

Table 1. Historical Coniferous Allocations and Annual Allowable Cuts

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Volume Supply Area	Cover Group / Species	Primary Disposition Allocation (%)	Primary Coniferous AAC (m ³) 15+/11/30 cm	Total Approved AAC (m ³)
S19	Lakeshore Timber Company Ltd.	CTQS190001	Separate Distinct	FMA-Only	VSA 2	C, CD, DC	10.8137%	8,596	8,596
S19	Smoky River Loggers Ltd.	CTQS190002	Separate Distinct	FMA-Only	VSA 2	C, CD, DC	8.1065%	6,445	6,445
S19	West Fraser Mills Ltd.	CTQS190003	Separate Distinct	All-FMU	VSA 1	C, CD, DC	74.1270%	58,925	58,925
S19	CTPP	CTPP	Separate Distinct	FMA-Only	VSA 2	C, CD, DC		5,526	5,526
FMU S19 Total								79,492	79,492

Notes:

Effective date: May 1, 2010

Per the 2005 Tolko Industries Ltd. (High Prairie) Forest Management Plan.

1. West Fraser Mills Ltd. AAC is sourced entirely from within VSA 1, further identified as the Utikuma and Whitefish Operating Areas.
2. Smoky River Loggers Ltd. AAC is sourced from within that portion of VSA 2, further identified as the Whitemud Operating Area.
3. Lakeshore Timber Company Ltd. AAC is sourced from within that portion of VSA 2, further identified as the Salt Operating Area.

Table 2. Approved Coniferous Allocations and Annual Allowable Cuts

Effective Date: May 1, 2011

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Volume Supply Area	Cover Group / Species	Primary Disposition Allocation (%)	Primary Coniferous AAC (m ³) 15+/11/30 cm	Total Approved AAC (m ³)
S19	Lakeshore Timber Company Ltd.	CTQS190001	Separate Distinct	FMA-Only	VSA 2	C, CD, DC	13.5585%	8,596	8,596
S19	Smoky River Loggers Ltd.	CTQS190002	Separate Distinct	FMA-Only	VSA 2	C, CD, DC	10.1657%	6,445	6,445
S19	West Fraser Mills Ltd.	CTQS190003	Separate Distinct	All-FMU	VSA 1	C, CD, DC	67.5597%	42,833	42,833
S19	CTPP	CTPP	Separate Distinct	FMA-Only	VSA 2	C, CD, DC	8.7161%	5,526	5,526
FMU S19 Total								63,400	63,400

Notes:

2011 net landbase reduction due to wildfire is 27.31%, which affected VSA 1 only. West Fraser Mills Ltd. (Slave Lake) CTQ percentage allocation decreased to 67.5597% from 74.1270% and the annual allowable cut (AAC) has been reduced to 42,833 m³ from 58,925 m³.

VSA 2 percentage allocations increase due to recalculating the FMU S19 allocation percentage distribution following the wildfire net landbase reduction in VSA 1.

Table 3. Coniferous Periodic Allowable and Quadrant Authorized Allowable Cuts

3.1	S19	Lakeshore Timber Company Ltd.	Disposition: CTQS190001					
	Quadrant Start		1-May-09	Quadrant End		30-Apr-14		
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m ³ /yr)	Primary Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
	1	1-May-09	30-Apr-10	1.0000000000	23,180	23,180.0000	23,180.0000	
	2	01-May-10	30-Apr-14	4.0000000000	8,596	34,384.0000	34,384.0000	
Quadrant Reconciliation Volume (m ³)					0	0		
QAAC Total					57,564	57,564		
3.2	S19	Smoky River Loggers Ltd.	Disposition: CTQS190002					
	Quadrant Start		1-May-09	Quadrant End		30-Apr-14		
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m ³ /yr)	Primary Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
	1	1-May-09	30-Apr-10	1.0000000000	19,706	19,706.0000	19,706.0000	
	2	01-May-10	30-Apr-14	4.0000000000	6,445	25,780.0000	25,780.0000	
Quadrant Reconciliation Volume (m ³)					0	0		
QAAC Total					45,486	45,486		
3.3	S19	West Fraser Mills Ltd.	Disposition: CTQS190003					
	Quadrant Start		1-May-09	Quadrant End		30-Apr-14		
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m ³ /yr)	Primary Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
	1	1-May-09	30-Apr-10	1.0000000000	107,236	107,236.0000	107,236.0000	
	2	01-May-10	30-Apr-11	1.0000000000	58,925	58,925.0000	58,925.0000	
3	01-May-11	30-Apr-14	3.0000000000	42,833	128,499.0000	128,499.0000	Volume is reduced by 27.31% due to 2011 wildfires within VSA 1.	
Quadrant Reconciliation Volume (m ³)					0	0		
QAAC Total					294,660	294,660		
3.4	S19	CTPP	Disposition: CTPP					
	Quadrant Start		1-May-09	Quadrant End		30-Apr-14		
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m ³ /yr)	Primary Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes	
	1	1-May-09	30-Apr-10	1.0000000000	16,909	16,909.0000	16,909.0000	
	2	01-May-10	30-Apr-14	4.0000000000	5,526	22,104.0000	22,104.0000	May 3, 2011 approval decision referenced an inaccurate volume of 5,527 m ³ .
Quadrant Reconciliation Volume (m ³)					0	0		
QAAC Total					39,013	39,013		

