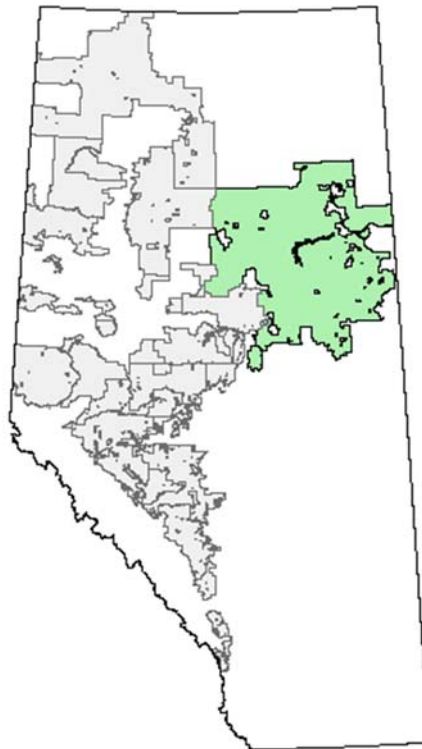


## Forest Management Plan Approval Decision

**Alberta-Pacific Forest Industries Inc.**

**Forest Management Agreement  
9100029**



**Date: May 17, 2018**

**Annual Allowable Cut  
Effective Date: May 1, 2017**

**Approved by: Original Signed by  
Darren Tapp, MBA, MF, RPF  
Executive Director,  
Forest Management Branch**

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## Introduction

This Forest Management Plan (FMP) is prepared to meet Forest Management General Provisions 10 (1) of the Alberta-Pacific Forest Industries Inc. (Al-Pac) Forest Management Agreement (FMA) signed September 1, 2011 and updated July 1, 2016. Acceptable FMPs are approved by the Executive Director, Forest Management Branch (FMB), Alberta Agriculture and Forestry (department). This Approval Decision presents the rationale and establishes Conditions of Approval for the FMP dated July 14, 2017 and FMA Area Timber Supply Appendix 3, Seral Stage Analysis dated November 2017.

Alberta's Land-use Framework (LUF) sets out an approach to managing the province's crown land and natural resources to achieve long-term economic, environmental and social goals. The Alberta Land Stewardship Act (ALSA) enables the LUF and establishes the legal basis for the development of regional plans. The LUF establishes seven land-use regions and calls for development of a regional plan for each.

The forest management direction under regional plans is delivered through existing legislation including the Forests Act and this FMP. The Al-Pac FMA area falls within the Upper Athabasca, Lower Athabasca, and Lower Peace LUF planning regions. The Lower Athabasca Regional Plan (LARP) was approved in 2012 and is undergoing revisions that may affect the approval conditions of Al-Pac's FMP. The Conditions herein are consistent with the terms of the FMA and failure by Al-Pac to fulfill the direction provided in this Approval Decision may place the company in default of its FMA. The Conditions contained herein are non-negotiable.

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.

## Forest Management Planning Area

The forest management planning area under consideration is FMA 9100029, allocated to Alberta-Pacific Forest Industries Inc. through legislative Order-in-Council (O.C. 310/2011) updated on July 1, 2016 (to reflect the name change of Alpac Forest Products Incorporated to Alberta-Pacific Forest Industries Inc.).

The FMA area is within 12 forest management units (FMU) A14, A15, L1, L2, L3, L8, L11, S11, S14, S18, S22, and S23 (FMU S14 was added with the signing of the new FMA in September 1 2011). The FMA area is located in northeastern Alberta and falls predominately within Central Mixedwood, Upper and Lower Boreal Highlands, and Athabasca Plain natural sub-regions.

## Background

The department approved last Al-Pac's FMP on January 16, 2006, effective date May 1, 2005. The 2015 FMP was prepared according to the *Alberta Forest Management Planning Standard (ver 4.1, 2006)*;

hereafter, FMPS) and replaces the previous plan and SHS and introduces new information used in planning, implementing and monitoring forestry operations on the FMA area.

The publication of this Approval Decision concludes the department's appraisal of Alberta-Pacific Forest Industries Inc. 2015 FMP.

## Approval Decision Scope

This Approval Decision addresses Al-Pac's 2015 FMP dated July 14, 2017. It supersedes previous FMPs, timber supply analyses, and completed approval conditions. All timber disposition holders within the FMA area shall conduct their activities in accordance with the approved FMP, this Approval Decision, and associated conditions.

Al-Pac shall meet the requirements of the FMP Approval Conditions unless the Executive Director, FMB, agrees to alternate requirements in writing.

In this document, **bolded text** identifies specific timelines, requirements, and the department senior manager accountable for the review. Non-bolded text presents the rationale for the condition and specific considerations to be addressed to meet the condition.

Al-Pac specific standard operating procedures are referenced in the FMP to provide practitioners with confidence that a process exists to address a concern or value. The FMP approval decision does not cover the content within those standard operating procedures, work instructions, and woodland operating guidelines.

In the event of an inconsistency between the FMP, the Approval Decision, company procedures, as indicated above, and existing, new or revised legislation or regulation, the legislation or regulation shall apply.

## Timber Supply Analysis

The department approves Al-Pac proposed tree length annual allowable cuts (AAC) for the 70-year spatial averages as documented in Section 7 of Alberta-Pacific FMA Area, 2015 Forest Management Plan, Timber Supply Analysis Annex 2015.

## Approved Annual Allowable Cuts

The Approved harvest levels and AACs\* m<sup>3</sup>/yr for May 1, 2017 – April 30, 2025 are:

FMU	Harvest Type	Deciduous Volume (m <sup>3</sup> /yr)			Coniferous Volume (m <sup>3</sup> /yr)			
		Primary	Secondary	Total	Primary	Secondary	Black Spruce	Total
L1	AAC	158,600	9,300	167,900	54,800	31,900	-	86,700
L2	AAC	127,300	17,000	144,300	69,400	25,400	-	94,800
L3	AAC	68,700	32,400	101,100	148,900	15,600	9,900	174,400
L8	AAC	57,500	5,100	62,600	24,900	10,300	-	35,200
L11*	AAC	287,300	17,800	305,100	106,900	62,900	-	169,800
A14	AAC	92,000	28,100	120,100	129,000	25,400	3,900	158,300
A15*	Outside SMA AAC	289,700	35,600	325,300	146,200	76,100	-	222,300
	Inside SMA LIQT	403,600	65,800	469,400	219,500	21,800	-	241,300
	Total	693,300	101,400	794,700	365,700	97,000	-	463,600
S23	AAC	90,600	6,400	97,000	23,600	17,700	-	41,300
S11	AAC	142,300	23,000	165,300	92,000	28,400	-	120,400
S18	AAC	216,900	28,800	245,700	124,100	52,800	-	176,900
S22	AAC	340,100	19,300	359,400	99,600	82,300	-	181,900
S14	AAC	147,100	20,300	167,400	83,500	34,400	-	117,900
<b>Grand Total</b>		<b>2,421,700</b>	<b>308,900</b>	<b>2,730,500</b>	<b>1,322,400</b>	<b>485,000</b>	<b>13,800</b>	<b>1,821,200</b>

Notes:

- \* All AACs are 70-year average harvest levels reduced to nearest 100's m<sup>3</sup>/yr
- \* L11 – Primary Deciduous adjusted for wildfire and un-accounted unused volume by 0.15%
- \* A15 Outside SMA AAC – Sustainable AAC in FMU area outside Surface Mineable Area (SMA)
- \* A15 Inside SMA LIQT – An estimated 20-year harvest of all merchantable growing stock in SMA; This volume is managed outside the periodic cut control considerations.

Refer to Tables 1 and 6 for the Historical Allocations, Tables 2, and 7 for the Approved AACs, and Tables 3 and 8 for the Quadrant Authorized Allowable Cuts and AAC distribution by operators.

The Department approves “divided” landbase that separates primary, secondary or incidental AACs.

## Approved Utilization

- Coniferous: 15/10/30 cm
- Deciduous: 15/10/30 cm

## **Authorization**

The FMP for Alberta-Pacific Forest Industries Inc. dated July 14, 2017 is approved subject to the Approval Conditions and harvest levels (Tables 2 and 7) presented in this Approval Decision.

