timber, or

   b. the cruise compilation algorithm predictions, where the two year billing history record for that cutting authority does not include 2 000 m^3 or more of that species of timber.

7. For the appraisal or reappraisal of a cutting authority area of a cutting authority issued under the Small Business Forest Enterprise Program, the log grade percentages for each species of timber will be derived from:

   a. the two year billing history record, where the two year billing history record for that cutting authority includes 2 000 m^3 or more of that species of timber, or

b. if there is no such billing history record, the two year billing history record for the licence, or

c. the cruise compilation algorithm predictions, where the two year billing history record for that cutting authority, or license, does not include 2 000 m^3 or more of that species of timber, or

d. if immature timber (as defined in Section 2.7), refer to Section 3.2.2 (6).

8. Separation of cruise summary log grade data may be required for Cedar grades D and K, F and L, and I and M. These grades are separated by using the proportional grade percentages from the first appropriate level in Section 3.2.3.

3.2.3 Source of Log Grade Percentage for Each Cutting Authority

Except for those cutting authorities listed under Section 3.2.2 (6), the log grade percentages for each species of timber for the cutting authority area being appraised or reappraised will be determined using:

1. Section 3.2.3.1, where the cutting authority area being appraised or reappraised is entirely within the geographic boundaries of one Tree Farm Licence.

2. Section 3.2.3.2, where the cutting authority area being appraised or reappraised is entirely within the geographic boundaries of one Timber Supply Area.

3.2.3.1 Log Grade Percentages for a Cutting Authority Within the Geographic Boundaries of a Tree Farm Licence

Where the cutting authority area being appraised or reappraised is entirely within the geographic boundaries of a single Tree Farm Licence area, the Appraisal Coordinator will determine the log grade percentages for that cutting authority area in the following manner:

1. a. If the species being considered has a billing history record for that cutting authority that meets the criteria of Section 3.2.2 (4), then that billing history record will be the source of the log grade percentages for that species, or

   b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 2. of this section, or

   c. if immature timber (as defined in Section 2.7) refer to Section 3.2.2 (6).

2. a. If the cutting authority area is the only cutting authority area in the cutting authority and is entirely within the geographic boundaries of a single Timber Licence, the Appraisal Coordinator will proceed to Subsection 3. of this section.

   b. If Subsection 2. a. is not applicable, the Appraisal Coordinator will proceed to Subsection 4. of this section.

3. a. If the species being considered has a billing history record for that Timber Licence that meets the criteria of Section 3.2.2 (4), then that billing history record will be the source of the log grade percentages for that species, or

   b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 4. of this section.

4. a. If the species being considered has a billing history record for the portion of the Tree Farm Licence area that lies within the geographic boundaries of the forest district that contains the cutting authority area and that meets the criteria of

Section 3.2.2 (4), then that billing history record will be the source of the log grade percentages for that species, or

b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 5 of this section.

5. a. If the species being considered has a two year billing history record for the entire Tree Farm Licence area that contains more than 2 000 m^3, then that billing history record will be the source of the log grade percentages for that species, or

b. if there is no such billing history record, the Appraisal Coordinator will determine the log grade percentages for that species in accordance with Section 3.2.2 (5).

3.2.3.2 Log Grade Percentages for a Cutting Authority Within a Timber Supply Area

Where the cutting authority area being appraised or reappraised is entirely within the geographic boundaries of a single Timber Supply Area, the Appraisal Coordinator will determine the source of the log grade percentages in the following manner:

1. a. If the species being considered has a billing history record for that cutting authority that meets the criteria of Section 3.2.2 (4) then that billing history record will be the source of the log grade percentages for that species,

b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 2 of this section, or

c. immature timber (as defined in Section 2.7) refer to Section 3.2.2 (6).

2. a. If the cutting authority area is entirely within the geographic boundaries of a single Timber Licence, the Appraisal Coordinator will proceed to Subsection 3 of this section, or

b. if not, the Appraisal Coordinator will then proceed to Subsection 4 of this section.

3. a. If the species being considered has a billing history record for that Timber Licence that meets the criteria of Section 3.2.2 (4), then that billing history record will be the source of the log grade percentages for that species, or

b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 7 of this section.

