

File: 06307 F02 04
FMA 9700032

July 27, 2017

Mr. Richard Briand
Woodlands Manager
Edson Forest Products
West Fraser Mills Ltd.
99 West River Road
Hinton, Alberta T7V 1Y7

Dear Mr. Briand:

**Subject: APPROVAL- FOREST MANAGEMENT UNIT
R13 ANNUAL ALLOWABLE CUT ADJUSTMENTS**

I am providing a copy of the timber allocation and annual allowable cut (AAC) update tables for Forest Management Unit (FMU) R13. The coniferous and deciduous AACs have been adjusted from the September 17, 2009 approved AACs as indicated in the currently approved 2009 forest management plan for FMA 9700032.

The AACs are effective May 1, 2017.

Please contact Seena Handel, Forest Resource Management Lead, at (587) 985-0971 if you have any questions or require further information.

Yours truly,

Original Signed

Robert J. Popowich, RPF
Director, Forest Resource Management

Enclosures (11)

cc: Vicky Bosse, Director, Forest Tenure and Fibre Management, FTTP
Daryl Price, Director, Forest Resource Analysis, FMB
Doug Schultz, Director, Timber Production, Revenue and Auditing, FMB
Kevin Vander Haeghe, Forest Area Manager, Edson Forest Area
Seena Handel, Forest Resource Management Lead, FMB
Brent Dysart, Forest Resource Management Lead, FMB

Table 1. Historical Coniferous Allocations and Annual Allowable Cuts

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Disposition Allocation (%)	Coniferous AAC (m ³) 15+ / 11 / 15 cm	Total Approved AAC (m ³)
R13	West Fraser Mills Ltd.	FMA9700032	Single Combined	All-FMU	C, CD, DC, D		791,153	791,153
R13		Local Use	Single Combined	All-FMU	C, CD, DC, D		3,976	3,976
R13	FMA AAC Subtotal	FMA9700032	Single Combined	All-FMU	C, CD, DC, D		795,129	795,129
R13	Precision Forest Industries Ltd.	CTQR130001	Single Combined	All-FMU	C, CD, DC, D	0.4600%	3,872	3,872
R13	West Fraser Mills Ltd.	CTQR130002	Single Combined	All-FMU	C, CD, DC, D	1.9200%	16,160	16,160
R13	Tall Pine Timber Co. Ltd.	CTQR130003	Single Combined	All-FMU	C, CD, DC, D	0.1600%	1,347	1,347
R13	West Fraser Mills Ltd.	CTQR130004	Single Combined	All-FMU	C, CD, DC, D	1.7791%	14,974	14,974
R13	CTPP	CTPP	Single Combined	All-FMU	C, CD, DC, D		10,184	10,184
FMU R13 Total							841,666	841,666

Notes:

Effective date May 1, 2007 to April 30, 2017.

Local use as per FMA 9700032 section 8(2)c .

Community Timber Program Permits received 0.5% of FMU AAC as per the 2007 Sundance FMP Approval Decision dated March 18, 2008.

CTQR130004 receive 0.94% of FMU AAC + 7062 fixed volume as per Appendix B of FMA document.

Table 2. Approved Coniferous Allocations and Annual Allowable Cuts

Effective Date: May 1, 2017

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Disposition Allocation (%)	Coniferous AAC (m ³) 15+ / 11 / 15 cm	Total Approved AAC (m ³)
R13	West Fraser Mills Ltd.	FMA9700032	Single Combined	All-FMU	C, CD, DC, D		390,041	390,041
R13		Local Use	Single Combined	All-FMU	C, CD, DC, D		1,960	1,960
R13	FMA AAC Subtotal	FMA9700032	Single Combined	All-FMU	C, CD, DC, D		392,001	392,001
R13	Precision Forest Industries Ltd.	CTQR130001	Single Combined	All-FMU	C, CD, DC, D	0.4600%	1,926	1,926
R13	West Fraser Mills Ltd.	CTQR130002	Single Combined	All-FMU	C, CD, DC, D	1.9200%	8,039	8,039
R13	Tall Pine Timber Co. Ltd.	CTQR130003	Single Combined	All-FMU	C, CD, DC, D	0.1600%	670	670
R13	West Fraser Mills Ltd.	CTQR130004	Single Combined	All-FMU	C, CD, DC, D	2.7416%	10,998	10,998
R13	CTPP	CTPP	Single Combined	All-FMU	C, CD, DC, D		5,066	5,066
FMU R13 Total							418,700	418,700

Notes:

Forest Management Unit R13 coniferous annual allowable cut as stated in the Sundance 2007 Forest Management Plan dated April 27, 2007, Table 1 is reduced to the nearest one hundred from 418,763 m³ to 418,700 m³.

Since 2012, Sundance is West Fraser Mills Ltd. (Edson).

CTQR130004 - 10,998 m³/year derived as 0.9400% of the FMU AAC and 7,062 m³/year fixed volume.

Community Timber Program Permits as per FMA 9700032 section 8(2)(a).

