



Forest Management Plan Approval Decision

**Weyerhaeuser Company Ltd.
Edson, Alberta**

**Forest Management Agreement
#9700035**

Date: January 24, 2008

Effective: May 1, 2006

Approved by:

Original Signed By,

**D. (Doug) A. Sklar, RPF
Executive Director
Forest Management Branch
Forestry Division**

Executive Summary

The forest management plan dated April 2006 and supporting Timber Supply Analysis documentation dated November 2006, (submitted December 1, 2006) are approved subject to the satisfactory completion of the following approval conditions.

Approval Conditions

<i>Condition</i>	<i>Submission document or Requirement</i>	<i>Approval Authority</i>	<i>Date</i>
<i>8.1</i>	<i>VOIT Matrix</i>	<i>Senior Manager, FPS</i>	<i>April 1, 2008</i>
<i>9.1</i>	<i>Predicted Future Forest</i>	<i>Senior Manager, FPS</i>	<i>April 1, 2008</i>
<i>10.1</i>	<i>Structure Retention and Monitoring</i>	<i>Senior Manager, FPS</i>	<i>April 1, 2008</i>
<i>12.1</i>	<i>Industrial Timber Salvage</i>	<i>Senior Manager, TPARS</i>	<i>April 1, 2008</i>
<i>13.1</i>	<i>Alternative Regeneration Standards</i>	<i>Senior Manger, RS</i>	<i>May 1, 2011</i>
<i>14.1</i>	<i>Forest Health</i>	<i>Executive Director, FMB</i>	<i>May 1, 2009</i>
<i>17.1</i>	<i>Revisions and Future Forest Management Plans</i>	<i>Senior Manager, FPS</i>	<i>April 1, 2016</i>
<i>18.1</i>	<i>Performance Monitoring</i>	<i>Senior Manager, FPS</i>	<i>November 1, 2012</i>

Authorization

The Detailed Forest Management Plan for the Weyerhaeuser Edson FMA area dated April 2006 is approved subject to the Approval Conditions being met and the Annual Allowable Cuts presented in this Approval Decision.

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1.0 Introduction

The approval of forest management plans is the mandate of the Executive Director of the Forest Management Branch (FMB), Forestry Division of the Department of Sustainable Resource Development (department). This Approval Decision documents the rationale, and conditions of approval for the Weyerhaeuser Company Ltd. – Edson (Weyerhaeuser) Detailed Forest Management Plan (FMP) dated April 2006. This approval provides direction for the successful and efficient implementation of the FMP.

The FMP has been validated by a Regulated Forestry Professional (RFP). The department recognizes RFP-validated work as complete, accurate, and prepared with professional due diligence. The FMP has been reviewed and approved by government RFPs (see Table 1).

I commend Weyerhaeuser and those people who have contributed to the FMP for their efforts to address the complex issues of forest management.

The conditions in this Approval Decision are consistent with the terms of the Forest Management Agreement (FMA) and failure by Weyerhaeuser to fulfill the direction provided in this Approval Decision shall place the Company in default of its FMA.

2.0 Government of Alberta Participants: Forest Management Plan Appraisal

The following Government of Alberta staff participated in the appraisal of the Weyerhaeuser FMP. Their comments and recommendations are addressed in this Approval Decision. I extend my thanks to the staff for their personal and professional commitment to the task.

Table 1: Government of Alberta Participants

Government Reviewers	Title	Registration	FMP Component
Darren Aitkin, RPF	Growth & Yield Forester	CAPF # 662	Growth & Yield
Jan Ficht	Area Wildlife Biologist	-	All Chapters
Jamie Bruha, RPF	Senior Operations Forester	CAPF # 419	Ground Rules
Kevin Vanderhaeghe, RPF	FMA Forester	CAPF # 574	All Chapters
Stephen Wills, RPF	Forest Management Planning Forester	CAPF # 628	All Chapters
Grant Klappstein, RPF	Growth & Yield Forester	CAPF# 768	Components of Growth and Yield
Marty O'Byrne, RPF	Provincial Silviculture Specialist	CAPF # 118	Silviculture Table
Jan Schilf, RPF	Tenure Forester, Timber Production, Auditing & Revenue Section	CAPF # 240	Quadrant/Periodic Cuts
Nadine Pederson, RPF	Senior Timber Supply Analyst	CAPF #496	Chapter 6 and appendices
Stephen Wills	Forest Management Planning Forester	CAPF#628	All Chapters
Robert W. Stokes, RPF	Senior Manager, Forest Planning Section	CAPF#500	All Chapters

CAPF – College of Alberta Professional Foresters

CAPFT – College of Alberta Professional Forest Technologists

ASPB – Alberta Society of Professional Biologists

3.0 Forest Management Area

The area under consideration is the Forest Management Agreement area of Weyerhaeuser – Edson, FMA9700035 allocated to the Company through Order-in-Council 257/97, dated June 11, 1997. The FMA area is within Forest Management Units (FMU) E1, E2, W5 and W6.

The FMA is located in the Foothills natural region of west-central Alberta, and spans both the Lower Foothills and Upper Foothills natural sub-regions. Chapter 3 of the FMP, the *General Description of the FMA and Area* describes the FMA in greater detail.

4.0 FMP Background

To meet the FMA requirements Weyerhaeuser to submit a Detailed Forest Management Plan on June 28, 2001. Although there was agreement on much of the plan content, the timber supply analysis was incomplete and did not meet the department's requirements for approval. Since then, Company restructuring and integration issues with the embedded operators have extended completion timelines for FMP.