4. a. If the species being considered has a billing history record for the supply block of the Timber Supply Area for the cutting authorities that were issued under the same licence as the cutting authority area being appraised or reappraised and that billing

history record meets the criteria of Section 3.2.2 (4), then that billing history record will be the source of the log grade percentages for that species, or

b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 5 of this section.

5. a. If the species being considered has a billing history record for the Timber Supply Area for the cutting authorities that were issued under the same licence as the cutting authority area being appraised or reappraised and that billing history record meets the criteria of Section 3.2.2 (4), then that billing history record will be the source of the log grade percentages for that species, or

b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 6 of this section.

6. a. If the species being considered has a billing history record for the entire supply block in the Timber Supply Area that meets the criteria of Section 3.2.2 (4), then that billing history record will be the source of the log grade percentages for that species, or

b. if there is no such billing history record, the Appraisal Coordinator will proceed to Subsection 7 of this section.

7. a. If the species being considered has a two year billing history record for the entire Timber Supply Area that contains more than 2 000 m^3, then that billing history record will be the source of the log grade percentages for that species, or

b. if there is no such billing history record, the Appraisal Coordinator will determine the log grade percentages for that species in accordance with Section 3.2.2 (5).

3.2.4 Damaged Timber

If the regional manager determines that the timber in a cutting authority area is significantly damaged, then notwithstanding Sections 3.2.1, 3.2.2 and 3.2.3, the log grade percentages for the cutting authority area being appraised or reappraised may be estimated from available site specific information.

3.3 Calculation of Stand Selling Price (SP)

The Species Selling Price (SSP) in $/m^3$ for each species of timber is determined using the percentage of each log grade and the corresponding average market value, as follows:

$$SSP = \frac{(\%\ grade\ B)*(AMV\ grade\ B)+(\%\ grade\ C)*(AMV\ grade\ C)+etc.}{100}$$

The selling price for each species of timber is rounded to the nearest cent and used in the formula below to determine the stand Selling Price (SP) in $/m^3$, as follows:

$$SP = \frac{(balsam\ SSP)*(balsam\ net\ cruise\ volume)+(cedar\ SSP)*(cedar\ net\ cruise\ volume)+etc.}{Total\ Net\ Cruise\ Volume\ (m^3)}$$

For appraisals and reappraisals, in all cases and without regard to utilization requirements, the stand selling price is based upon the net cruise volumes and species selling prices of the following species of timber:

Alder	Fir
Balsam	Hemlock
Cedar	Lodgepole Pine
Cottonwood	W. White Pine
Cypress	Sitka Spruce
	Engelmann Spruce

Birch and Maple

Volumes of birch and maple are added to alder when calculating stumpage rates.

Engelmann Spruce

Effective July 1, 1996, any spruce included in cruise compilations within the Pemberton, Yale, and Nahatlatch supply blocks will be considered to be Engelmann Spruce for appraisal purposes. In order to calculate the stand selling price for spruce, average log market values for hemlock and balsam will be applied to all spruce cruise volumes for cutting authorities in these supply blocks.

Cutting authorities outside these supply blocks will use hemlock and balsam average log market values for spruce at the time of appraisal or reappraisal where Engelmann Spruce is identified as the predominant spruce species in the cruise for the cutting authority or where the district manager verifies that Engelmann Spruce is the predominant spruce species in the stand.

Log grade profiles for all types of spruce will be established in accordance with Section 3.2 of this manual.

Douglas-fir

Effective June 1, 1997, all Douglas-fir located in the area described below will be appraised using immature Douglas-fir log AMVs.

This pricing policy will apply to Cortez Island and the Islands found between Vancouver Island and the British Columbia mainland west of a line drawn between Grief Point (Powell River) and the Tsawwessen ferry terminal, and between 50 degrees North latitude and the US border.

3.3.1 Low Volume Cypress Exception

Where the cypress cruise volume is less than 2 000 m^3, the J log grade average market value is used for cypress grades D, F, H, I, and J.

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BRITISH COLUMBIA

Ministry of Forests

COAST APPRAISAL DATA SHEET

Licence _____ Permit _____ Mark _____

ACKNOWLEDGEMENTS

Licensee or Licensee's Agent

I certify this appraisal data sheet is a true statement of timber stand, site conditions and/or harvesting, development, silviculture and any other requirements for the documents named herein.