Local use as per FMA 9700032 section 8(2)(c).

The approved landbase is defined as being 'single-combined' or otherwise known as having been 'dissolved', there are no separate or distinct primary or secondary AACs.

Table 3. Coniferous Periodic Allowable and Quadrant Authorized Allowable Cuts

3.1	R13	West Fraser Mills Ltd.		Disposition: FMA9700032					
		Period Start: 1-May-17		Period End: 30-Apr-22					
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Approved Harvest Level (m ³ /yr)	PAC Contribution (m ³)	Total PAC Contribution (m ³)	Notes	
		1-May-17	30-Apr-22	5.0000000000	392,001	1,960,005.0000	1,960,005.0000		
		Periodic Reconciliation Volume (m ³)		0	0				
		PAC Total		1,960,005	1,960,005				
3.2	R13	Precision Forest Industries Ltd.		Disposition: CTQR130001					
		Quadrant Start: 1-May-17		Quadrant End: 30-Apr-22					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Approved Harvest Level (m ³ /yr)	Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
		1-May-17	30-Apr-22	5.0000000000	1,926	9,630.0000	9,630.0000		
		Quadrant Reconciliation Volume (m ³)		0	0				
		QAAC Total		9,630	9,630				
3.3	R13	West Fraser Mills Ltd.		Disposition: CTQR130002					
		Quadrant Start: 1-May-17		Quadrant End: 30-Apr-22					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Approved Harvest Level (m ³ /yr)	Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
		1-May-17	30-Apr-22	5.0000000000	8,039	40,195.0000	40,195.0000		
		Quadrant Reconciliation Volume (m ³)		0	0				
		QAAC Total		40,195	40,195				
3.4	R13	Tall Pine Timber Co. Ltd.		Disposition: CTQR130003					
		Quadrant Start: 1-May-17		Quadrant End: 30-Apr-22					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Approved Harvest Level (m ³ /yr)	Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
		1-May-17	30-Apr-22	5.0000000000	670	3,350.0000	3,350.0000		
		Quadrant Reconciliation Volume (m ³)		0	0				
		QAAC Total		3,350	3,350				
3.5	R13	West Fraser Mills Ltd.		Disposition: CTQR130004					
		Quadrant Start: 1-May-17		Quadrant End: 30-Apr-22					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Approved Harvest Level (m ³ /yr)	Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
		1-May-17	30-Apr-22	5.0000000000	10,998	54,990.0000	54,990.0000	10,998 m ³ /yr derived as 0.9400% of FMU AAC and 7,062 m ³ /yr fixed volume.	
		Quadrant Reconciliation Volume (m ³)		0	0				
		QAAC Total		54,990	54,990				
3.6	R13	CTPP		Disposition: CTPP					
		Quadrant Start: 1-May-17		Quadrant End: 30-Apr-22					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Approved Harvest Level (m ³ /yr)	Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
		1-May-17	30-Apr-22	5.0000000000	5,066	25,330.0000	25,330.0000		
		Quadrant Reconciliation Volume (m ³)		0	0				
		QAAC Total		25,330	25,330				

Table 4. West Fraser Mills Ltd. (Edson) FMA Coniferous Chargeability

Effective Date: May 1, 2017

FMU	Company Name	Disposition Number	Coniferous Species Used in AAC	Species NOT Chargeable to AAC	Rights to Species NOT Chargeable to AAC	Structure Retention (%)	Structure Retention (%) Accounted for in AAC	Net Landbase Deletions and Deferrals	Net Landbase Deletions and Deferrals: Rights to Timber	Industrial Salvage Chargeability Strategy
All dispositions and FMUs (unless otherwise noted)			Fb, Pt, Sb, Sw	n/a	n/a	1.5	Structure retention is not accounted for in the AAC.	Deletions: Section 6.2 of the landbase document (pg. 59-61). Minimal amount of Sb is being sequence in short term. Noticeable portion of sequence is supported by Sb at end of first rotation. Figure 5.2, pg. 32 of the TSA document.	West Fraser Mills Ltd. (Edson)	All industrial salvage is AAC chargeable.

Table 5. West Fraser Mills Ltd. (Edson) FMA Coniferous Utilization

Effective Date: May 1, 2017

FMU	Company Name	Disposition Number	AAC Type	Cover Group / Species	Utilization used to determine Harvest Level in PFMS				Operational Utilization				
					Top Diameter (cm)	Stump Diameter (cm)	Minimum Length (m)	Stump Height (cm)	Top Diameter (cm)	Stump Diameter (cm)	Minimum Length (m)	Stump Height (cm)	Coniferous Harvest Level (m ³ /yr) based on Operational Utilization
All dispositions and FMUs (unless otherwise noted)			All	C, CD, DC, D	11	15	3.84	15	n/a	n/a	n/a	n/a	n/a

Notes:

Table 6. Historical Deciduous Allocations and Annual Allowable Cuts

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Deciduous AAC (m ³) 15+ / 10 / 15 cm	Total Approved AAC (m ³)
R13	West Fraser Mills Ltd.	FMA9700032	Single Combined	All-FMU	C, CD, DC, D	52,661	52,661
R13		Local Use	Single Combined	All-FMU	C, CD, DC, D	265	265
R13	FMA AAC Subtotal	FMA9700032	Single Combined	All-FMU	C, CD, DC, D	52,926	52,926
R13	CTPP	CTPP	Single Combined	All-FMU	C, CD, DC, D	7,115	7,115
FMU R13 Total						60,041	60,041

Notes:

Effective date May 1, 2007 to April 30, 2017.