Weyerhaeuser re-submitted its FMP on April 12, 2006, followed by the Timber Supply Analysis on December 1, 2006. Review and feedback to the Company has been ongoing and productive. A number of items are identified as needing to be addressed during FMP implementation. These comprise the discussion and Approval Conditions contained herein.

5.0 Public Involvement

FMA Sections 10(1) and 10(2) require Weyerhaeuser to conduct an acceptable public consultation process. The FMP, Section 2.4, Appendices 1-5, 2-1, and 5-1, and Weyerhaeuser's Public Involvement Plan, document efforts in this regard. To solicit feedback and facilitate public awareness of its forest management activities, Weyerhaeuser included a wide range of stakeholders and department staff on its Forest Advisory Committee (WeyFAC). The focus of this group was the FMP and forest operations in general.

While efforts have been good, Weyerhaeuser is encouraged to enhance its effort to conduct meaningful public involvement throughout the FMP implementation. Meaningful consultation is characterized by sincere efforts to help stakeholders understand the implications of the plans, sincere efforts to make the plans available at a time and in a manner sufficient for stakeholders to read and study them, and sincere and accurate explanations of how the interests and concerns of the stakeholders have been addressed.

Weyerhaeuser must also ensure that First Nations consultation, as directed by provincial policy, is incorporated into its operational planning and subsequent FMP development processes.

6.0 Research

Weyerhaeuser's leadership and participation in forestry research is significant. However, there is little mentioned of how research results were used to formulate and support the FMP objectives and strategies. In future submissions a specific discussion of how Weyerhaeuser applies research findings and integrates them into its plans and operations is warranted.

I encourage the Company to continue collaborating with the scientific community but also to increase its efforts to ensure there is a strong linkage to operational practices.

7.0 Approval Scope

This Approval Decision relates to the Weyerhaeuser FMP dated April 2006 and supporting Timber Supply Analysis documentation dated November 2006, (submitted December 1, 2006). All coniferous and deciduous operators within the Weyerhaeuser Edson FMA shall conduct their activities in accordance with the FMP and the Approval Conditions.

Weyerhaeuser shall meet the requirements (dates and content) of the Approval Conditions unless the Executive Director, Forest Management Branch, agrees to alternate requirements in writing. Prior to identified submission dates, Weyerhaeuser will execute meaningful dialogue with the designated department decision-maker during the development so that submissions can be granted "agreement-in-principle" prior to formal submission by the condition date.

In the Approval Decision **bold text** identifies specific timelines, requirements and the department manager responsible for the review. Non-bolded text provides the rationale for the condition and specific considerations to be addressed in meeting the condition.

In the event of an inconsistency between the FMP and existing, new, or revised legislation or regulation, the legislation or regulation shall apply.

APPROVAL CONDITIONS

8.0 Value, Objective, Indicator and Target (VOIT) Matrix

FMPs prepared by industry are required to identify performance standards, which are described by Values, Objectives, Indicators and Targets (VOIT). These VOITs must be addressed in detail in the FMP.

Weyerhaeuser has worked cooperatively with the department to revise Sections 7 and 9 of the 2006 FMP to meet the Forest Management Planning Standard requirements for VOITs. General agreement has been reached (except: Habitat Availability). The following applies:

Approval Condition 8.1 - Value, Objective, Indicator and Target (VOIT) Matrix

- i. By April 1, 2008, Weyerhaeuser shall incorporate the revised VOIT table into the FMP. Targets for the VOITs shall be set using outputs from the approved Preferred Forest Management Scenario and timber supply analysis included in the April 2006 FMP.**

9.0 Predicted Future Forest

The Timber Supply Analysis contains a description of the future forest. Weyerhaeuser uses a coarse filter approach that assumes this will effectively maintain species diversity. Fine-filter assessments of selected feature species were not completed for the FMP.

The coarse filter approach is deemed effective for a majority of wildlife. When used in combination with fine filter assessments to “check” the predictions, this approach is acceptable. This can be accomplished using predictions of habitat availability for selected species throughout the planning period. The objective is to ensure that habitat for the species selected does not disappear through time.

Approval Condition 9.1 – Predicted Future Forest

- i. By April 1, 2008, develop a list of fine-filter species, for which habitat will be modeled and the results incorporated into the April, 2016 FMP.**
- ii. The Mountain Pine Beetle Pine Management Strategy FMP amendment (under development) will assess the impact of harvesting on grizzly bear habitat.**

10.0 Structure Retention and Monitoring

Forest managers practice green tree retention within harvested areas to create residual (post-harvest) stand structure. The department has approved FMPs with structure retention targets ranging from 1% to 15% of the merchantable volume. From this a variety of forest conditions will result throughout the province, that when assessed, will allow useful comparisons and enable refinement of future targets. Weyerhaeuser’s strategy to maintain an average of 3% in FMUs E2, W5 and W6, and 8% in FMU E1 of merchantable volume within harvest areas falls within this range and is acceptable.

The FMP indicates that the harvest levels include the “flat-rate” volume reduction of 3% in FMUs E2, W5 and W6, and 8% in FMU E1 to account for merchantable volume retained for residual structure. This strategy must be supported by a program to monitor and report actual retained volumes for timber harvest production reconciliation for all operators.

