

File: 06286 010

July 15, 2020

Mr. Dave Kamelchuk  
Management Forester, Woodlands  
Alberta Pacific Forest Industries  
P.O. Box 8000  
Boyle, AB T0A 0M0

Dear Mr. Kamelchuk:

**Subject: APPROVAL – FOREST MANAGEMENT UNIT S18 ANNUAL ALLOWABLE CUT  
ADJUSTMENTS DUE TO MANAGED STAND YIELD CURVES AND WILDFIRES**

Please find enclosed a copy of the updated timber allocation and annual allowable cut (AAC) tables for the Forest Management Unit S18. The coniferous and deciduous AACs have been adjusted from the approved AACs stated in the May 17, 2018 Forest Management Plan Approval Decision due to use of managed stand yield curves (Tables 1 and 5) and wildfire impacts (Tables 2 and 6).

The managed stand yield curve AACs were effective May 1, 2017 to April 30, 2019. The managed stand yield curve AACs were determined from reviewing the timber supply analysis (TSA) provided in the 'managed even flow' scenario submitted between April and June 2019. The department review of the 'managed even flow' TSA concluded that first 20 years of the scenario provided does fall within the Alberta Forest Management Planning Standard (AFMPS), Annex 1, Sections 5.6 iv and 5.8 and best meets the intent of our correspondence re: Agreement in Principle – Managed Stand Yield Curves for Forest Management Units L2 and S18 dated February 4, 2019.

The approved AACs in Tables 2 and 6 are effective May 1, 2019.

If there are further questions please contact Seena Handel, Forest Resource Management Lead at (587) 985-0971 or [seena.handel@gov.ab.ca](mailto:seena.handel@gov.ab.ca).

Yours truly,

*Original signed*

Robert J. Popowich  
Director, Forest Resource Management

Enclosures (9)

cc: Dave Cheyne, Alberta-Pacific Forest Industries  
Tracey Courser, West Fraser Mills – North Central Woodlands  
Mike Haire, Vanderwell Contractors (1971) Ltd.  
Derek Bakker, Forest Area Manager, Lac La Biche Forest Area  
Seena Handel, Forest Resource Management Lead, FSTB  
Daryl Price, Director Forest Resource Analysis, FSTB  
Chris Breen, Director, Forest Tenure and Fibre Management, FSTB  
Darren Fearon, Director, Timber Production, Revenue and Auditing, FSTB

**Table 1. Historical Coniferous Allocations and Annual Allowable Cuts**

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Primary Disposition Allocation (%)	Primary Coniferous AAC (m <sup>3</sup> ) 15/10/30 cm	Secondary Coniferous AAC (m <sup>3</sup> ) 15/10/30 cm	Total Approved AAC (m <sup>3</sup> )
S18	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D			52,272	52,272
S18		Local Use	Separate Distinct	FMA-Only	D			528	528
S18	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D			52,800	52,800
S18	Vanderwell Contractors (1971) Ltd.	CTQS180002	Separate Distinct	All-FMU	C, CD, DC	22.8500%	30,528		30,528
S18	West Fraser Mills Ltd.	CTQS180004	Separate Distinct	All-FMU	C, CD, DC	77.1500%	103,072		103,072
<b>FMU S18 Total</b>							<b>133,600</b>	<b>52,800</b>	<b>186,400</b>

Notes:

Effective date May 1, 2017

Total primary coniferous AAC is rounded down from 133,672 m<sup>3</sup>/year to 133,600 m<sup>3</sup>/year. This volume reflects the use of managed stand yield curves and has been updated from the primary coniferous AAC level approved May 1, 2018.

Secondary coniferous AAC unchanged from May 17, 2018 approved AACs.

Spatial harvest sequence associated with the AAC is the file named S18\_SHS\_P1\_P2\_upd, date stamped March 22, 2019.

Landbase Designations for 2015 FMP: FMUs area based on initial broad cover group assignments of D to deciduous and C/CD/DC to coniferous.

## Table 2. Approved Coniferous Allocations and Annual Allowable Cuts

Effective Date: May 1, 2019

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Primary Disposition Allocation (%)	Primary Coniferous AAC (m <sup>3</sup> ) 15/10/30 cm	Secondary Coniferous AAC (m <sup>3</sup> ) 15/10/30 cm	Total Approved AAC (m <sup>3</sup> )
S18	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D			43,263	43,263
S18		Local Use	Separate Distinct	FMA-Only	D			437	437
S18	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D			43,700	43,700
S18	Vanderwell Contractors (1971) Ltd.	CTQS180002	Separate Distinct	All-FMU	C, CD, DC	22.8500%	21,593		21,593
S18	West Fraser Mills Ltd.	CTQS180004	Separate Distinct	All-FMU	C, CD, DC	77.1500%	72,907		72,907
<b>FMU Total</b>							<b>94,500</b>	<b>43,700</b>	<b>138,200</b>

Notes:

Spatial harvest sequence associated with the AAC is the file named S18\_SHS\_P1\_P2\_upd, date stamped March 22, 2019.

The primary coniferous annual allowable cut in FMU S18 is reduced by 29.21% to account wildfires.

The calculated primary coniferous annual allowable cut is reduced to the nearest one hundred from 94,575 m<sup>3</sup>/year to 94,500 m<sup>3</sup>/year.