This FMP replaces the 2005 Detailed FMP approved January 16, 2006 including any approved interim spatial harvest sequences.

The AACs are effective May 1, 2017. The AACs are predicated on companies harvesting the species profile in the proportions identified in the spatial harvest sequence (SHS), within the variance thresholds, and implementing the silviculture prescriptions and other activities as presented in the plan.

The SHS is effective May 1, 2017.

The next FMP is due by May 1, 2025.

## **Forest Management Plan Approval Conditions**

The Approval Conditions direct Al-Pac to engage in additional work after approval of the FMP. The department posts approved FMPs on its website to support public access to plans. Al-Pac remains obligated to make the approved FMP available to the public.

## Approval Decision Conditions

<b>Approval Condition</b>	<b>Page</b>	<b>Requirement</b>	<b>Approval Authority</b>	<b>Date</b>
1.1 i	6	Public Consultation	Forest Area Manager, Lac La Biche Forest Area	Ongoing
1.2 i	6	Indigenous Consultation	Forest Area Manager, Lac La Biche Forest Area	Ongoing
2.1 i-ii	6	FMP Integration with Regional Plans	Executive Director, Forest Management Branch	Ongoing
4.1 i-ix	7	Spatial Harvest Sequence	Director, Forest Resource Management and Forest Area Manager, Lac La Biche Forest Area	Ongoing
6.1 i	9	Growth and Yield	Director, Forest Resource Analysis	December 31, 2018
7.1 i	9	Surface Mineable Area (SMA) in FMU A15	Forest Area Managers, Fort McMurray and Lac La Biche Forest Areas	December 31, 2018
8.1 i	9	Old Forest Area Sensitivity Analysis	Director, Forest Resource Analysis	October 31, 2018
9.1 i	10	FMU S14 Sensitivity Analysis	Director, Forest Resource Analysis	October 31, 2018
10.1 i-ii	10	Compartment Delineation and Reporting	Director, Forest Resource Analysis	October 31, 2018
11.1 i	11	Seed Collection Plan	Director, Forest Health and Adaptation	October 31, 2018
12.1 i	11	Delivered Timber Volume Monitoring and Reporting Program	Director, Timber Production, Auditing and Revenue	October 31, 2018
13.1 i	11	Timber Harvest Planning and Operating Ground Rules	Director, Forest Resource Management	December 31, 2018
14.1 ii	12	Performance Monitoring and Reporting	Director, Forest Resource Management	November 1, 2020 and November 1, 2025
15.1 i	12	Future Forest Management Plans	Executive Director, Forest Management Branch	May 1, 2025

### 1.0 Public and Indigenous Consultation

Alberta delegates the responsibility for public and Indigenous consultation on proposed FMPs to the FMA holders through the FMA Order-in-Council and Alberta's Indigenous Consultation policies and guidelines.

Al-Pac' First Nations consultation has been deemed adequate and in alignment with Alberta's current policies. Al-Pac engaged in reasonable and ongoing public and stakeholder consultation, and addressed the issues raised to the extent possible given the limited scope of the FMP. Al-Pac is encouraged to maintain their efforts to conduct meaningful public and Indigenous consultation throughout the FMP implementation.

### ***Approval Condition 1.1 Public Consultation***

- i. Al-Pac shall keep written documentation of the issues and comments raised by the public during operational plan consultation, as well as responses and actions to address the concerns. This documentation shall be made available to the Government of Alberta (GoA) upon request.**

### ***Approval Condition 1.2 Indigenous Consultation***

- i. All tenure holders shall adhere to the provincial policies and guidelines for Indigenous Consultation.**

## **2.0 FMP Integration with Regional Plans**

The FMA area is located within the Upper Athabasca, Lower Athabasca, and Lower Peace LUF planning regions. Where strategic land use and integrated resource management plans are approved after an FMP has been approved, Alberta and Al-Pac shall discuss implementation of the strategic land use and integrated resource plan and Alberta may require the FMP to be amended.

Land-use and resource commitments made under Lower Athabasca Region Plan (LARP) are reflected in this FMP. However, following the approval of new regional plans or existing plan components (e.g., sub-regional plans, Environmental Management Frameworks) after this FMP has been approved, the FMP must be updated to reflect new direction.

### ***Approval Condition 2.1 FMP Integration with Regional Plans***

- i. Following its revisions, LARP may provide an updated land use and resource development direction related to woodland caribou range plans, implementation of the biodiversity management framework, any new special management zone considerations and sensitive wildlife species management strategies, including, but not limited to, trumpeter swans and arctic grayling. The GoA will initiate discussions with Al-Pac including a review and implementation schedule for incorporating approved changes in higher-level plans. The FMB Executive Director may require the Al-Pac FMP to be amended accordingly.**
- ii. The GoA is preparing range plans for woodland caribou in areas that overlaps Al-Pac's FMA area. When applicable plans are approved, Al-Pac shall review its FMP PFMS and approved SHS to demonstrate its alignment and compliance with all its requirements. Based on obtained results, the Executive Director, FMB, may require Al-Pac to amend its FMP.**



### **3.0 Forest Health**

The mountain pine beetle (MPB), spruce beetle, spruce budworm, disease infestations or spread of noxious weeds could pose a serious threat in the FMA area. The implementation of this FMP is not to control the current insect or disease outbreaks but rather direct harvest to the most susceptible stands to create a forest that is more resistant to such outbreaks by reducing the overall susceptibility of the future forests. Company ongoing and timely communication with local department staff is essential to access affected timber.

### **4.0 Spatial Harvest Sequence**

The mapped SHS is the most important output of the FMP as it provides the implementation strategy the tenure holders must follow to achieve the forecasted future forest conditions. While dependent on many factors, the future condition is largely influenced by projected harvest patterns, intensity and schedules. It presents spatially and temporally how the integration of environmental, economic, and social values will be achieved on the FMA area.

All tenure holders must remain committed to harvesting mixedwood stands to maintain the proposed coniferous and deciduous harvest levels throughout the planning horizon. Monitoring adherence to the SHS during FMP implementation will be done by all companies and the department.

#### ***Approval Condition 4.1 Spatial Harvest Sequence***

- i. All tenure holders shall confirm that lands are eligible for operational harvesting to proceed, specifically considering private, municipal or federal land ownership in operational plans.**
- ii. All tenure holders shall follow the approved (mapped) twenty-year SHS developed to meet this SHS approval condition.**
- iii. All tenure holders may modify the approved SHS by deleting and replacing stands from the contributing landbase provided that the following thresholds are met:**
  - a. The additions include no more than 20% of the total SHS area in each compartment per decade and yield strata.**
  - b. Harvesting does not exceed 100% of the total area within the approved SHS by compartment by decade and yield strata.**
  - c. All tenure holders shall not have more additions than combined area in deletions and deferrals. Preference shall be given to the second ten-year period for additions.**
- iv. Stands may be added from the non-contributing landbase subject to department approval.**

- v. **All tenure holders shall track the variance using additions and Strata Description Tables (SDT) according to the Interpretive Bulletin: Stewardship Reporting Requirements.**
- vi. **Should any tenure holder exceeds the thresholds described in (4.1.iii), the Forest Area Manager, Lac La Biche Forest Area, may require the completion of a Compartment Assessment and the Director, Forest Resource Management, may recommend the reduction of the approved AAC to reflect the impact of the variance.**
- vii. **Repeated deferral of any SHS stand is unacceptable; areas of known SHS stand deletions or deferrals cannot be substituted. All deferrals from the previous FMP shall be harvested within the approved FMP SHS period or marked as deletions and removed from contributing landbase in the next FMP.**
- viii. **The department requires the deviation from the approved SHS to be reported annually as per the Operating Ground Rules reporting requirements. The five-year Stewardship Report shall include an analysis of the deviation from the approved SHS, describe the impacts of the deviation on forecasts made in the FMP, and a review of the unharvested approved SHS for the period.**
- ix. **Generally, the department will not request a modification to the approved SHS unless required by a change in legislation, a policy approved by the Minister, or a deviation from acceptable SHS thresholds.**

## **5.0 Stand Level Structure Retention**

Pertinent to VOIT 10, the tenure holders shall continue with stand-level structure retention monitoring program. Structure retention in the riparian zones and proximal areas cannot be contributing toward the structure retention target. The structure retention deductions have been applied from the approved AACs and no further reduction is required. The structure retention shall be representative of the proposed harvest opening area.