The following applies:

Approval Condition 10.1 – Structure Retention and Monitoring

- i. All operators in the Weyerhaeuser Edson FMA will plan and carry out their operations to achieve the average structure retention target of 3% in FMUs E2, W5 and W6, and 8% in FMU E1 of the coniferous AAC and 3% in FMUs E2, W5 and W6, and 8% in FMU E1 of**

the deciduous AAC. Species composition and timber profile representative of the original stand conditions shall be retained to achieve acceptable biodiversity results. Non-merchantable timber may also be used to augment merchantable retention.

- ii. By April 1, 2008, Weyerhaeuser shall develop standard operating procedures for monitoring, measuring and reporting the retained structure (merchantable and non-merchantable) on harvested areas. The Company is expected to reach general agreement with embedded timber operators, and the result must be acceptable to the Senior Manager, Forest Planning Section.**
- iii. Merchantable volumes retained shall be reported in Annual and Stewardship Reports.**
- iv. Merchantable volume retained for structure in excess of the percentages identified in (i) above shall be chargeable as annual allowable cut (AAC) production and shall be reconciled every 5 years at the end of each cut control period.**

11.0 Silviculture Strategy

Defining the silviculture practices that will be used to establish managed stands and forecasted timber yields is important. FMPs must present the reforestation strategies to be used to achieve the timber yields from the regenerated stands. Silvicultural practices must be appropriate for the local range of conditions.

The Silviculture table presented in FMP (Appendix 8-3) is a reasonable summary of the tactics to be used to regenerate the future forest. All timber operators operating on the FMA are expected to apply these tactics.

12.0 Industrial Timber Salvage

Accounting for all sources of timber volume drain is critical to ensuring the approved AACs are sustainable. In Alberta, non-forestry industrial operations contribute to this drain and must be included in the total. Weyerhaeuser's proposal has several weaknesses to be addressed.

Weyerhaeuser's industrial timber salvage strategy must;

1. Account for all salvaged and unsalvaged merchantable timber as production
2. Inform embedded operators of available timber salvage
3. Equitably allocate timber salvage and production chargeability to all timber operators
4. Clearly define timber salvage tracking and reporting systems.

The following applies:

Approval Condition 12.1 – Industrial Timber Salvage

- i. All timber depleted (salvaged and non-salvaged merchantable timber) by non-forestry operations shall be reported as production for cut control purposes, except for low impact seismic programs where the average line width is less than 2.5 metres and Timber Damage**

Assessment compensation for is not requested.

- ii. The volumes used shall be those from the published timber damage assessment tables or as otherwise agreed by the Senior Manager, Timber Production, Auditing and Revenue Section.**
- iii. By April 1, 2008, in consultation with quota operators, Weyerhaeuser shall develop and implement a salvage timber volume tracking and reporting system acceptable to the Senior Manager, Timber Production, Auditing and Revenue Section.**

13.0 Alternative Regeneration Standards

The Regeneration Survey Manual establishes provincial reforestation performance standards (provincial survey standard) that are intended to create fully stocked natural stand yields. These standards shall be used until alternative regeneration performance standards are developed that relate to each yield projection used in the FMP. Incidental timber volumes are important and must be addressed. The Company proposes strategies to achieve incidental timber replacement and proposes that tracking the performance of this program will be accomplished through a requirement for incidental stocking to be included in its alternative regeneration standards (ARS). This is an acceptable approach.

The following applies:

Approval Condition 13.1 – Alternative Regeneration Standards

- i. By May 1, 2011, Weyerhaeuser shall implement its alternative regeneration performance standards acceptable to the Senior Manager, Reforestation Section. The ARS will include standards for incidental species stocking to achieve replacement of incidental volumes.**

14.0 Forest Health

The FMP presents one objective and several strategies for maintaining a healthy forest. The PFMS does not address the mountain pine beetle Pine Strategy Planning, the Province's primary forest health concern at this time. I am aware and encouraged that the Company is working on Pine Strategy Plans for its FMAs in Alberta and look forward to reviewing these in the months to come.

The following applies;

Approval Condition 14.1 – Forest Health

- i. Weyerhaeuser shall follow the *Alberta Forest Health Strategy and the Shared Roles and Responsibilities between SRD and the Forest Industry* when planning and conducting forest health operations.**
- ii. By May 1, 2009, Weyerhaeuser shall prepare a FMP amendment that meets the requirements of the *Mountain Pine Beetle Action Plan for Alberta and its Interpretive Bulletin - Planning Mountain Pine Beetle Response Operations*.**

15.0 Forest Management Unit and Periodic Cut Administration

The amalgamation of Forest Management Units (FMU) (E1, E2, W5, and W6) into a single FMU has been discussed. Annual allowable cuts are set for each FMU in the province where timber dispositions are allocated. Timber production is monitored and controlled by FMU. All companies are therefore required to track production on an FMU basis. This has not been the FMA practice in recent years and this is a significant change to the company's administration of its production control system.

I acknowledge that Weyerhaeuser will engage the embedded operators in discussions to amalgamate the four FMUs for the mountain pine beetle FMP amendment, or the next FMP.

Approval Condition 15.1 - FMU and Periodic Cut Administration

- i. Weyerhaeuser will administer, monitor, report and balance its FMA timber production by FMU, consistent with department requirements.**

16.0 Strata Balancing

An unresolved matter regarding areas salvaged following the Chip Lake Fire in FMU W6 still remains. The department's letter of November 20, 2006, outlined the steps to align the FMA with current strata balancing requirements. Weyerhaeuser responded in a letter dated December 22, 2006. The department's direction of November 20, 2006 is appropriate and remains valid; however, this issue is best resolved through further discussions with the Senior Manager, Reforestation Section.

