



October 2, 2012

Mr. Dave Cheyne, RPF  
Management Forester  
Alpac Forest Products Incorporated  
P.O. Box 8000  
Boyle, Alberta T0A 0M0

Dear Mr. Cheyne:

**Subject: APPROVAL - ALPAC FOREST PRODUCTS INCORPORATED FOREST  
MANAGEMENT UNIT S14 ANNUAL ALLOWABLE CUT TABLES UPDATE**

The coniferous and deciduous secondary annual allowable cuts (AAC) for Forest Management Unit (FMU) S14 have been updated.

Effective beginning September 1, 2011:

Company	Tenure	Current Deciduous AAC (m <sup>3</sup> )		Updated Deciduous AAC (m <sup>3</sup> )	
		Primary	Secondary	Primary	Secondary
Alpac Forest Products Incorporated	FMA9100029	136,620	38,610	136,620	15,778

Company	Tenure	Current Coniferous AAC (m <sup>3</sup> )		Updated Coniferous AAC (m <sup>3</sup> )	
		Primary	Secondary	Primary	Secondary
Seehta Forest Products Ltd.	CTQS140004	77,903	N/A	77,903	35,221

Please contact Robert W. Stokes, Senior Manager, Forest Planning Section at (780) 422-2690 for further information.

Sincerely,

Original signed

Darren Tapp, MBA, MF, RPF  
Executive Director

Attachments (11)

c: Andrew Gesner, Forestry Program Manager, Lac La Biche Area  
Iain Johnston, Forestry Program Manager, Lesser Slave Area

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

<b>FMU</b>	<b>Company Name</b>	<b>Disposition Number</b>	<b>Landbase Management Type</b>	<b>Source</b>	<b>Cover Group / Species</b>	<b>Primary Disposition Allocation (%)</b>	<b>Primary Coniferous AAC (m<sup>3</sup>) 15+/11/30 cm</b>	<b>Total Approved AAC (m<sup>3</sup>)</b>
S14	Seehta Forest Products Ltd.	CTQS140004	Separate Distinct	All-FMU	C, CD, DC	100.0000%	77,903	77,903
<b>FMU S14 Total</b>							<b>77,903</b>	<b>77,903</b>

Notes:

Effective date: September 1, 2011

Historically there has not been a calculated secondary coniferous annual allowable cut.

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

Effective Date: September 1, 2011

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Primary Disposition Allocation (%)	Primary Coniferous AAC (m <sup>3</sup> ) 15+/11/30 cm	Secondary Disposition Allocations (%)	Secondary Coniferous AAC (m <sup>3</sup> ) 15+/11/30 cm	Total Approved AAC (m <sup>3</sup> )
S14	Seehta Forest Products Ltd.	CTQS140004	Separate Distinct	All-FMU	C, CD, DC, D	100.0000%	77,903	100.0000%	35,221	113,124
S14	FMA AAC Subtotal									
<b>FMU S14 Total</b>							<b>77,903</b>		<b>35,221</b>	<b>113,124</b>

Notes:

August 17, 2012 Alpac Forest Products Incorporated FMU S14 Timber Supply Analysis identified a secondary coniferous annual allowable cut of 35,221 m<sup>3</sup>.

**Table 3. Coniferous Periodic Allowable and Quadrant Authorized Allowable Cuts**

3.1	S14	Seehta Forest Products Ltd.	Disposition: CTQS140004							
		Quadrant Start	1-May-11	Quadrant End	30-Apr-16					
		<b>Quadrant Segment Start Date</b>	<b>Quadrant Segment End Date</b>	<b>Years in Quadrant Segment</b>	<b>Primary Approved Harvest Level (m<sup>3</sup>/yr)</b>	<b>Secondary Approved Harvest Level (m<sup>3</sup>/yr)</b>	<b>Primary Quadrant Contribution (m<sup>3</sup>)</b>	<b>Secondary Quadrant Contribution (m<sup>3</sup>)</b>	<b>Total Quadrant Contribution (m<sup>3</sup>)</b>	<b>Notes</b>
1		1-May-11	31-Aug-11	0.3369863014	77,903	0	26,252.2438	0.0000	26,252.2438	
2		01-Sep-11	30-Apr-16	4.6630136986	77,903	35,221	363,262.7562	164,236.0055	527,498.7617	
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>389,515</b>	<b>164,236</b>	<b>553,751</b>	