### ***Approval Condition 5.1 Stand Level Structure Retention***

- i. **Al-Pac and CTP harvest areas shall contain on average five percent (5%) stand level structure retention and coniferous quota holders harvest areas shall contain on average three percent (3%) stand level structure retention at the FMU level.**
- ii. **All tenure holders shall follow the provincial stand level retention standard on structure retention when finalized. The operating ground rules shall be updated to reflect this standard. In the absence of a provincial stand level retention standard, all tenure holders shall follow the stand level structure retention objectives identified in the FMP.**

## 6.0 Growth and Yield

A credible and comprehensive Growth and Yield Program gathers key information for use in the next timber supply analysis and to monitor current FMP timber growth and yield assumptions

### ***Approval Condition 6.1 Growth and Yield***

- i. By December 31, 2018, Al-Pac shall finalize and submit an updated growth and yield program to the Director, Forest Resource Analysis for approval.**
- ii. Al-Pac shall implement the growth and yield program and meet commitments made in the growth and yield plan. Stewardship report shall provide an update on the progress of meeting the growth and yield commitments (Section 14.1 ii).**

## 7.0 Surface Mineable Area (SMA) in Forest Management Unit A15

Within the Alberta-Pacific FMA area, FMU A15, contains the Surface Mineable Area (SMA; previously referred to as MOSA – Mineable Oil Sands Area) an area that contains the greatest concentration of surface mineable oil sands in North America. The exploration and development of the SMA resources is a discrete landuse that nominally requires the complete removal / dislodging of the overburden (existing soils and boreal forest cover). The SMA plan is developed to provide a harvest volume estimate for the merchantable forest resources allocated to Alberta-Pacific and Northland Forest Products.

The timber salvage from FMU A15 SMA is projected to be completed over next 20 years. The timber management approach is designed to align with strategies consistent with energy sector infrastructure requirements. The SMA plan assumes that all the merchantable deciduous and coniferous timber will be successfully utilized by the forest companies. The Timber Harvest Planning and Operating Ground Rules shall incorporate SMA harvesting requirements.

### ***Approval Condition 7.1 SMA Harvesting Requirement Integration in OGRs***

- i. By December 31, 2018, in part of Approval Decision 13.1.i, Al-Pac, assisted by all tenure holders, and department shall finalize SMA harvesting requirement integration into the Timber Harvest Planning and Operating Ground Rules acceptable to the Forest Area Managers, Fort McMurray and Lac La Biche Forest Areas.**

## 8.0 Old Forest Area Sensitivity Analysis

Alberta FMPS VOITs define and require establishment of landscape level old forest seral stage targets for the contributing and non-contributing landbases. The department identified discrepancy between Al-Pac FMP seral stage definitions and those required by Alberta FMPS. Moreover, Al-Pac FMP TSA constraints were only set to gross landbase while seral stage targets were provided for both contributing and gross landbase projections. Al-Pac FMP projections indicate that the old forests, considered as the combined 120-179 and 180+ categories, on the contributing landbase could decline at the end of 200-year planning horizon in nine of the 12 FMUs.

The department is not requiring updates to the proposed 20-year SHS. However, the department is asking for sensitivity TSA to test, starting period 3, harvest level fluctuations associated with explicit seral stage targets. The outcomes of these runs should inform the next forest management plan.

***Approval Condition 8.1 Old Forest Area Sensitivity Analysis***

- i. By October 31, 2018, Al-Pac shall prepare a sensitivity TSA run for each FMU where stands over 120 years of age on the contributing landbase are no less than five percent (5%) of the area by FMP's four species groups. This analysis shall be acceptable to the Director, Forest Resource Analysis.**

**9.0 FMU S14 Sensitivity Analysis**

On December 21, 2016, the department approved Seehta's request to allocate their unused coniferous volume from CTQS140004 quota to Lubicon Lake Band (LLB). Under this agreement, a total of 296,515 m<sup>3</sup> of unused coniferous volume was assigned to LLB under a non-renewable 20 year permit. Due to the late nature of this request, this agreement is not reflected in the FMP TSA development process. The department needs to determine long-term AAC adjustments for the remaining coniferous operators in FMU S14.

***Approval Condition 9.1 FMU S14 Sensitivity Analysis***

- i. Al-Pac shall update its TSA model for FMU S14 to account for unused coniferous volume allocation to Lubicon Lake Band from May 1, 2016 to April 30, 2036. By October 31, 2018, Al-Pac shall prepare a sensitivity TSA run for FMU S14 as summarized in December 21, 2016 agreement. This shall be acceptable to the Director, Forest Resource Analysis.**

**10.0 Compartment Delineation for FMP Implementation Tracking and Stewardship Reporting**

Al-Pac FMP identifies two compartments for each FMU. The department requires quantification of risks associated with Al-Pac presented compartment design and FMP's preferred forest management strategy.

***Approval Condition 10.1 Compartment Delineation and Reporting***

- i. Unless otherwise agreed, Al-Pac shall split FMU compartments into smaller units using existing GIS line work. The resulting compartments should be 50,000 to 200,000 ha in size, contiguous and completely cover each FMU area. The smaller compartments should be created for the following FMUs: A14, A15, L3, L11, S18, and S22. This shall be submitted and acceptable to the Director, Forest Resource Analysis by October 31, 2018.**
- ii. By October 31, 2018, Al-Pac shall update Strata Description Tables (SDT) to reflect final compartment boundaries for all FMUs. The Department shall use updated SDT**

**for variance tracking in Forest Harvest Plans and Stewardship Reporting (as per Approval Condition 14.1).**

### **11.0 Seed Collection Plan**

The department identified seed zones and species within the FMA area with seed inventories that may be unable to meet future reforestation needs depicted in the proposed SHS. All tenure holders should provide the Stream 1 seed shortfalls by providing a seed collection plan or showing where Stream 2 seed inventories will be used instead.

#### ***Approval Condition 11.1 Seed Collection Plan***

- i. By October 31, 2018, all tenure holders shall submit an updated seed collection plan that supports reforestation obligations for the proposed SHS to the satisfaction of the Director, Forest Health and Adaptation.**

### **12.0 Delivered Timber Volume Monitoring and Reporting Program**

Delivered timber volumes must be monitored and reported to allow comparisons between forecasted and harvested volumes as per the FMP. Collection and analysis of this information will be used in conjunction with growth and yield data to adjust future yield forecasts.

#### ***Approval Condition 12.1 Delivered Timber Volume Monitoring and Reporting***

- i. By October 31, 2018, Al-Pac shall develop a program that compares delivered merchantable timber volumes to harvested area yield forecasts. Results shall be reported annually and summarized in the Stewardship Report (Approval Condition 14.1). This program must be acceptable to the Director, Timber Production, Auditing and Revenue.**

### **13.0 Timber Harvest Planning and Operating Ground Rules**

Tenure holders make a number of commitments and propose strategies for mitigating risks within the FMP. Upon completion of the negotiations, the OGRs shall be in line with the FMP. The relevant pieces of the standard operating procedures, work instructions and woodland operating guidelines referred in to in the FMP may be included into the applicable OGRs. The OGRs shall define how structure retention is determined to be "representative" of what was harvested.

#### ***Approval Condition 13.1 Timber Harvest Planning and Operating Ground Rules***

- i. By December 31, 2018, Al-Pac, assisted by all tenure holders, and department shall complete negotiations to update the OGRs acceptable to the Director, Forest Resource Management.**

## **14.0 Performance Monitoring and Reporting**

Five-year Stewardship Reports monitor the successful implementation of FMPs.