17.0 Revisions and Future Forest Management Plans

In meeting some of the Approval Conditions sections or sub-sections of the April 2006 FMP will require re-submission. The FMA schedule for the next FMP submission is July 2007. The department's interest is to maintain current and pertinent forest management plans and strict adherence to FMP schedules adds costs, but no measurable value. Updating the April 2006 FMP, will achieve many of the key requirements of the Alberta Forest Management Planning Standard and meet the department, company, stakeholders and the public needs for the next decade.

The following applies:

Approval Condition 17.1 – Revisions and Future Forest Management Plans

- i. The April 2006 FMP shall be updated to meet the direction and Approval Conditions in this document. An updated version of the FMP shall be produced at the completion of the update in a format acceptable to the Senior Manager, Forest Planning Section.**
- ii. Weyerhaeuser shall prepare and submit the next FMP that meets the forest management planning standards by the April 1, 2016.**

18.0 Performance Monitoring

Annual Reports and 5-year Stewardship Reports are used to monitor the successful implementation of FMPs.

The following applies:

Approval Condition 18.1 – Performance Monitoring

- i.) Weyerhaeuser shall submit Annual Reports and Stewardship Reports that report the achievement of each target in the updated VOIT table. Where variances from the planned outcomes exist the Company shall assess and determine the reason for each variance and present the corrective action taken or proposed.**
- ii.) A Stewardship Report acceptable to the Senior Manager, Forest Planning Section shall be submitted by November 1, 2012.**

19.0 Approved Annual Allowable Cuts

Refer to Tables 1 and 2: Historical Allocations and Approved Annual Allowable Cuts

Refer to Table 4: Quadrant and Periodic Allowable Cuts

20.0 Authorization

The Detailed Forest Management Plan for the Weyerhaeuser – Edson FMA dated April 2006 is approved subject to the Approval Conditions being met, and the Annual Allowable Cuts presented in this Approval Decision.

The Annual Allowable Cuts are effective beginning May 1, 2006.

21.0 Regulated Forestry Professional Validation of Allocation Tables

The following regulated forestry professionals agree and validate that the following tables;

- i. Table 1: Historical Allocations
- ii. Table 2: Approved Annual Allowable Cuts and Timber Allocations
- iii. Table 3: Utilization and Operational Volume adjustments
- iv. Table 4: Periodic and Quadrant Allowable Cuts

are complete and accurate and document the timber dispositions, allocations and approved harvest levels for FMUs E1, E2, W5 and W6.

Original signed by:

- Mr. Paul Scott, RPF #393, Weyerhaeuser Company
- Mr. Raymond Hiltz, RPFT #9200005, Millar Western Forest Products
- Mr. Bryan R. Davies, RPF #61, Blue Ridge Lumber
- Mr. David J. Cobb, RPF #909, EDFOR
- Mrs. Janet M. B. Schilf, RPF #240, Alberta Sustainable Resource Development

Table 1: Historical Allocations

Company Name	Disposition #	FMU	% Coniferous Allocation	Coniferous Timber		Utilization Standard	% Deciduous Allocation	Deciduous Timber		Utilization Standard
				AAC (m ³ /yr)	Incidental %			AAC (m ³ /yr)	Incidental %	
Weyerhaeuser	FMA9700035	E1	N/A	74,858	100.00%	15/11	N/A	36,305	100.00%	15/10
Edson Timber Products	CTQE010005	E1	3.41%	2,644		15/11				
Weyerhaeuser	DTAE910001	E91/E1						55		15/10
FMU Total				77,502				36,360		
Weyerhaeuser	FMA9700035	E2	N/A	6,570	20.00%	15/11		54,058	100.00%	15/10
EDFOR Co-Op Ltd.	CTQE020002	E2	78.60%	34,640	80.00%	15/11				
CTPP	CTPP	E2	6.49%	2,860		15/11	Fixed	1,500		15/10
Weyerhaeuser	DTAE910001	E91/E2						9,241		15/10
FMU Total				44,070				64,799		
Weyerhaeuser	FMA9700035	W5						16,386		15/10
CCTP	CCTP	W5	100.00%	17,013	100.00%	15/11	Fixed	4,000	100.00%	15/10
Weyerhaeuser	DTAE910001	E91/W5						6,379		15/10
FMU Total				17,013				26,765		
Weyerhaeuser	FMA9700035	W6	N/A	41,289	100.00%	15/11		96,909	100.00%	15/10
Millar Western	CTQW060002	W6	0.70%	1,306		15/11				
Blue Ridge Lumber	CTQW060010	W6	18.87%	35,186		15/11				
ANC Timber	CTQW060011	W6	43.14%	80,456		15/11				
Cold Creek Timber	CTQW060012	W6	5.36%	10,000		15/11				
CCTP	CCTP	W6	Fixed	18,252		15/11	Fixed	17,591		15/10
Weyerhaeuser	DTAE910001	E91/W6						2,160		15/10
FMU Total				186,489				116,660		