Table 4. Tolko Industries Ltd. (High Prairie) FMA Coniferous Chargeability

Effective Date: May 1, 2011

FMU	Company Name	Disposition Number	Cover Group Used in AAC	Cover Group NOT Chargeable to AAC	Rights to Secondary Coniferous Species	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
S19	Lakeshore Timber Company Ltd.	CTQS190001	C, CD, DC	D	100% of Secondary Coniferous within VSA 2 (Salt Operating Area).	3	Structure Retention is AAC Chargeable. Minimum 1% with an average of 3%.	Net Landbase Determination. Table 3-4, Page 3-18 Landbase Summary: Entire FMA.	Deletions and Deferrals do not contribute to the AAC.	All Industrial Salvage is AAC Chargeable.
S19	Smoky River Loggers Ltd.	CTQS190002	C, CD, DC	D	50% of Secondary Coniferous within VSA 2 (Whitemud/Birch Operating Areas).	3	Structure Retention is AAC Chargeable. Minimum 1% with an average of 3%.	Net Landbase Determination. Table 3-4, Page 3-18 Landbase Summary: Entire FMA.	Deletions and Deferrals do not contribute to the AAC.	All Industrial Salvage is AAC Chargeable.
S19	West Fraser Mills Ltd.	CTQS190003	C, CD, DC	D	100% of Secondary Coniferous within VSA 1.	3	Structure Retention is AAC Chargeable. Minimum 1% with an average of 3%.	Net Landbase Determination. Table 3-4, Page 3-18 Landbase Summary: Entire FMA.	Deletions and Deferrals do not contribute to the AAC.	All Industrial Salvage is AAC Chargeable.
S19	CTPP	CTPP	C, CD, DC	D	N/A	3	Structure Retention is AAC Chargeable. Minimum 1% with an average of 3%.	Net Landbase Determination. Table 3-4, Page 3-18 Landbase Summary: Entire FMA.	Deletions and Deferrals do not contribute to the AAC.	All Industrial Salvage is AAC Chargeable.

Table 5. Tolko Industries Ltd. (High Prairie) FMA Coniferous Utilization
Effective Date: May 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 ³ /yr) based on Operational Utilization
All dispositions, FMUs and AAC types (unless otherwise noted)			All	C, CD, DC	11	15	2.44	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	Volume Supply Area	Cover Group / Species	Primary Deciduous AAC (m ³) 15+/10/30 cm	Total Approved AAC (m ³)
S19	<i>Tolko Industries Ltd.</i>	<i>FMA9700033</i>	<i>Separate Distinct</i>	<i>FMA-Only</i>	<i>VSA 1, VSA 2</i>	<i>C, CD, DC, D</i>	<i>407,750</i>	<i>407,750</i>
S19		<i>Local Use</i>	<i>Separate Distinct</i>	<i>FMA-Only</i>	<i>VSA 1, VSA 2</i>	<i>C, CD, DC, D</i>	<i>2,000</i>	<i>2,000</i>
S19	FMA AAC Subtotal	FMA9700033	Separate Distinct	FMA-Only	VSA 1, VSA 2	C, CD, DC, D	409,750	409,750
S19	Tolko Industries Ltd. and 1108459 Alberta Ltd.	DTAS190001	Separate Distinct	Non-FMA	VSA 1	C, CD, DC, D	50,000	50,000
S19	Unallocated	Unallocated	Separate Distinct	Non-FMA	VSA 1	C, CD, DC, D	46,572	46,572
FMU S19 Total							506,322	506,322

Notes:

Effective date: May 1, 2010

Table 7. Approved Deciduous Allocations and Annual Allowable Cuts

Effective Date: May 1, 2011

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Volume Supply Area	Cover Group / Species	Primary Deciduous AAC (m ³) 15+/10/30 cm	Total Approved AAC (m ³)
S19	Tolko Industries Ltd.	FMA9700033	Separate Distinct	FMA-Only	VSA 1, VSA 2	C, CD, DC, D	363,210	363,210
S19		Local Use	Separate Distinct	FMA-Only	VSA 1, VSA 2	C, CD, DC, D	2,000	2,000
S19	FMA AAC Subtotal	FMA9700033	Separate Distinct	FMA-Only	VSA 1, VSA 2	C, CD, DC, D	365,210	365,210
S19	Tolko Industries Ltd. and 1108459 Alberta Ltd.	DTAS190001	Separate Distinct	Non-FMA	VSA 1	C, CD, DC, D	50,000	50,000
S19	Unallocated	Unallocated	Separate Distinct	Non-FMA	VSA 1	C, CD, DC, D	38,161	38,161
FMU S19 Total							453,371	453,371

Notes:

2011 net landbase reduction due to wildfire within VSA 1 - FMA portion is 10.87%.

2011 net landbase reduction due to wildfire within VSA 1 - non FMA portion (S19 outside FMA) is 18.06%.

Local use is fixed at 2,000 m³/year, as per FMA Section 8, 2(d).

DTAS190001 is fixed at 50,000 m³/year, as per the December 12, 1994 Memorandum of Understanding between Whitefish Lake First Nation and the Government of the Province of Alberta.

The AAC reductions have been applied proportionally to the FMA and Unallocated volumes.

Table 8. Deciduous Periodic Allowable and Quadrant Authorized Allowable Cuts

8.1	S19	Tolko Industries Ltd.	Disposition: FMA9700033				
		Period Start:	13-May-07	Period End:	12-May-12		
	Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m ³ /yr)	Primary PAC Contribution (m ³)	Total PAC Contribution (m ³)	Notes
1	13-May-07	30-Apr-11	3.9671232877	409,750	1,625,528.7671	1,625,528.7671	
2	01-May-11	12-May-12	1.0328767123	365,210	377,216.9041	377,216.9041	May 3, 2011 Approval Decision referenced an inaccurate quadrant of May 1, 2009 to April 30, 2014. Volume is reduced by 10.87% due to 2011 wildfires within the FMA portion of VSA 1.
Periodic Reconciliation Volume (m ³)					0	0	
PAC Total					2,002,746	2,002,746	
8.2	S19	Tolko Industries Ltd. and 1108459 Alberta Ltd.	Disposition: DTAS190001				
		Quadrant Start	1-May-09	Quadrant End	30-Apr-14		
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m ³ /yr)	Primary Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes
1	1-May-09	30-Apr-11	2.0000000000	50,000	100,000.0000	100,000.0000	
2	01-May-11	30-Apr-14	3.0000000000	50,000	150,000.0000	150,000.0000	
Quadrant Reconciliation Volume (m ³)					0	0	
QAAC Total					250,000	250,000	
8.3	S19	Unallocated	Disposition: Unallocated				
		Quadrant Start	1-May-09	Quadrant End	30-Apr-14		
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m ³ /yr)	Primary Quadrant Contribution (m ³)	Total Quadrant Contribution (m ³)	Notes
1	1-May-09	30-Apr-11	2.0000000000	46,572	93,144.0000	93,144.0000	
2	01-May-11	30-Apr-14	3.0000000000	38,161	114,483.0000	114,483.0000	Volume is reduced by 18.06% due to 2011 wildfires within the non FMA (S19 outside the FMA) portion of VSA 1.
Quadrant Reconciliation Volume (m ³)					0	0	
QAAC Total					207,627	207,627	

Table 9. Tolko Industries Ltd. (High Prairie) FMA Deciduous Chargeability
Effective Date: May 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 (%)	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	N/A	3	Structure Retention is AAC Chargeable. Minimum 1% with an average of 3%.	Net Landbase Determination. Table 3-4, Page 3-18 Landbase Summary: Entire FMA.	Deletions and Deferrals do not contribute to the AAC.	All Industrial Salvage is AAC Chargeable.

Table 10. Tolko Industries Ltd. (High Prairie) FMA Deciduous Utilization
Effective Date: May 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 ³ /yr) based on Operational Utilization
All dispositions, FMUs and AAC Types (unless otherwise noted)			All	C, CD, DC, D	10	15	2.44	30	N/A	N/A	N/A	N/A	N/A

Table 11. Fiber Transfer Agreements within the Tolko Industries Ltd. (High Prairie) FMA Area

Source Company	Source Dispositon Number	Transfer Type	Company Directed To	Species Group	Volume (m ³ /yr)	Comments
N/A	N/A	N/A	N/A	N/A	N/A	N/A