### ***Approval Condition 14.1 Performance Monitoring and Reporting***

- i. AI-Pac, assisted by all tenure holders, shall prepare five-year Stewardship Reports that documents the operational performance of each tenure holder activities implementing the FMP. All tenure holders shall cooperate in providing supporting information to the department for inclusion in the AI-Pac FMP stewardship reports. Where deviations from the planned outcomes exist, analyses shall discuss the reasons for the deviations and describe each tenure holder's corrective action, taken or proposed.**
  
- ii. By November 1, 2020, AI-Pac shall submit a Stewardship Report, covering the period from May 1, 2015 to April 30, 2020 and a second report, to cover the period from May 1, 2020 to April 30, 2025, due by November 1, 2025. These reports shall be acceptable to the Director, Forest Resource Management and follow the Alberta Forest Management Planning Standard Interpretive Bulletin: Stewardship Reporting Requirements of June 15, 2017.**

## **15.0 Future Forest Management Plans**

Pertinent to updated FMA Forest Management General Provisions 10 (1), AI-Pac shall prepare a subsequent FMP for department review by May 1, 2025.

### ***Approval Condition 15.1 Future Forest Management Plans***

- i. By May 1, 2025, AI-Pac shall submit a new FMP for department review that meets the FMPS unless otherwise approved by the Minister.**

**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> )	Additional Primary Disposition Allocation (%)	Additional Primary Coniferous AAC (m <sup>3</sup> )	Secondary Coniferous AAC (m <sup>3</sup> )	Total Approved AAC (m <sup>3</sup> )
							15+/11/30 cm		15+/11/30 cm	15+/11/30 cm	
A14	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	Old A1 - coniferous landbase - C, CD Old A1 - deciduous landbase - DC, D A14 excluding old A1 coniferous landbase - C, CD, DC A14 excluding old A1 deciduous landbase - D		57,904			33,966	91,870
A14		Local Use	Separate Distinct	FMA-Only	Old A1 - coniferous landbase - C, CD Old A1 - deciduous landbase - DC, D A14 excluding old A1 coniferous landbase - C, CD, DC A14 excluding old A1 deciduous landbase - D		585			343	928
A14	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	Old A1 - coniferous landbase - C, CD Old A1 - deciduous landbase - DC, D A14 excluding old A1 coniferous landbase - C, CD, DC A14 excluding old A1 deciduous landbase - D		58,489			34,309	92,798
A14	Northland Forest Products Ltd.	CTQA140005	Separate Distinct	All-FMU	Old A1 - coniferous landbase - C, CD Old A1 - deciduous landbase - DC, D A14 excluding old A1 coniferous landbase - C, CD, DC A14 excluding old A1 deciduous landbase - D	63.3297%	107,457	52.6700%	5,048		112,505
A14	CTPP	CTPP	Separate Distinct	All-FMU	Old A1 - coniferous landbase - C, CD Old A1 - deciduous landbase - DC, D A14 excluding old A1 coniferous landbase - C, CD, DC A14 excluding old A1 deciduous landbase - D		3,734				3,734
A14	Unallocated	Unallocated	Separate Distinct	All-FMU	Old A1 - coniferous landbase - C, CD Old A1 - deciduous landbase - DC, D A14 excluding old A1 coniferous landbase - C, CD, DC A14 excluding old A1 deciduous landbase - D				4,537		4,537
<b>FMU A14 Total</b>							<b>169,680</b>		<b>9,585</b>	<b>34,309</b>	<b>213,574</b>
A15	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		135,082			140,534	275,616
A15		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D		1,364			1,420	2,784
A15	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		136,446			141,954	278,400
A15	Northland Forest Products Ltd.	CTQA150001	Separate Distinct	All-FMU	C, CD, DC	53.1700%	204,593				204,593
A15	CTPP	CTPP	Separate Distinct	All-FMU	C, CD, DC		43,751				43,751
<b>FMU A15 Total</b>							<b>384,790</b>		<b>0</b>	<b>141,954</b>	<b>526,744</b>
L1	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D, DC					29,752	29,752
L1		Local Use	Separate Distinct	FMA-Only	D, DC					301	301
L1	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D, DC					30,053	30,053
L1	Northland Forest Products Ltd.	CTQL010005	Separate Distinct	All-FMU	C, CD	60.8017%	33,962				33,962
L1	Alberta Forest Industries Ltd.	CTQL010007	Separate Distinct	All-FMU	C, CD	12.8793%	7,194				7,194
L1	Ed Bobocel Lumber (1993) Ltd.	CTQL010009	Separate Distinct	All-FMU	C, CD	26.3190%	14,701				14,701
<b>FMU L1 Total</b>							<b>55,857</b>		<b>0</b>	<b>30,053</b>	<b>85,910</b>

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	Additional Primary Disposition Allocation (%)	Additional Primary Coniferous AAC (m <sup>3</sup> ) 15+/11/30 cm	Secondary Coniferous AAC (m <sup>3</sup> ) 15+/11/30 cm	Total Approved AAC (m <sup>3</sup> )
L2	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D					24,525	24,525
L2		Local Use	Separate Distinct	FMA-Only	D					248	248
L2	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D					24,773	24,773
L2	Vanderwell Contractors (1971) Ltd.	CTQL020022	Separate Distinct	All-FMU	C, CD, DC	58.0500%	52,164				52,164
L2	Vanderwell Contractors (1971) Ltd.	CTQL020024	Separate Distinct	All-FMU	C, CD, DC	19.6236%	17,634				17,634
L2	Ed Bobocel Lumber (1993) Ltd.	CTQL020025	Separate Distinct	All-FMU	C, CD, DC	22.2566%	20,000				20,000
L2	CTPP	CTPP	Separate Distinct	All-FMU	C, CD, DC		63				63
<b>FMU L2 Total</b>							<b>89,861</b>		<b>0</b>	<b>24,773</b>	<b>114,634</b>
L3	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D					19,740	19,740
L3		Local Use	Separate Distinct	FMA-Only	D					199	199
L3	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D					19,939	19,939
L3	Northland Forest Products Ltd.	CTQL030016	Separate Distinct	All-FMU	C, CD, DC	100.0000%	136,112	100.0000%	15,861		151,973
<b>FMU L3 Total</b>							<b>136,112</b>		<b>15,861</b>	<b>19,939</b>	<b>171,912</b>
L8	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D					10,831	10,831
L8		Local Use	Separate Distinct	FMA-Only	D					109	109
L8	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D					10,940	10,940
L8	Ed Bobocel Lumber (1993) Ltd.	CTQL080002	Separate Distinct	All-FMU	C, CD, DC	83.2900%	23,811				23,811
L8	Northland Forest Products Ltd.	CTQL080003	Separate Distinct	All-FMU	C, CD, DC	16.7100%	4,777				4,777
<b>FMU L8 Total</b>							<b>28,588</b>		<b>0</b>	<b>10,940</b>	<b>39,528</b>
L11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D		107,843			60,093	167,936
L11		Local Use	Single Combined	FMA-Only	C, CD, DC, D		1,089			607	1,696
L11	FMA AAC Subtotal	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D		108,932			60,700	169,632
L11	CTPP	CTPP	Single Combined	All-FMU	C, CD		15,000				15,000
<b>FMU L11 Total</b>							<b>123,932</b>			<b>60,700</b>	<b>184,632</b>

Notes:

Effective and Approval Dates

FMU A14 - effective on September 1, 2013 - approved on October 11, 2013

FMU A15 - effective on May 1, 2014 - approved on November 14, 2014

FMU L1 - effective on September 1, 2012 - approved on March 15, 2013

FMU L2 - effective on September 1, 2011 - approved on January 25, 2013

FMU L3 - effective on September 1, 2012 - approved on March 15, 2013

FMU L8 - effective on September 1, 2012 - approved on March 15, 2013

FMU L11 - effective on September 1, 2012 - approved on March 15, 2013



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> ) 0	Total Approved AAC (m <sup>3</sup> )
S11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D				33,338	33,338
S11		Local Use	Separate Distinct	FMA-Only	D				337	337
S11	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D				33,675	33,675
S11	S-11 Logging Company Ltd.	CTQS110003	Separate Distinct	FMA-Only	C, CD, DC	91.8600%	82,905			82,905
S11	Unallocated	Unallocated	Separate Distinct	All-FMU	C, CD, DC		7,346			7,346
<b>FMU S11 Total</b>							<b>90,251</b>		<b>33,675</b>	<b>123,926</b>
S14	West Fraser Mills Ltd.	CTQS140004	Separate Distinct	All-FMU	C, CD, DC, D	50.0000%	38,952	50.0000%	17,611	56,563
S14	Kee Tas Kee Now Sawmill Ltd.	CTQS140005	Separate Distinct	All-FMU	C, CD, DC, D	50.0000%	38,951	50.0000%	17,610	56,561
<b>FMU S14 Total</b>							<b>77,903</b>		<b>35,221</b>	<b>113,124</b>
S18	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D				57,829	57,829
S18		Local Use	Separate Distinct	FMA-Only	D				584	584
S18	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D				58,413	58,413
S18	Vanderwell Contractors (1971) Ltd.	CTQS180002	Separate Distinct	All-FMU	C, CD, DC	22.8500%	35,826			35,826
S18	West Fraser Mills Ltd.	CTQS180004	Separate Distinct	All-FMU	C, CD, DC	77.1500%	120,960			120,960
<b>FMU S18 Total</b>							<b>156,786</b>		<b>58,413</b>	<b>215,199</b>
S22	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		23,874		89,338	113,212
S22		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D		241		902	1,143
S22	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		24,115		90,240	114,355
S22	Vanderwell Contractors (1971) Ltd.	CTQS220001	Separate Distinct	All-FMU	C, CD	48.0000%	41,670			41,670
S22	CTPP	CTPP	Separate Distinct	All-FMU	C, CD		2,795			2,795
S22	Unallocated	Unallocated	Separate Distinct	All-FMU	C, CD		18,232			18,232
<b>FMU S22 Total</b>							<b>86,812</b>		<b>90,240</b>	<b>177,052</b>
S23	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D				16,930	16,930
S23		Local Use	Separate Distinct	FMA-Only	D				171	171
S23	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D				17,101	17,101
S23	Ed Bobocel Lumber (1993) Ltd.	CTQS230001	Separate Distinct	All-FMU	C, CD, DC	68.1800%	18,803			18,803
S23	CTPP	CTPP	Separate Distinct	All-FMU	C, CD, DC		8,775			8,775
<b>FMU S23 Total</b>							<b>27,578</b>		<b>17,101</b>	<b>44,679</b>

Notes:

Effective and Approval Dates

FMU S11 - effective on September 1, 2011 - approved on June 28, 2012

FMU S14 - effective on September 1, 2011 - approved on October 2, 2012

FMU S18 - effective on September 1, 2011 - approved on June 28, 2012

FMU S22 - effective on September 1, 2011 - approved on November 21, 2012

FMU S23 (was S7) - effective on September 1, 2011 - approved on June 28, 2012

**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	Primary Disposition Allocation (%)	Primary Coniferous AAC (m <sup>3</sup> ) 15+/10/30 cm	Black Spruce Primary Disposition Allocation (%)	Black Spruce 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> )
A14	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		44,022			25,146	69,168
A14		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D		445			254	699
A14	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		44,467			25,400	69,867
A14	Northland Forest Products Ltd.	CTQA140005	Separate Distinct	All-FMU	C, CD, DC	63.3297%	81,695	52.6700%	2,054		83,749
A14	CTPP	CTPP	Separate Distinct	All-FMU	C, CD, DC		2,838				2,838
A14	Unallocated	Unallocated	Separate Distinct	All-FMU	C, CD, DC				1,846		1,846
<b>FMU A14 Total</b>							<b>129,000</b>		<b>3,900</b>	<b>25,400</b>	<b>158,300</b>
A15	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		128,380			96,921	225,301
A15		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D		1,297			979	2,276
A15	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		129,677			97,900	227,577
A15	Northland Forest Products Ltd.	CTQA150001	Separate Distinct	All-FMU	C, CD, DC	64.5401%	236,023				236,023
<b>FMU A15 Total</b>							<b>365,700</b>		<b>0</b>	<b>97,900</b>	<b>463,600</b>
L1	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D, DC					31,581	31,581
L1		Local Use	Separate Distinct	FMA-Only	D, DC					319	319
L1	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D, DC					31,900	31,900
L1	Northland Forest Products Ltd.	CTQL010005	Separate Distinct	All-FMU	C, CD	60.8017%	33,319				33,319
L1	Alberta Forest Industries Ltd.	CTQL010007	Separate Distinct	All-FMU	C, CD	12.8793%	7,058				7,058
L1	Ed Bobocel Lumber (1993) Ltd.	CTQL010009	Separate Distinct	All-FMU	C, CD	26.3190%	14,423				14,423
<b>FMU L1 Total</b>							<b>54,800</b>		<b>0</b>	<b>31,900</b>	<b>86,700</b>
L2	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D					25,146	25,146
L2		Local Use	Separate Distinct	FMA-Only	D					254	254
L2	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D					25,400	25,400
L2	Vanderwell Contractors (1971) Ltd.	CTQL020022	Separate Distinct	All-FMU	C, CD, DC	58.0500%	40,287				40,287
L2	Vanderwell Contractors (1971) Ltd.	CTQL020024	Separate Distinct	All-FMU	C, CD, DC	19.6236%	13,619				13,619
L2	Ed Bobocel Lumber (1993) Ltd.	CTQL020025	Separate Distinct	All-FMU	C, CD, DC	22.2566%	15,446				15,446
L2	CTPP	CTPP	Separate Distinct	All-FMU	C, CD, DC		48				48
<b>FMU L2 Total</b>							<b>69,400</b>		<b>0</b>	<b>25,400</b>	<b>94,800</b>

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	Black Spruce Primary Disposition Allocation (%)	Black Spruce 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> )
L3	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D					15,444	15,444
L3		Local Use	Separate Distinct	FMA-Only	D					156	156
L3	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D					15,600	15,600
L3	Northland Forest Products Ltd.	CTQL030016	Separate Distinct	All-FMU	C, CD, DC	100.0000%	148,900	100.0000%	9,900		158,800
<b>FMU L3 Total</b>							<b>148,900</b>		<b>9,900</b>	<b>15,600</b>	<b>174,400</b>
L8	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D					10,197	10,197
L8		Local Use	Separate Distinct	FMA-Only	D					103	103
L8	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D					10,300	10,300
L8	Ed Bobocel Lumber (1993) Ltd.	CTQL080002	Separate Distinct	All-FMU	C, CD, DC	83.2900%	20,739				20,739
L8	Northland Forest Products Ltd.	CTQL080003	Separate Distinct	All-FMU	C, CD, DC	16.7100%	4,161				4,161
<b>FMU L8 Total</b>							<b>24,900</b>		<b>0</b>	<b>10,300</b>	<b>35,200</b>
L11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D		90,981			62,271	153,252
L11		Local Use	Single Combined	FMA-Only	C, CD, DC, D		919			629	1,548
L11	FMA AAC Subtotal	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D		91,900			62,900	154,800
L11	CTPP	CTPP	Single Combined	All-FMU	C, CD		15,000				15,000
<b>FMU L11 Total</b>							<b>106,900</b>			<b>62,900</b>	<b>169,800</b>

Notes:

All FMU total annual allowable cuts (AAC) rounded down to the nearest 100 m<sup>3</sup>/yr.