Table 2: Approved Allocations and AACs
Effective Date: May 1, 2006

Company	Disposition #	FMU	Coniferous Timber					Deciduous Timber				
			% Coniferous Allocation	AAC (m ³ /yr)	Incidental %	Incidental AAC (m ³ /yr)	Utilization Standard	% Deciduous Allocation	AAC (m ³ /yr)	Incidental %	Incidental AAC (m ³ /yr)	Utilization Standard
Weyerhaeuser	FMA9700035	E1	N/A	62,188	100.00%	24,549	15/11	N/A	22,102	100.00%	11,728	15/10
Edson Timber Products	CTQE010005	E1	4.70%	3,069			15/11					
Weyerhaeuser	DTA/CTQ Grazing	E1	0.058%	38		14			38		5	15/10
FMU Total				65,295		24,563			22,140		11,733	
Weyerhaeuser	FMA9700035	E2	N/A	5,538	20.00%	6,734	15/11		71,119	100.00%	4,773	15/10
EDFOR Co-Op Ltd.	CTQE020002	E2	78.60%	31,318	80.00%	30,414	15/11					
CTPP	CTPP	E2	6.49%	2,586			15/11	Fixed			1,500	15/10
Weyerhaeuser	DTA/CTQ Grazing	E2	1.012%	403		870			11,111		598	15/10
FMU Total				39,845		38,018			82,230		6,871	
Weyerhaeuser	FMA9700035	W5	N/A						23,914			
CCTP	CCTP	W5	100.00%	22,116	100.00%	7,878	15/11	Fixed	4,000	100.00%	11,324	15/10
Weyerhaeuser	DTA/CTQ Grazing	W5							10,193			15/10
FMU Total				22,116		7,878			38,107		11,324	
Weyerhaeuser	FMA9700035	W6	N/A	31,220	100.00%	25,991	15/11		81,473	100.00%	43,008	15/10
Millar Western	CTQW060002	W6	0.70%	1,120			15/11					
Blue Ridge Lumber	CTQW060010	W6	18.87%	30,190			15/11					
ANC Timber	CTQW060011	W6	43.14%	69,021			15/11					
Cold Creek Timber	CTQW060012	W6	6.25%**	10,000			15/11					
CCTP	CCTP	W6	Fixed	18,252			15/11	Fixed			17,591	15/10
Weyerhaeuser	DTA/CTQ Grazing	W6	0.118%	189		665			2,416		547	15/10
FMU Total				159,992		26,656			83,889		61,146	

*CTQ/DTA volumes from Table 7.19 of TSA documentation

**Percent will be revised with future AAC calculations

Table 3: Utilization and Operational Volume Adjustments

Company	Disposition Number	Utilization used in FMU AAC Calculations			Operational Utilization				
		Top Diameter (cm)	Butt Diameter (cm)	Stump Height (cm)	Top Diameter (cm)	Butt Diameter (cm)	Stump Height (cm)	Coniferous AAC (m3) based on Operational Utilization	Deciduous AAC (m3) based on Operational Utilization
Weyerhaeuser ¹	FMA9700035	11	15	15	13	15	15	148,409	244,927
ANC Timber ²	CTQW060011	11	15	15	10	15	15	71,085	0
Millar Western ²	CTQW060002	11	15	15	10	15	15	1,153	0

¹ Conversion factor of 5% decrease in AAC from 15/11/15 cm to 15/13/15 cm

² Conversion factor of 2.99% increase in AAC from 15/11/15 cm to 15/10/15 cm.