**Table 4. Alpac Forest Products Incorporated FMA Coniferous Chargeability**

Effective Date: September 1, 2011

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	None	None	<u>Averages within the FMU</u> <b>Alpac:</b> 5% for coniferous and deciduous harvest openings. <b>Quota Holder/MTU:</b> < 24 ha = no specific target. 24-100 ha = 1% coniferous and 5% deciduous. > 100 ha = 5% coniferous and 5% deciduous.	Coniferous structure retention was not accounted for in the AAC.	N/A	N/A	All industrial salvage is AAC chargeable.

**Table 5. Alpac Forest Products Incorporated FMA Coniferous Utilization**  
**Effective Date: September 1, 2011**

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	11	15	3.66	30	N/A	N/A	N/A	N/A	N/A

**Table 6. 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> )
S14	<i>Alpac Forest Products Incorporated</i>	<i>FMA9100029</i>	<i>Separate Distinct</i>	<i>FMA-Only</i>	<i>C, CD, DC, D</i>	135,254	38,224	173,478
S14		<i>Local Use</i>	<i>Separate Distinct</i>	<i>FMA-Only</i>	<i>C, CD, DC, D</i>	1,366	386	1,752
S14	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	136,620	38,610	175,230
<b>FMU S14 Total</b>						<b>136,620</b>	<b>38,610</b>	<b>175,230</b>

Notes:

Effective date: September 1, 2011

Local use is 1% per FMA9100029 Section 8(2)(c).

**Table 7. Approved Deciduous Allocations and Annual Allowable Cuts**

Effective Date: September 1, 2011

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> )
S14	<i>Alpac Forest Products Incorporated</i>	<i>FMA9100029</i>	<i>Separate Distinct</i>	<i>FMA-Only</i>	<i>C, CD, DC, D</i>	<i>135,254</i>	<i>15,620</i>	<i>150,874</i>
S14		<i>Local Use</i>	<i>Separate Distinct</i>	<i>FMA-Only</i>	<i>C, CD, DC, D</i>	<i>1,366</i>	<i>158</i>	<i>1,524</i>
S14	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	136,620	15,778	152,398
<b>FMU S14 Total</b>						<b>136,620</b>	<b>15,778</b>	<b>152,398</b>

Notes:

Local use is 1% per FMA9100029 Section 8(2)(c).

The secondary deciduous annual allowable cut decreased to 15,778 m<sup>3</sup> from 38,610 m<sup>3</sup> due to new yield curves, net landbase and spatial harvest sequence used in the August 17, 2012 analysis completed by Alpac.

**Table 8. Deciduous Periodic Allowable and Quadrant Authorized Allowable Cuts**

8.1	<b>S14</b>	<b>Alpac Forest Products Incorporated</b>	<b>Disposition: FMA9100029</b>						
	<b>Period Start: 1-Sep-11</b>		<b>Period End: 30-Apr-16</b>						
	<b>Period Segment Start Date</b>	<b>Period Segment End Date</b>	<b>Years in Period Segment</b>	<b>Primary Approved Harvest Level (m<sup>3</sup>/yr)</b>	<b>Secondary Approved Harvest Level (m<sup>3</sup>/yr)</b>	<b>Primary PAC Contribution (m<sup>3</sup>)</b>	<b>Secondary PAC Contribution (m<sup>3</sup>)</b>	<b>Total PAC Contribution (m<sup>3</sup>)</b>	<b>Notes</b>
1	1-Sep-11	30-Apr-16	4.6630136986	136,620	15,778	637,060.9315	73,573.0301	710,633.9616	
	Periodic Reconciliation Volume (m <sup>3</sup> )					0	0	0	
	<b>PAC Total</b>					<b>637,061</b>	<b>73,573</b>	<b>710,634</b>	