The coniferous AAC is allocated Forest Management Unit A15 inside and outside SMA as follows:

SMA	AI-Pac Forest Industries Ltd.			Northland Forest Products Ltd.			FMU A15 Total		
	Primary Coniferous (m <sup>3</sup> )	Secondary Coniferous (m <sup>3</sup> )	Total Coniferous (m <sup>3</sup> )	Primary Coniferous (m <sup>3</sup> )	Secondary Coniferous (m <sup>3</sup> )	Total Coniferous (m <sup>3</sup> )	Primary Coniferous (m <sup>3</sup> )	Secondary Coniferous (m <sup>3</sup> )	Total Coniferous (m <sup>3</sup> )
<b>Inside</b>	77,835	21,800	99,635	141,665	-	141,665	219,500	21,800	241,300
<b>Outside</b>	51,842	76,100	127,942	94,358	-	94,358	146,200	76,100	222,300
<b>Total</b>	<b>129,677</b>	<b>97,900</b>	<b>227,577</b>	<b>236,023</b>	<b>-</b>	<b>236,023</b>	<b>365,700</b>	<b>97,900</b>	<b>463,600</b>

SMA - Surface Mineable Area, formerly called MOSA - Mineable Oil Sands Area.

Harvest volume inside SMA has been estimated as harvests of all merchantable timber over 20 year period.

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 Disposition Allocations (%)	Secondary Coniferous AAC (m <sup>3</sup> ) 15+ / 10 / 30 cm	Total Approved AAC (m <sup>3</sup> )
S11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D				28,116	28,116
S11		Local Use	Separate Distinct	FMA-Only	D				284	284
S11	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D				28,400	28,400
S11	S-11 Logging Company Ltd.	CTQS110003	Separate Distinct	FMA-Only	C, CD, DC	91.8600%	84,512			84,512
S11	Unallocated	Unallocated	Separate Distinct	All-FMU	C, CD, DC		7,488			7,488
<b>FMU S11 Total</b>							<b>92,000</b>		<b>28,400</b>	<b>120,400</b>
S14	West Fraser Mills Ltd.	CTQS140004	Separate Distinct	All-FMU	C, CD, DC, D	50.0000%	41,750	50.0000%	17,200	58,950
S14	Kee Tas Kee Now Sawmill Ltd.	CTQS140005	Separate Distinct	All-FMU	C, CD, DC, D	50.0000%	41,750	50.0000%	17,200	58,950
<b>FMU S14 Total</b>							<b>83,500</b>		<b>34,400</b>	<b>117,900</b>
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%	28,357			28,357
S18	West Fraser Mills Ltd.	CTQS180004	Separate Distinct	All-FMU	C, CD, DC	77.1500%	95,743			95,743
<b>FMU S18 Total</b>							<b>124,100</b>		<b>52,800</b>	<b>176,900</b>
S22	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		27,265		81,477	108,742
S22		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D		275		823	1,098
S22	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D		27,540		82,300	109,840
S22	Vanderwell Contractors (1971) Ltd.	CTQS220001	Separate Distinct	All-FMU	C, CD	48.0000%	47,808			47,808
S22	CTPP	CTPP	Separate Distinct	All-FMU	C, CD		3,207			3,207
S22	Unallocated	Unallocated	Separate Distinct	All-FMU	C, CD		21,045			21,045
<b>FMU S22 Total</b>							<b>99,600</b>		<b>82,300</b>	<b>181,900</b>
S23	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	D				17,523	17,523
S23		Local Use	Separate Distinct	FMA-Only	D				177	177
S23	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	D				17,700	17,700
S23	Ed Bobocel Lumber (1993) Ltd.	CTQS230001	Separate Distinct	All-FMU	C, CD, DC	68.1800%	16,090			16,090
S23	CTPP	CTPP	Separate Distinct	All-FMU	C, CD, DC		7,510			7,510
<b>FMU S23 Total</b>							<b>23,600</b>		<b>17,700</b>	<b>41,300</b>

Notes:

Landbase Designations for 2015 FMP:

FMUs area based on initial broad cover group assignments of D to deciduous and C/CD/DC to coniferous.

Exceptions are FMU L1, L11, and S22: initial broad cover group assignments of D/DC to deciduous and C/CD to coniferous.

FMU S14 AAC considerations:

In late 2016, Seehta Forest Products Ltd. proposed to direct unused volumes associated with CTQP210004, CTQP210006 and CTQS140004 to the Lubicon Lake Band under a non-renewable commercial timber permit. This business arrangement has been reflected in the Forestry Division ADM letter dated December 21, 2016 and FTTP ED letter dated June 29, 2017. The Government of Alberta has made a non-renewable volume commitment to Lubicon Lake Band Ventures for a total volume of 296,515 m<sup>3</sup> to be utilized over 20 years commencing May 1, 2016 and terminating April 30, 2036. This volume will be utilized over 4 quadrants with a quadrant authorized allowable cut of 74,129 m<sup>3</sup> for the first 3 quadrants and 74,128 m<sup>3</sup> for the final quadrant.

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

3.1		A14 Alberta-Pacific Forest Industries Inc.		Disposition: FMA9100029							
		Period Start: 1-May-16		Period End: 30-Apr-21							
	Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Additional Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
1	1-May-16	30-Apr-17	1.0000000000	58,489	0	34,309	58,489.0000	0.0000	34,309.0000	92,798.0000	Primary Period segment volume includes volume that was previously assigned to ALPAC, but unallocated/ unsequenced.
2	01-May-17	30-Apr-21	4.0000000000	44,467	0	25,400	177,868.0000	0.0000	101,600.0000	279,468.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	0	
<b>PAC Total</b>							<b>236,357</b>	<b>0</b>	<b>135,909</b>	<b>372,266</b>	

3.2		A14 Northland Forest Products Ltd.		Disposition: CTQA140005							
		Quadrant Start: 1-May-16		Quadrant End: 30-Apr-21							
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1	1-May-16	30-Apr-17	1.0000000000	107,457	5,048	0	107,457.0000	5,048.0000	0.0000	112,505.0000	
2	01-May-17	30-Apr-21	4.0000000000	81,695	2,054	0	326,780.0000	8,216.0000	0.0000	334,996.0000	
Quadrant Reconciliation Volume (m <sup>3</sup> )							0	0	0	0	
<b>QAAC Total</b>							<b>434,237</b>	<b>13,264</b>	<b>0</b>	<b>447,501</b>	

3.3		A14 CTPP		Disposition: CTPP							
		Quadrant Start: 1-May-16		Quadrant End: 30-Apr-21							
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1	1-May-16	30-Apr-17	1.0000000000	3,734	0	0	3,734.0000	0.0000	0.0000	3,734.0000	
2	01-May-17	30-Apr-21	4.0000000000	2,838	0	0	11,352.0000	0.0000	0.0000	11,352.0000	
Quadrant Reconciliation Volume (m <sup>3</sup> )							0	0	0	0	
<b>QAAC Total</b>							<b>15,086</b>	<b>0</b>	<b>0</b>	<b>15,086</b>	

3.4		A14 Unallocated		Disposition: Unallocated							
		Quadrant Start: 1-May-16		Quadrant End: 30-Apr-21							
	Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1	1-May-16	30-Apr-17	1.0000000000	0	4,537	0	0.0000	4,537.0000	0.0000	4,537.0000	
2	01-May-17	30-Apr-21	4.0000000000	0	1,846	0	0.0000	7,384.0000	0.0000	7,384.0000	
Quadrant Reconciliation Volume (m <sup>3</sup> )							0	0	0	0	
<b>QAAC Total</b>							<b>0</b>	<b>11,921</b>	<b>0</b>	<b>11,921</b>	

3.5		A15 Alberta-Pacific Forest Industries Inc.		Disposition: FMA9100029							
		Period Start: 1-May-16	Period End: 30-Apr-21								
Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Additional Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes	
1	1-May-16	30-Apr-17	1.0000000000	136,446	0	141,954	136,446.0000	0.0000	141,954.0000	278,400.0000	MOSA and non-MOSA volume combined.
2	01-May-17	30-Apr-21	4.0000000000	129,677	0	97,900	518,708.0000	0.0000	391,600.0000	910,308.0000	Volume is sourced from both inside and outside of the SMA. Harvest volume inside SMA has been estimated as harvests of all merchantable timber over 20 year period: primary coniferous 77,835 m <sup>3</sup> and incidental coniferous of 21,800 m <sup>3</sup> . Outside SMA primary coniferous AAC is 51,843 m <sup>3</sup> and secondary coniferous AAC is 76,100 m <sup>3</sup> . Refer to Table 2 for details.
Periodic Reconciliation Volume (m <sup>3</sup> )						0	0	0	0		
<b>PAC Total</b>							<b>655,154</b>	<b>0</b>	<b>533,554</b>	<b>1,188,708</b>	