Name: _____
(Please print)

Representing: _____
(Licensee name)

Date: _____ Phone # _____

Forest District Appraisal Staff (This data sheet must be signed by at least two Forest District staff)

Entries on this appraisal data sheet have been reviewed for accuracy and completeness, and revised where necessary.

Receipt of Submission: _____
(YEAR/MM/DD)

Data Sheet Prepared By: _____ (Name) _____ (Position) Date: _____ (YEAR/MM/DD)

Data Sheet Field Checked By: _____ (Name) _____ (Position) Date: _____ (YEAR/MM/DD)

and

Reviewed by Supervisor: _____ (Name) _____ (Position) Date: _____ (YEAR/MM/DD)

Forest Region Staff

Received by Region on: _____
(YEAR/MM/DD)

COAST APPRAISAL DATA SHEET

Reference Information

(complete for all appraisals)

Administrative Forest District _____

Geographic Forest District _____

Management Unit Type _____ **(TSA, TFL, WL, TL, WSL)**

TSA name (mandatory) _____

TSB name (mandatory) _____

Location _____

Licensee _____

Effective Date: _____ (YEAR/MM/DD)

New Appraisal, Reappraisal or Extension (Circle one)

Appraisal Expiry Date: _____ (YEAR/MM/DD)

Total Net Cruise Volume _____ m^3

Point of Appraisal ☐☐☐☐

ALBE = Alberni, CHEM = Chemainus,
GAMB = Gambier Isl, PIRV = Pitt River Bridge

Is there Specified Operation(s): Yes/No
See Section 4.11, Coast Appraisal Manual

(1) Initial Merchantable Area (0.1) _____ ha

Amendments Since First Appraisal				
Block	Approval Date	Additions	Deletions	ha
				ha
				ha
				ha
				ha
Totals				ha
(2) Net Amendments				ha

(3) Total Merchantable Area (0.1) (1) +/- (2): ____ha

(4) Area Logged * ____ha

AREA UNLOGGED (3 MINUS 4) ____ha

Attach additional data requested on
Specified Operations Data Sheet.

* Projected estimate as of reappraisal date.

COAST APPRAISAL DATA SHEET

LOG GRADE SHEET

LICENCE: _____ BILLING PERIOD: _____

PERMIT: _____ NET VOLUME MATURE CONIFEROUS: _____ m³

MARKS: _____ NET VOLUME IMMATURE CONIFEROUS: _____ m³

GRADE SOURCE: Cruise/Historic IS IMMATURE CONIFEROUS VOLUME ≥ 80% OF TOTAL YES/NO

Species	GRADE (%) (Region to complete)															Total Net Volume By Species (m³)	New Appraisal only: Grade Source Level (Region)	New Appraisal only: Competitive Indicator (Y/N)
	Peeler		Lumber				Sawlog			Shingle			Util.		Chip			
	B	C	D	E	F	G	H	I	J	K	L	M	U	X	Y			
Alder *													100					
Balsam																		
Cedar																		
Cottonwood													100					
Cypress																		
Fir																		
Hemlock																		
Lodgepole																		
Spruce																		
White Pine																		
															TOTAL NET VOLUME			

Selling Price Zone: _____ (Regional Office Use)

*Add maple and birch volume to alder.

COAST APPRAISAL DATA SHEET

TREE TO TRUCK (C.A.M. Section 4.4.1)

Average Side Slope: _____ %

Helicopter Logging (C.A.M. Section 4.4.2)

Water Drop Cruise Volume _____ m^3

Land Drop Cruise Volume _____ m^3

If Specified Operation (description) _____ cost _____ $/m^3$

LOG TRANSPORTATION

TRUCK HAULING (C.A.M. Section 4.5.1)

Average Haul Distance (0.1 km): _____ km

WATER TRANSPORTATION (C.A.M. Section 4.5.2.2)
(Estimate based on Point of Origin)

1) Code | | | | | Name _____

if averaging: 2) Code | | | | | Name _____

ROUTINE ROAD MAINTENANCE AND DEACTIVATION (C.A.M. Section 4.5.3)

Is maintenance required? YES / NO

ROAD AND LAND USE CHARGE (C.A.M. Section 4.5.4)

Description: _____

If claimed, provide description of road (length and location) and copies of invoices/agreements detailing charges. Total charges ($/m^3$): [ ]
Road-use claims must be submitted on page 11 with map and agreement attached, for the approval of the Regional Manager.
Please submit to Regional Office as soon as possible to allow time for approvals.