**Table 9. Alpac Forest Products Incorporated FMA Deciduous Chargeability**  
**Effective Date: September 1, 2011**

FMU	Company Name	Disposition Number	Deciduous Species Used in AAC	Species NOT Chargeable to AAC	Rights to Species NOT Chargeable to AAC	Structure Retention (%)	Net Landbase Deletions and Deferrals	Net Landbase Deletions and Deferrals: Rights to Timber	Industrial Salvage Chargeability Strategy
S14	Alpac Forest Products Incorporated	FMA9100029	All	None	None	Average within the FMU 5% for coniferous and deciduous harvest openings	N/A	N/A	All Industrial Salvage is AAC chargeable.

**Table 10. Alpac Forest Products Incorporated FMA Deciduous Utilization**  
 Effective Date: September 1, 2011

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
S14	Alpac Forest Products Incorporated	FMA9100029	All	C, CD, DC, D	10	15	3.66	30	N/A	N/A	N/A	N/A	N/A

**Table 11. Fiber Transfer Agreements within the Alpac Forest Products Incorporated FMA Area**

Source Company	Source Dispositon 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

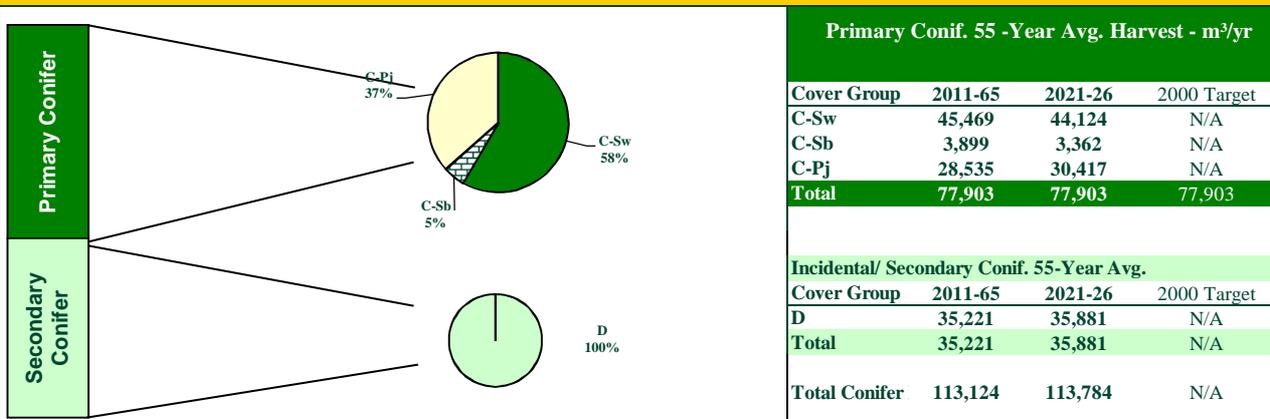
# The Alberta-Pacific FMA Area 2011 Timber Supply Analysis

## FMU S14 - ASRD APPROVED AAC



Summary Category	Coniferous	Deciduous	Total
<b>ASRD Approved AAC</b>			
Net Harvestable Landbase (ha)	-	-	-
Initial LRSY (m³/yr)	-	-	-
Pachworks™ Spatial Primary AAC (m³/yr)	79,493	150,132	-
Stanley Spatial Primary AAC (m³/yr)	-	-	-
Stand Retention Deduction	0%	5%	-
Cull Deduction	2%	4%	-
<b>2011 Updates</b>			
Net Harvestable Landbase (ha)	-	-	156,716
Approved Primary AAC : 55-Year Average (m³/yr)	77,903	136,620	214,523

### Coniferous Harvest Summary by Cover Type: 55-Year Average



### Deciduous Harvest Summary by Cover Type: 55-Year Average