Table 4: Periodic and Quadrant Allowable Cuts

Company Name	Disposition Number	FMU	Quadrant Period	Approved Quadrant Coniferous Reconciliation Volume (m ³)		Approved Quadrant Deciduous Reconciliation Volume (m ³)		Primary Deciduous Quadrant Allowable Cut (m ³)	Secondary Deciduous Quadrant Allowable Cut (m ³)	Primary Coniferous Quadrant Allowable Cut ¹ (m ³)	Secondary Coniferous Quadrant Allowable Cut (m ³)	Comments
				Pure	Incidental	Pure	Incidental					
Weyerhaeuser Company Ltd.	FMA9700035	E01	July 1, 2002 to June 30, 2007	1,431	n/a	63,115	n/a	228,064	13,688	360,934	28,651	Assuming 3,8329 yrs. x 36,305 m ³ /yr. primary deciduous at 15/10/30 cm (74,858 m ³ /yr. primary coniferous at 15/11/30 cm) + 1,1671 yrs. x 22,102 m ³ /yr. primary deciduous at 15/10/15 cm (1,1671 yrs. x 62,188 m ³ /yr. primary coniferous at 15/11/15 cm) + 63,115 m ³ primary deciduous at 15/10/30 cm (1,431 m ³ primary coniferous at 15/11/30 cm) reconciliation volume for 1997-2002. Assuming 1,1671 yrs. x 11,728 m ³ /yr. secondary deciduous at 15/10/15 cm (1,1671 yrs. x 24,549 m ³ /yr. secondary coniferous at 15/11/15 cm).
Weyerhaeuser Company Ltd.	FMA9700035	E01	July 1, 2007 to June 30, 2012	-39,641	19,032	24,094	3,513	134,604	62,153	271,299	141,777	Assuming 5 yrs. x 22,102 m ³ /yr. primary deciduous at 15/10/15 cm (62,188 m ³ /yr. coniferous at 15/11/15 cm). + 24,094 m ³ primary deciduous at 15/10/15 cm (-39,641 m ³ primary coniferous at 15/11/15 cm) reconciliation volume from 2002-2007. Assuming 5 yrs. x 11,728 m ³ /yr. secondary deciduous at 15/10/15 cm (24,549 m ³ secondary coniferous at 15/11/15 cm) + 3,513 m ³ secondary deciduous at 15/10/15 cm (19,032 m ³ secondary coniferous at 15/11/15 cm) reconciliation volume from 2002-2007.
Weyerhaeuser Company Ltd.	DTAE910001	E01	May 1, 2002- April 30, 2007	0	0	0	0	258	0	0	0	Assuming 4 yrs. x 55 m ³ /yr. primary deciduous at 15/10/30 cm + 1 yr. x 38 m ³ /yr. primary deciduous at 15/10/15 cm. DTA issued for deciduous AAC found in grazing leases within FMU E01. DTA was cancelled effective April 30, 2007 and volume re-issued as a FMU E01DTP.
Weyerhaeuser Company Ltd.	DTPE01000X	E01	May 1, 2007- April 30, 2012	0	0	0	0	190	25	0	0	Assuming 5 yrs. x 38 m ³ /yr. primary deciduous at 15/10/30 cm + 5 yrs. x 5 m ³ /yr. secondary deciduous at 15/10/15 cm. 5 year DTP issued for deciduous AAC found within grazing leases with the FMU E01.
Weyerhaeuser Company Ltd.	CTPE01000X	E01	May 1, 2007- April 30, 2012	0	0	0	0	0	0	190	70	Assuming 5 yrs. x 38 m ³ /yr. primary coniferous at 15/11/15 cm + 5 yrs. x 14 m ³ /yr. secondary coniferous at 15/11/15 cm. Five year CTP issued for coniferous AAC found within grazing leases with the FMU E01.
Edson Timber Products Ltd.	CTQE01F001	E01	May 1, 2002- April 30, 2007	-235	0	0	0	0	0	13,410	0	Assuming 4 yrs. x 2,644 m ³ /yr. primary coniferous at 15/11/30 cm + 1 yr. x 3,069 m ³ /yr. primary coniferous at 15/11/15 cm - 235 m ³ overcut from 1997-2002.
Edson Timber Products Ltd.	CTQE01F001	E01	May 1, 2007- April 30, 2012	-824	0	0	0	0	0	14,521	0	Assuming 5 yrs. x 3,069 m ³ /yr. primary coniferous at 15/11/15 cm - 835 m ³ overcut from 1997-2002.
Weyerhaeuser Company Ltd.	FMA9700035	E02	July 1, 2002 to June 30, 2007	117	0	94,673	0	384,875	5,571	31,763	7,859	Assuming 3,8329 yrs. x 54,058 m ³ /yr. primary deciduous at 15/10/30 cm (6,570 m ³ /yr. primary coniferous at 15/11/30 cm) + 1,1671 yrs. x 71,119 m ³ /yr. primary deciduous at 15/10/15 cm (1,1671 yrs. x 5,538 m ³ /yr. primary coniferous at 15/11/15 cm) + 94,673 m ³ primary deciduous at 15/10/30 cm (117 m ³ primary coniferous at 15/11/30 cm) reconciliation volume from 1997-2002. Assuming 1,1671 yrs. x 4,473 m ³ /yr. secondary deciduous at 15/10/15 cm (1,1671 yrs. x 6,734 m ³ /yr. secondary coniferous at 15/11/15 cm).
Weyerhaeuser Company Ltd.	FMA9700035	E02	July 1, 2007 to June 30, 2012	27,100	-950	-78,254	5,570	277,341	29,435	54,790	32,720	Assuming 5 yrs. x 71,119 m ³ /yr. primary deciduous at 15/10/15 cm (5,538 m ³ primary coniferous at 15/11/15 cm) - 78,254 m ³ primary deciduous at 15/10/15 cm (+ 27,100 m ³ primary coniferous at 15/11/15 cm) reconciliation volume from 2002-2007. Assuming 5 yrs. x 4,473 m ³ /yr. secondary deciduous at 15/10/15 cm + 5,570 m ³ secondary deciduous at 15/10/15 cm (-950 m ³ secondary coniferous at 15/11/15 cm) reconciliation volume from 2002-2007.