If Specified Operation (description) _____ cost _____ $/m^3$

COAST APPRAISAL DATA SHEET

ADMINISTRATION & OTHER

WOODS RUN (C.A.M. Section 4.6.2)

Is woods run required? YES / NO

One-way woods run distance (0.1 km) _____km

Marshalling Point Location _____

Camp Location _____

ACCOMMODATION (C.A.M. Section 4.6.3)

ACCESSIBLE

Is marshalling point connected to a highway by a road suitable for crew buses, resulting in a one-way trip from the nearest community to the marshalling area of less than 75 minutes? YES / NO

ISOLATED

Camp only YES / NO

Camp, cookhouse and bunkhouse YES / NO

If Specified Operation (description) _____ cost _____$/m³

DEVELOPMENT (C.A.M. Section 4.3)

NEW CONSTRUCTION

TABULAR ROADS

Is there tabular road construction? YES / NO

If yes, complete details on page 7. Attach extra pages if required.

Total road length (sum of all tabular road section lengths) (0.01 km) _____km

H - Length as a percent of Total Rock Length Greater than 90% ☐

90% or less ☐

COAST APPRAISAL DATA SHEET

Development - New Construction - Drainage Structures - attach Cost Estimate Form

* Bridge Types: L = Log P = Permanent or Portable.

** Appraisal year - first year the cost was put in an Appraisal/Reappraisal.

BRIDGES (See Section 4.3.2.2.1 and 4.3.2.2.2, Coast Appraisal Manual

(New Construction)

Bridge I.D.	Bridge Type *L/P	Crib Height (m)	Span Length (m)	Total Cost ($)	Crown Portion		Volume Remaining m^3 (region)	Appraisal Year **	Comments Section Built		
					%	$				Y/N	Update date
Barging (if applicable)											
		Total		$	$						

CULVERTS (Tabular and Engineered) - See Coast Appraisal Manual Section 4.3.2.2.3.

(New Construction)

Circular Type		Number	Unit Cost ($)	Total Cost ($)	Crown Portion		Volume Remaining m^3 (region)
Diameter (m)	Length (m)				%	$	
1.0							
1.2							

NOTE: Use the construction estimate form (page 10) for larger culverts. For Reconstruction use page 8.

COAST APPRAISAL DATA SHEET

Development - Tabular Roads (Exclude Detailed Engineered Roads and Bridges)

Page ___ of ___ **LICENCE** ________________ **C.P.** ________________

IDENTITY	SUBGRADE				STABILIZING MATERIAL			CAPPING MATERIAL							
Block # Road Name and Station Locations	Section Length (0.01 km)	Uphill Side-Slope (percent)	Const Category (1 to 6)	RMC H = RMC 5>60% S = Soft/Med	Trucking Distance (0.1 km)	Type G=Gravel R=Rock	RMC H = RMC 5>60% S = Soft/Med	Trucking Distance (0.1 km)	Type G=Gravel R=Rock	RMC H = RMC 5>60% S = Soft/Med	Crown Allocation	Volume Remaining m^3 (Region)	Appraisal Year	Show Bridge Section, Endhaul Section & Borrow Pit Location	Section Built Y/N
Total Page	km	Total Length cc 2 - 6 Sections			Total Length H Sections	% H									
Total Roads	km														

- Refer to Manual for Details on Capping and Rock Mass Class (RMC)
- Uphill slide slope = Average for the section length
- RMC - if RMC = 5 for more than 60% of the section then section = H (hard)
- Trucking Distance if less than 100 m = zero
- If stabilizing material trucked in, then RMC is for the Source material

COAST APPRAISAL DATA SHEET

Development - New Construction Roads (attach Cost Estimate Form)

Page ___ of ___ * Appraisal year - first year the cost was put in an Appraisal/Reappraisal

ENGINEERED ROADS

Identity	Length (km)	Total Cost	Crown Portion		Volume Remaining m^3	Appraisal Year	Comments		
Road Name & Road Stn		$	%	$	(Region)	*		Section Built Y/N	Update date
	Total	$	$						

Development - Reconstruction and Replacement Roads and Bridges (Tabular and Engineered) (Attach Construction Estimate Form)

Identity	Reconstruction Project	Bridges		Total Cost	Crown Portion		Volume Remaining m^3	Appraisal Year	Comments	Section Built
Road Name & Road Stn	Description	Crib Ht (m)	Span L (m)	$	%	$	(Region)	*		Y/N
				Total	$		$			

Note: For bridge structural repair, complete crib height and span length.
List in project description (culverts, bridge structural repair, road construction, etc.).