3.6		A15 Northland Forest Products Ltd.		Disposition: CTQA150001							
		Quadrant Start 1-May-13	Quadrant End 30-Apr-21								
Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes	
1	1-May-13	30-Apr-14	1.0000000000	139,518	0	0	139,518.0000	0.0000	0.0000	139,518.0000	
2	01-May-14	30-Apr-17	3.0000000000	204,593	0	0	613,779.0000	0.0000	0.0000	613,779.0000	MOSA and non-MOSA volume combined.
3	01-May-17	30-Apr-21	4.0000000000	236,023	0	0	944,092.0000	0.0000	0.0000	944,092.0000	The original quadrant date of 2013-2018 was extended in order to align the QAAC date with other operators within the FMA. Volume is sourced from both inside and outside of the SMA. Harvest of volume inside SMA has been estimated as harvests of all merchantable timber over 20 year period. Primary coniferous inside SMA is 141,665 m <sup>3</sup> and outside SMA 94,357 m <sup>3</sup> . Refer to Table 2 for details. The CTP volume for A15 was terminated effective May 1, 2017 and that volume has now been allocated to this quota.
Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0		
<b>QAAC Total</b>							<b>1,697,389</b>	<b>0</b>	<b>0</b>	<b>1,697,389</b>	

3.7	L1	Alberta-Pacific Forest Industries Inc.	Disposition: FMA9100029									
		Period Start:	1-May-16	Period End:	30-Apr-21							
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Additional Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	0	0	30,053	0.0000	0.0000	30,053.0000	30,053.0000	
2		01-May-17	30-Apr-21	4.0000000000	0	0	31,900	0.0000	0.0000	127,600.0000	127,600.0000	
		Periodic Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>PAC Total</b>						<b>0</b>	<b>0</b>	<b>157,653</b>	<b>157,653</b>	

3.8	L1	Northland Forest Products Ltd.	Disposition: CTQL010005									
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	33,962	0	0	33,962.0000	0.0000	0.0000	33,962.0000	
2		01-May-17	30-Apr-21	4.0000000000	33,319	0	0	133,276.0000	0.0000	0.0000	133,276.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>QAAC Total</b>						<b>167,238</b>	<b>0</b>	<b>0</b>	<b>167,238</b>	

3.9	L1	Alberta Forest Industries Ltd.	Disposition: CTQL010007									
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	7,194	0	0	7,194.0000	0.0000	0.0000	7,194.0000	
2		01-May-17	30-Apr-21	4.0000000000	7,058	0	0	28,232.0000	0.0000	0.0000	28,232.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>QAAC Total</b>						<b>35,426</b>	<b>0</b>	<b>0</b>	<b>35,426</b>	

3.10	L1	Ed Bobocel Lumber (1993) Ltd.	Disposition: CTQL010009									
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	14,701	0	0	14,701.0000	0.0000	0.0000	14,701.0000	
2		01-May-17	30-Apr-21	4.0000000000	14,423	0	0	57,692.0000	0.0000	0.0000	57,692.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>QAAC Total</b>						<b>72,393</b>	<b>0</b>	<b>0</b>	<b>72,393</b>	

3.11	L2	Alberta-Pacific Forest Industries Inc.	Disposition: FMA9100029									
		Period Start:	1-May-16	Period End:	30-Apr-21							
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Additional Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	0	0	24,773	0.0000	0.0000	24,773.0000	24,773.0000	
	2	01-May-17	30-Apr-21	4.0000000000	0	0	25,400	0.0000	0.0000	101,600.0000	101,600.0000	
		Periodic Reconciliation Volume (m <sup>3</sup> )										
		PAC Total										
							0	0	126,373	126,373		

3.12	L2	Vanderwell Contractors (1971) Ltd.	Disposition: CTQL020022									
		Quadrant Start	1-May-16	Quadrant End:	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	52,164	0	0	52,164.0000	0.0000	0.0000	52,164.0000	
	2	01-May-17	30-Apr-21	4.0000000000	40,287	0	0	161,148.0000	0.0000	0.0000	161,148.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )										
		QAAC Total										
							213,312	0	0	213,312		

3.13	L2	Vanderwell Contractors (1971) Ltd.	Disposition: CTQL020024									
		Quadrant Start	1-May-16	Quadrant End:	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	17,634	0	0	17,634.0000	0.0000	0.0000	17,634.0000	
	2	01-May-17	30-Apr-21	4.0000000000	13,619	0	0	54,476.0000	0.0000	0.0000	54,476.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )										
		QAAC Total										
							72,110	0	0	72,110		

3.14	L2	Ed Bobocel Lumber (1993) Ltd.	Disposition: CTQL020025									
		Quadrant Start	1-May-16	Quadrant End:	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	20,000	0	0	20,000.0000	0.0000	0.0000	20,000.0000	
	2	01-May-17	30-Apr-21	4.0000000000	15,446	0	0	61,784.0000	0.0000	0.0000	61,784.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )										
		QAAC Total										
							81,784	0	0	81,784		

3.15	L2	CTPP	Disposition: CTPP									
		Quadrant Start	1-May-16	Quadrant End:	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	63	0	0	63.0000	0.0000	0.0000	63.0000	
	2	01-May-17	30-Apr-21	4.0000000000	48	0	0	192.0000	0.0000	0.0000	192.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )										
		QAAC Total										
							255	0	0	255		



3.16	L3	Alberta-Pacific Forest Industries Inc.	Disposition:	FMA9100029								
		Period Start:	1-May-16	Period End:	30-Apr-21							
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Additional Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	0	0	19,939	0.0000	0.0000	19,939.0000	19,939.0000	
2		01-May-17	30-Apr-21	4.0000000000	0	0	15,600	0.0000	0.0000	62,400.0000	62,400.0000	
		Periodic Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>PAC Total</b>						<b>0</b>	<b>0</b>	<b>82,339</b>	<b>82,339</b>	

3.17	L3	Northland Forest Products Ltd.	Disposition:	CTQL030016								
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	136,112	15,861	0	136,112.0000	15,861.0000	0.0000	151,973.0000	
2		01-May-17	30-Apr-21	4.0000000000	148,900	9,900	0	595,600.0000	39,600.0000	0.0000	635,200.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>QAAC Total</b>						<b>731,712</b>	<b>55,461</b>	<b>0</b>	<b>787,173</b>	

3.18	L8	Alberta-Pacific Forest Industries Inc.	Disposition:	FMA9100029								
		Period Start:	1-May-16	Period End:	30-Apr-21							
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Additional Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	0	0	10,940	0.0000	0.0000	10,940.0000	10,940.0000	
2		01-May-17	30-Apr-21	4.0000000000	0	0	10,300	0.0000	0.0000	41,200.0000	41,200.0000	
		Periodic Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>PAC Total</b>						<b>0</b>	<b>0</b>	<b>52,140</b>	<b>52,140</b>	

3.19	L8	Ed Bobocel Lumber (1993) Ltd.	Disposition:	CTQL080002								
		Quadrant Start	1-May-14	Quadrant End	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-14	30-Apr-17	3.0000000000	23,811	0	0	71,433.0000	0.0000	0.0000	71,433.0000	
2		01-May-17	30-Apr-21	4.0000000000	20,739	0	0	82,956.0000	0.0000	0.0000	82,956.0000	The original quadrant date of 2014-2019 was extended in order to align the QAAC date with other operators within the FMA.
		Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>QAAC Total</b>						<b>154,389</b>	<b>0</b>	<b>0</b>	<b>154,389</b>	

3.20	L8	Northland Forest Products Ltd.	Disposition:	CTQL080003								
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21							
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Additional Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Additional Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	4,777	0	0	4,777.0000	0.0000	0.0000	4,777.0000	
2		01-May-17	30-Apr-21	4.0000000000	4,161	0	0	16,644.0000	0.0000	0.0000	16,644.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>QAAC Total</b>						<b>21,421</b>	<b>0</b>	<b>0</b>	<b>21,421</b>	