Weyerhaeuser Company Ltd.	DTAE910001	E02	May 1, 2002 - April 30, 2007	0	0	0	0	48,075	0	0	0	Assuming 4 yrs. x 9,241 m ³ at 15/10/30 + 1 yr. x 11,111 m ³ at 15/10/15. DTA issued for deciduous AAC found within grazing leases within FMU E02. DTA was cancelled effective April 30, 2007 and rolled into DTAE020002.
Weyerhaeuser Company Ltd.	DTAE020002	E02	May 1, 2007 - April 30, 2012	0	0	0	0	55,555	2,990	0	0	Assuming 5 yrs. x 11,111 m ³ pure deciduous + 5 yrs. x 598 m ³ secondary deciduous at 15/10/15 cm. DTA was issued for the deciduous AAC found within grazing leases with the FMU.
Weyerhaeuser Company Ltd.	CTQE020003	E02	May 1, 2007 - April 30, 2012	0	0	0	0	0	0	2,015	4,350	Assuming 5 yrs. x 403 m ³ /yr. pure coniferous + 5 yrs. x 870 m ³ /yr. incidental coniferous at 15/11/15. CTQ issued for coniferous AAC found within grazing leases with the FMU E02.
EDFOR Cooperative Ltd.	CTQE020002	E02	May 1, 2005 - April 30, 2007	0	0	0	0	0	0	65,958	30,414	Assuming 1 yr. x 36,640 m ³ /yr. pure coniferous at 15/11/30 cm + 1 yr. x 31,318 m ³ /yr. pure coniferous at 15/11/15 cm. Assuming 1 yr. x 30,414 m ³ /yr. secondary coniferous at 15/11/15 cm.
EDFOR Cooperative Ltd.	CTQE020002	E02	May 1, 2007 - April 30, 2012	-8,706	8,093	0	0	0	0	147,884	160,163	Assuming 5 yrs. x 31,318 m ³ /yr. pure coniferous at 15/11/15 cm - 8,706 m ³ overcut volume at 15/11/15 from 2005-2007. Assuming 5 yrs. x 30,414 m ³ /yr. secondary coniferous at 15/11/15 cm + conifer reconciliation volume of 8,093 secondary volume from 2005-2007.
E02 CTPP	CTP	E02	May 1, 2001 - April 30, 2007	-5,488	0	0	0	0	9,000	149,958	0	Assuming 6 yrs. x 1,500 m ³ secondary deciduous at 15/10/30 cm (4 yrs. x 37,500 m ³ primary conifer at 15/11/30 cm) + (1 yr. x 2,860 m ³ primary conifer at 15/11/30 cm) + (1 yr. x 2,586 m ³ primary conifer at 15/11/30) - 5488 m ³ primary coniferous overcut at 15/11/30 from 1997-2002.
E02 CTPP	CTP	E02	May 1, 2007 - April 30, 2012	5,072	0	0	0	0	7,500	18,002	0	Assuming (5 yrs x 1,500 m ³ secondary deciduous at 15/10/15 cm) + (5 yrs x 2,586 m ³ primary coniferous at 15/11/15 cm) + 5072 m ³ primary coniferous at 15/11/15 cm reconciliation volume from 2001-2007.
Weyerhaeuser Company Ltd.	FMA9700035	W05	July 1, 2002 to June 30, 2007	0	0.000	28,051	0	118,767	0	0	0	Assuming 3,8329 yrs. x 16,386 m ³ /yr. primary deciduous at 15/10/30 cm + (1,1671 yrs. x 23,914 m ³ /yr. primary deciduous at 15/10/15 cm) + 28,051 m ³ at 15/10/15 cm reconciliation volume from 2002-2007.
Weyerhaeuser Company Ltd.	FMA9700035	W05	July 1, 2007 to June 30, 2012	0	0	-16,661	0	102,909	0	0	0	Assuming 5 yrs. x 23,914 m ³ /yr. primary deciduous at 15/10/15 cm - 16,661 m ³ at 15/10/15 overcut from 2002-2007.
Weyerhaeuser Company Ltd.	DTAE910001	W05	May 1, 2002 to April 30, 2007	0	0	0	0	35,709	0	0	0	Assuming 4 yrs. x 6,379 m ³ /yr. primary deciduous at 15/10/30 cm + 1 yr. x 10,193 m ³ /yr. primary deciduous at 15/10/15 cm. DTA issued for deciduous AAC found within grazing leases within FMU W05. DTA was cancelled April 30, 2007 and re-issued as DTAW050001.
Weyerhaeuser Company Ltd.	DTAW050003	W05	May 1, 2007 to April 30, 2012	0	0	0	0	50,965	0	0	0	Assuming 5 yrs. x 10,193 m ³ /yr. primary deciduous at 15/10/15 cm. DTA was issued for the deciduous AAC found within grazing leases with the FMU W05.
W05 CTPP	CTP	W05	May 1, 2001 to April 30, 2007	29,875	0	0	0	24,000	11,324	137,056	7,878	Assuming 5 yrs. x 4,000 m ³ primary deciduous at 15/10/30 + 1 year x 4000 m ³ primary at 15/10/15 + 5 yrs. (17,013 m ³ /yr. primary coniferous at 15/11/30 cm + 1 yr. x 22,116 m ³ /yr. primary coniferous at 15/11/15 cm) + 29,875 m ³ primary coniferous at 15/11/30 reconciliation volume from 1996-2001. Assuming 1 yr. x 11,324 m ³ /yr. secondary deciduous at 15/10/15 cm (1 yr. x 7,878 m ³ /yr. secondary coniferous at 15/11/15 cm).
W05 CTPP	CTP	W05	May 1, 2007 to April 30, 2012	14,585	7,878	0	0	20,000	56,620	120,174	47,268	Assuming 5 yrs x 4,000 m ³ /yr. primary deciduous at 15/10/15 cm + 5 yrs x 22,116 m ³ /yr. primary coniferous at 15/11/15 cm + 14,585 m ³ of primary conifer reconciliation volume from 2001-07. Assuming 5 x 11,324 m ³ secondary deciduous at 15/10/15 and 5 x 7,878 m ³ secondary coniferous at 15/11/15 + 7,878 m ³ secondary coniferous at 15/11/15 reconciliation volume from 2001-2007.