COAST APPRAISAL DATA SHEET

DEVELOPMENT PROJECT (Small Business Forest Enterprise Program only)

Complete the following to estimate development project costs.

Provide data from Road Project Submission Sheet form in District records:

Year 1 = Fiscal Year _____

Road name _____

Road Project No. _____ Length _____km

Total timber volume developed: _____m^3

Total appraisal road cost estimate (July 1/96) ($) _____

Volume Allocation $\frac{(\text{TSL Vol})}{(\text{Total Vol})} \times 100$ (%) _____

Allocated Road Cost for this Cutting authority ($) _____
(transfer to Allocated Development table below)

Allocated Development Table:

SBFEP Development Project					
Project Identity	Length km	Total Cost July 1/96 $	Volume Allocation %	Allocated Development Costs $	Comments

COMPLETE FOR ALL SBFEP SALES

Development Levy Applicable Yes / No _____
District Manager

If no, require approval by District Manager to set Levy for Section 20 sales to equal zero.

SILVICULTURE (C.A.M. Section 4.8)

Is Basic Silviculture Required? Yes / No

Silviculture Levy Applicable Yes / No _____
District Manager

If no, require approval by District Manager to set Levy for Section 20 sales to equal zero.

COAST APPRAISAL DATA SHEET

Construction Estimate Form

Licence: _____ C.P.: _____ Initial Estimate *or* Updated Estimate (circle one)

Location C.P. * : _____ Development Category: ☐ New ☐ Recon/Repl ☐ Bridge

Location Name and Road Station: _____

Description: _____ Appraisal Year ** _____

Item	Machine type	Function	Hours	Rate/Hour	Sub Total	Totals
1. Machine Cost:						
2. Labour Cost:						
Materials Cost: (July 1/96)						
3. Freight + Haulage for materials only						
4. Engineering if applicable:						
TOTAL COST (July 1/96)						

Approval
Dist. Eng.
Dist. Tbr.

1) List each machine employed and work performed.
2) Rate/hour is from Equipment and Labour rates table as per current appraisal manual.
3) Freight + haulage allowed for permanent type bridges (i.e. steel, concrete, or glu-lam).
4) Cost of design + engineering for log bridges not allowed. Cost of design inspection for other more complex structures by a professional engineer not on salary may be allowed.

Note: Transfer total cost to appropriate data sheet section. If more space needed, attach another form page.

* Location CP is cutting permit where actual work occurred and the cost is allocated to this tributary cutting authority.

** Appraisal Year - First year the cost was put in an Appraisal/Reappraisal.

*** Use actual machine working hours recorded, not actual cost of project **for cost update**.

Request for Approval
Road and Land Use Charge in Appraisals
(See Section 4.5.4 of Coast Appraisal Manual)

District _____

Location _____

Licensee _____

Private Land Owner _____

Cutting Authorities Affected (Volumes and Time Frame)

_____

_____

_____

_____

Reason For Request

_____

_____

_____

_____

Determination of Cost Estimates (Provide details of Calculation)

_____

_____

_____

_____

Mandatory
Attachments: Map ☐ Agreement for Charges ☐

Requested by: District _____ Date _____

Approved _____ Date _____
Regional Manager

Comments _____

Complete when block(s) in a Cutting Authority are appraised requiring multiple entry (e.g., point of origin, marshalling point, accommodation, etc.).

Block		Point of Origin	Truck Haul Dist.	Road & Land Use Charges	Woods Run				Accommodation				Total Cost for Block	Prorate Factor Block Volume Total Volume	Prorated Cost
					(Check one)				Accessible (Check one)		Isolated (Check one)				
#	Volume	Code	Distance (km)	$/m^3	Yes	No	Dist (km)	Marshalling Point Location	< 75 minutes	> 75 minutes	Camp Only	Camp Cook House, Bunk House	$		$/m^3
Cutting Authority Totals:															