The secondary coniferous annual allowable cut in FMU S18 is reduced by 17.21% to account for wildfires.

The calculated secondary coniferous annual allowable cut is reduced to the nearest one hundred from 43,713 m<sup>3</sup>/year to 43,700 m<sup>3</sup>/year.

Landbase Designations for 2015 FMP: FMUs area based on initial broad cover group assignments of D to deciduous and C/CD/C to coniferous.

**Table 3. Alberta-Pacific Forest Industries Inc. FMA Coniferous Chargeability**

Effective Date: May 1, 2019

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
	Al-Pac and CTPP		All	None	None	5% for coniferous harvest openings	Structure retention has been accounted for in the AACs in the FMU	n/a	n/a	All industrial salvage is AAC chargeable.
	All other dispositions		All	None	None	3% for coniferous harvest openings	Structure retention has been accounted for in the AACs in the FMU	n/a	n/a	All industrial salvage is AAC chargeable.

**Table 4. Alberta-Pacific Forest Industries Inc. FMA Coniferous Utilization**

Effective Date: May 1, 2019

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 <sup>3</sup> /yr) based on Operational Utilization
All dispositions, FMUs and AAC types (unless otherwise noted)			All	C, CD, DC, D	10	15	3.66	30	n/a	n/a	n/a	n/a	n/a

**Table 5. Historical Deciduous Allocations and Annual Allowable Cuts**

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Primary Deciduous AAC (m <sup>3</sup> ) 15/10/30 cm	Secondary Deciduous AAC (m <sup>3</sup> ) 15/10/30 cm	Total Approved AAC (m <sup>3</sup> )
S18	Alberta-Pacific Forest Industries Inc.	FMA9100029	0	FMA-Only	C, CD, DC, D	214,731	38,412	253,143
S18		Local Use	0	FMA-Only	C, CD, DC, D	2,169	388	2,557
S18	FMA AAC Subtotal	FMA9100029	0	FMA-Only	C, CD, DC, D	216,900	38,800	255,700
<b>FMU S18 Total</b>						<b>216,900</b>	<b>38,800</b>	<b>255,700</b>

Notes:

Effective date May 1, 2017.

Primary deciduous AAC unchanged from May 17, 2018 approved AACs.

Secondary deciduous AAC rounded down from 38,887 m<sup>3</sup>/year to 38,800 m<sup>3</sup>/year.

Spatial harvest sequence associated with the AAC is the file named S18\_SHS\_P1\_P2\_upd, date stamped March 22, 2019.

Landbase Designations for 2015 FMP: FMUs area based on initial broad cover group assignments of D to deciduous and C/CD/C to coniferous.

## Table 6. Approved Deciduous Allocations and Annual Allowable Cuts

Effective Date: May 1, 2019

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Primary Deciduous AAC (m <sup>3</sup> ) 15/10/30 cm	Secondary Deciduous AAC (m <sup>3</sup> ) 15/10/30 cm	Total Approved AAC (m <sup>3</sup> )
S18	Alberta-Pacific Forest Industries Inc.	FMA9100029		FMA-Only	C, CD, DC, D	177,705	27,126	204,831
S18		Local Use		FMA-Only	C, CD, DC, D	1,795	274	2,069
S18	FMA AAC Subtotal	FMA9100029		FMA-Only	C, CD, DC, D	179,500	27,400	206,900
<b>FMU Total</b>						<b>179,500</b>	<b>27,400</b>	<b>206,900</b>

### Notes:

Spatial harvest sequence associated with the AAC is the file named S18\_SHS\_P1\_P2\_upd, date stamped March 22, 2019.

The primary deciduous annual allowable cut in FMU S18 is reduced by 17.21% to account for wildfires.

The calculated primary deciduous annual allowable cut is reduced to the nearest one hundred from 179,572 m<sup>3</sup>/year to 179,500 m<sup>3</sup>/year.

The secondary deciduous annual allowable cut in FMU S18 is reduced by 29.21% to account for wildfires.

The calculated primary coniferous annual allowable cut is reduced to the nearest one hundred from 27,467 m<sup>3</sup>/year to 27,400 m<sup>3</sup>/year.

Landbase Designations for 2015 FMP: FMUs area based on initial broad cover group assignments of D to deciduous and C/CD/C to coniferous.

**Table 7. Alberta-Pacific Forest Industries Inc. FMA Deciduous Chargeability**

Effective Date: May 1, 2019

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)	All	None	None	5% for deciduous harvest openings	Structure retention has been accounted for in the AACs for all the FMUs	n/a	n/a	All industrial salvage is AAC chargeable.



**Table 8. Alberta-Pacific Forest Industries Inc. FMA Deciduous Utilization**

Effective Date: May 1, 2019

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 <sup>3</sup> /yr) based on Operational Utilization
All dispositions, FMUs And AAC Types (unless otherwise noted)			All	C, CD, DC, D	10	15	3.66	30	n/a	n/a	n/a	n/a	n/a

**Table 9. Fiber Transfer Agreements within the Alberta-Pacific Forest Industries Inc. FMA Area**

Source Company	Source Disposition Number	Transfer Type	Company Directed To	Species Group	Volume (m <sup>3</sup> /yr)	Comments
n/a	n/a	n/a	n/a	n/a	n/a	n/a