Weyerhaeuser Company Ltd.	FMA9700035	W06	July 1, 2002 to June 30, 2007	798	0	164,801	0	631,331	50,195	195,491	30,334	Assuming 3,8329 yrs. x 96,909 m ³ /yr. primary deciduous at 15/10/30 cm (41,289 m ³ /yr. primary coniferous at 15/11/30 cm) + 1,1671 yrs. x 81,473 m ³ /yr. primary deciduous at 15/10/15 cm (1,1671 yrs. x 31,220 m ³ /yr. primary coniferous at 15/11/15 cm) + 164,801 m ³ primary deciduous at 15/10/30 cm (798 m ³ primary coniferous at 15/11/30 cm) reconciliation volume for 1997-2002. Assuming 1,1671 yrs. x 43,008 m ³ /yr. secondary deciduous at 15/10/15 cm (1,1671 yrs. x 25,991 m ³ /yr. secondary coniferous at 15/11/15 cm).
Weyerhaeuser Company Ltd.	FMA9700035	W06	July 1, 2007 to June 30, 2012	-58,123	574	207,907	12,247	615,272	227,287	97,977	130,529	Assuming 5 yrs. x 81,473 m ³ /yr. primary deciduous at 15/10/15 cm (31,220 m ³ /yr. coniferous at 15/11/15 cm) + 207,907 m ³ primary deciduous at 15/10/15 cm (-58,123 m ³ coniferous at 15/11/15 cm) reconciliation volume for 2002-2007. Assume 5 year 43,008 m ³ /yr. secondary deciduous at 15/10/15 cm (25,991 m ³ /yr. secondary coniferous at 15/11/15 cm) + 12,247 m ³ secondary deciduous at 15/10/15 cm (574 m ³ secondary coniferous at 15/11/15 cm) reconciliation volume for 2002-2007.
Weyerhaeuser Company Ltd.	DTAE910001	W06	May 1, 2002 to April 30, 2007	0	0	0	0	8,640	0	0	0	Assuming 4 yr. x 2,160 m ³ /yr. primary deciduous at 15/10/30 + 1 yr. 2,416 m ³ /yr. primary deciduous at 15/10/15 cm. DTA issued for deciduous AAC found within grazing leases with the FMU W06. DTA was cancelled effective April 30, 2007 and rolled into DTAW060010.
Weyerhaeuser Company Ltd.	DTAW060010	W06	May 1, 2007 to April 30, 2012	0	0	0	0	12,080	2,735	0	0	Assuming 5 yrs. x 2,416 m ³ /yr. primary deciduous at 15/11/15 cm + 5 yrs. x 547 m ³ /yr. secondary deciduous at 15/10/15 cm. The DTA issued for deciduous AAC found within grazing leases with the FMU W06.
Weyerhaeuser Company Ltd.	CTQW060013	W06	May 1, 2007 to April 30, 2012	0	0	0	0	0	0	945	3,325	Assuming 5 yrs. x 189 m ³ /yr. primary coniferous at 15/11/15 + 5 yrs. x 665 m ³ /yr. incidental coniferous at 15/11/15. CTQ issued for coniferous AAC found within grazing leases with the FMU E01.
Millar Western Forest Products Ltd.	CTQW60002	W06	May 1, 2006 - April 30, 2011	1255*	0	0	0	0	0	5,767	0	Assuming 5 yrs. x 1,153 m ³ /yr. primary coniferous at 15/10/15 cm + 1,255* m ³ reconciliation volume from 2001-2006. *Carryover of 1,219 m ³ at 15/11 converted to 1,255 m ³ at 15/10 (2.99% difference). The quota holder has chosen not to harvest their coniferous AAC reconciliation volume.
Blue Ridge Lumber Inc.	CTQW060010	W06	May 1, 2006 - April 30, 2011	-5,491	0	0	0	0	0	145,459	0	Assuming 5 yr. at 30,190 m ³ /yr. primary coniferous at 15/11/15 cm - 5,491 m ³ overcut from 2001-2006.
ANC Timber Ltd.	CTQW060011	W06	May 1, 2006 - April 30, 2011	126,425	0	0	0	0	0	481,850	0	Assuming 5 yrs. (May 1, 2006 to April 30, 2011) at 71,085 m ³ coniferous at 15/10/15 cm utilization -7,532 m ³ overcut from 2001-2006 + 133,957 m ³ from CTP W060103 and CTQW060204 for period 1994-2002.
Cold Creek Timber Ltd.	CTQW0600012	W06	May 1, 2004 - April 30, 2009	13,393	0	0	0	0	0	63,393	0	Assuming 2 yrs. x 10,000 m ³ primary coniferous at 15/11/30 cm + 3 yrs. x 10,000 m ³ primary coniferous at 15/11/15 cm + 13,393 m ³ reconciliation volume at 15/11/15 from 2001-2004.
W06 CTPP	CTPP	W06	May 1, 2001 to April 30, 2007	24,439	0	26,631	0	0	132,177	163,951	0	Assuming 6 yrs. x 17,591 m ³ /yr. secondary deciduous at 15/10/30 cm (3 yrs. x 28,252 m ³ /yr. + 3 yrs. x 18,252 m ³ /yr. primary coniferous at 15/11/30 cm) + 26,631 m ³ secondary deciduous at 15/10/30 cm (24,439 m ³ primary coniferous at 15/11/30 cm) reconciliation volume for 2001-2007.
W06 CTPP	CTPP	W06	May 1, 2007 - April 30, 2012	31,405	0	17,463	0	0	105,418	122,665	0	Assuming 5 yrs. x 17,591 m ³ /yr. secondary deciduous at 15/10/15 cm (18,252 m ³ /yr. primary coniferous at 15/11/15 cm) + 17,463 m ³ secondary deciduous at 15/10/30 cm (31,405 m ³ primary coniferous at 15/11/30 cm) reconciliation volume from 2001-2007.