Table 7. Approved Deciduous Allocations and Annual Allowable Cuts

Effective Date: May 1, 2017

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Deciduous AAC (m ³) 15+/10/15 cm	Total Approved AAC (m ³)
R13	West Fraser Mills Ltd.	FMA9700032	Single Combined	All-FMU	C, CD, DC, D	52,626	52,626
R13		Local Use	Single Combined	All-FMU	C, CD, DC, D	264	264
R13	FMA AAC Subtotal	FMA9700032	Single Combined	All-FMU	C, CD, DC, D	52,890	52,890
R13	CTPP	CTPP	Single Combined	All-FMU	C, CD, DC, D	7,110	7,110
FMU R13 Total						60,000	60,000

Notes:

Forest Management Unit R13 deciduous annual allowable cut as stated in the Sundance 2007 Forest Management Plan, dated April 27, 2007, Table1 is reduced to the nearest one hundred from 60,029 m³ to 60,000 m³.

Since 2012, Sundance is West Fraser Mills Ltd. (Edson).

Local use as per FMA 9700032 section 8(2)(c).

The approved landbase is defined as being 'single-combined' or otherwise known as having been 'dissolved', there are no separate or distinct primary or secondary AACs.

Table 8. Deciduous Periodic Allowable and Quadrant Authorized Allowable Cuts

8.1	R13	West Fraser Mills Ltd.	Disposition: FMA8700032				
	Period Start: 1-May-17		Period End: 30-Apr-22				
	Period Segment Start Date	Period Segment End Date	Years In Period Segment	Approved Harvest Level (m ³ /yr)	PAC Contribution (m ³)	Total PAC Contribution (m ³)	Notes
	1-May-17	30-Apr-22	5.0000000000	52,890	264,450.0000	264,450.0000	
Periodic Reconciliation Volume (m ³)					0	0	
PAC Total					264,450	264,450	
8.2	R13	CTPP	Disposition: CTPP				
	Quadrant Start 1-May-17		Quadrant End 30-Apr-22				
	Quadrant Segment Start Date	Quadrant Segment End Date	Years In Quadrant Segment	Approved Harvest Level (m ³ /yr)	Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes
	1-May-17	30-Apr-22	5.0000000000	7,110	35,550.0000	35,550.0000	
Quadrant Reconciliation Volume (m ³)					0	0	
QAAC Total					35,550	35,550	

Table 9. West Fraser Mills Ltd. (Edson) FMA Deciduous Chargeability
Effective Date: May 1, 2017

FMU	Company Name	Disposition Number	Deciduous Species Used in AAC	Species NOT Chargeable to AAC	Rights to Species NOT Chargeable to AAC	Structure Retention (%)	Structure Retention (%) Accounted for in AAC	Net Landbase Deletions and Deferrals	Net Landbase Deletions and Deferrals: Rights to Timber	Industrial Salvage Chargeability Strategy
All dispositions and FMUs (unless otherwise noted)			Aw, Bw, Pb	n/a	n/a	1.5	Structure retention is not accounted for in the AAC.	Landbase deletions: see section 6.2 of the Landbase document (pg. 59-61).	West Fraser Mills Ltd. (Edson)	All industrial salvage is AAC chargeable.

Table 10. West Fraser Mills Ltd. (Edson) FMA Deciduous Utilization

Effective Date: May 1, 2017

FMU	Company Name	Disposition Number	AAC Type	Cover Group / Species	Utilization used to determine Harvest Level in PFMS				Operational Utilization				
					Top Diameter (cm)	Stump Diameter (cm)	Minimum Length (m)	Stump Height (cm)	Top Diameter (cm)	Stump Diameter (cm)	Minimum Length (m)	Stump Height (cm)	Deciduous Harvest Level (m ³ /yr) based on Operational Utilization
All dispositions and FMUs (unless otherwise noted)			All	C, CD, DC, D	10	15	2.48	15	n/a	n/a	n/a	n/a	n/a

Notes:

Table 11. Fiber Transfer Agreements within the West Fraser Mills Ltd. (Edson) FMA Area

Source Company	Source Disposition Number	Transfer Type	Company Directed To	Species Group	Volume (m ³ /yr)	Comments
West Fraser Mills Ltd (Edson)	FMA970032	FMA	Weyerhaeuser Canada Limited	Coniferous	43,500	FMA clause 19(1)