3.21	L11	Alberta-Pacific Forest Industries Inc.	Disposition: FMA9100029									
		Period Start: 1-May-16	Period End: 30-Apr-21									
		<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>Additional 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>Additional 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-May-16	30-Apr-17	1.0000000000	105,100	0	60,700	105,100.0000	0.0000	60,700.0000	165,800.0000	AAC has been adjusted to account for 3.07% 2015 Wildfire adjustment. Primary Period segment AAC includes volume that was previously assigned to ALPAC, but unallocated/ unsequenced.
2		01-May-17	30-Apr-21	4.0000000000	91,900	0	62,900	367,600.0000	0.0000	251,600.0000	619,200.0000	
		Periodic Reconciliation Volume (m <sup>3</sup> )						-3,832	0	0	-3,832	2015 Wildfire Adjustment
		<b>PAC Total</b>						<b>468,868</b>	<b>0</b>	<b>312,300</b>	<b>781,168</b>	

3.22	L11	CTPP	Disposition: CTPP									
		Quadrant Start: 1-May-16	Quadrant End: 30-Apr-21									
		<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>Additional 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>Additional 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-16	30-Apr-21	5.0000000000	15,000	0	0	75,000.0000	0.0000	0.0000	75,000.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )						0	0	0	0	
		<b>QAAC Total</b>						<b>75,000</b>	<b>0</b>	<b>0</b>	<b>75,000</b>	

3.23	S11	Alberta-Pacific Forest Industries Inc.	Disposition:	FMA9100029						
		Period Start:	1-May-16	Period End:	30-Apr-21					
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	0	33,675	0.0000	33,675.0000	33,675.0000	
	2	1-May-17	30-Apr-21	4.0000000000	0	28,400	0.0000	113,600.0000	113,600.0000	
		Periodic Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>PAC Total</b>					<b>0</b>	<b>147,275</b>	<b>147,275</b>	

3.24	S11	S-11 Logging Company Ltd.	Disposition:	CTQS110003						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	82,905	0	82,905.0000	0.0000	82,905.0000	
	2	1-May-17	30-Apr-21	4.0000000000	84,512	0	338,048.0000	0.0000	338,048.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>420,953</b>	<b>0</b>	<b>420,953</b>	

3.25	S11	Unallocated	Disposition:	Unallocated						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	7,346	0	7,346.0000	0.0000	7,346.0000	
	2	1-May-17	30-Apr-21	4.0000000000	7,488	0	29,952.0000	0.0000	29,952.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>37,298</b>	<b>0</b>	<b>37,298</b>	

3.26	S14	West Fraser Mills Ltd.	Disposition:	CTQS140004						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	38,952	17,611	38,952.0000	17,611.0000	56,563.0000	
	2	1-May-17	30-Apr-21	4.0000000000	41,750	17,200	167,000.0000	68,800.0000	235,800.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>205,952</b>	<b>86,411</b>	<b>292,363</b>	

3.27	S14	Kee Tas Kee Now Sawmill Ltd.	Disposition:	CTQS140005						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	38,951	17,610	38,951.0000	17,610.0000	56,561.0000	
	2	1-May-17	30-Apr-21	4.0000000000	41,750	17,200	167,000.0000	68,800.0000	235,800.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>205,951</b>	<b>86,410</b>	<b>292,361</b>	

3.28	S18	Alberta-Pacific Forest Industries Inc.	Disposition:	FMA9100029						
		Period Start:	1-May-16	Period End:	30-Apr-21					
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	0	58,413	0.0000	58,413.0000	58,413.0000	
2		1-May-17	30-Apr-21	4.0000000000	0	52,800	0.0000	211,200.0000	211,200.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>PAC Total</b>							<b>0</b>	<b>269,613</b>	<b>269,613</b>	

3.29	S18	Vanderwell Contractors (1971) Ltd.	Disposition:	CTQS180002						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	35,826	0	35,826.0000	0.0000	35,826.0000	
2		1-May-17	30-Apr-21	4.0000000000	28,357	0	113,428.0000	0.0000	113,428.0000	
Quadrant Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>QAAC Total</b>							<b>149,254</b>	<b>0</b>	<b>149,254</b>	

3.30	S18	West Fraser Mills Ltd.	Disposition:	CTQS180004						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	120,960	0	120,960.0000	0.0000	120,960.0000	
2		1-May-17	30-Apr-21	4.0000000000	95,743	0	382,972.0000	0.0000	382,972.0000	
Quadrant Reconciliation Volume (m <sup>3</sup> )							-9,187	0	-9,187	2011-2016 over-production.
<b>QAAC Total</b>							<b>494,745</b>	<b>0</b>	<b>494,745</b>	

3.31	S22	Alberta-Pacific Forest Industries Inc.	Disposition:	FMA9100029						
		Period Start:	1-May-16	Period End:	30-Apr-21					
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	24,115	90,240	24,115.0000	90,240.0000	114,355.0000	
	2	1-May-17	30-Apr-21	4.0000000000	27,540	82,300	110,160.0000	329,200.0000	439,360.0000	
		Periodic Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>PAC Total</b>					<b>134,275</b>	<b>419,440</b>	<b>553,715</b>	

3.32	S22	Vanderwell Contractors (1971) Ltd.	Disposition:	CTQS220001						
		Quadrant Start	1-May-17	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-17	30-Apr-21	4.0000000000	47,808	0	191,232.0000	0.0000	191,232.0000	The original quadrant date 2017-2022 was shortened by 1 year in order to align the QAAC date with other operators within the FMA.
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>191,232</b>	<b>0</b>	<b>191,232</b>	

3.33	S22	CTPP	Disposition:	CTPP						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	2,795	0	2,795.0000	0.0000	2,795.0000	
	2	1-May-17	30-Apr-21	4.0000000000	3,207	0	12,828.0000	0.0000	12,828.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>15,623</b>	<b>0</b>	<b>15,623</b>	

3.34	S22	Unallocated	Disposition:	Unallocated						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
	1	1-May-16	30-Apr-17	1.0000000000	18,232	0	18,232.0000	0.0000	18,232.0000	
	2	1-May-17	30-Apr-21	4.0000000000	21,045	0	84,180.0000	0.0000	84,180.0000	
		Quadrant Reconciliation Volume (m <sup>3</sup> )					0	0	0	
		<b>QAAC Total</b>					<b>102,412</b>	<b>0</b>	<b>102,412</b>	

3.35	S23	Alberta-Pacific Forest Industries Inc.	Disposition:	FMA9100029						
		Period Start:	1-May-16	Period End:	30-Apr-21					
		Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	0	17,101	0.0000	17,101.0000	17,101.0000	
2		1-May-17	30-Apr-21	4.0000000000	0	17,700	0.0000	70,800.0000	70,800.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>PAC Total</b>							<b>0</b>	<b>87,901</b>	<b>87,901</b>	

3.36	S23	Ed Bobocel Lumber (1993) Ltd.	Disposition:	CTQS230001						
		Quadrant Start	1-May-17	Quadrant End	30-Apr-22					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-17	30-Apr-22	5.0000000000	16,090	0	80,450.0000	0.0000	80,450.0000	
Quadrant Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>QAAC Total</b>							<b>80,450</b>	<b>0</b>	<b>80,450</b>	

3.37	S23	CTPP	Disposition:	CTPP						
		Quadrant Start	1-May-16	Quadrant End	30-Apr-21					
		Quadrant Segment Start Date	Quadrant Segment End Date	Years in Quadrant Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary Quadrant Contribution (m <sup>3</sup> )	Secondary Quadrant Contribution (m <sup>3</sup> )	Total Quadrant Contribution (m <sup>3</sup> )	Notes
1		1-May-16	30-Apr-17	1.0000000000	8,775	0	8,775.0000	0.0000	8,775.0000	
2		1-May-17	30-Apr-21	4.0000000000	7,510	0	30,040.0000	0.0000	30,040.0000	
Quadrant Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>QAAC Total</b>							<b>38,815</b>	<b>0</b>	<b>38,815</b>	

**Table 4. Alberta-Pacific Forest Industries Inc. 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
	Al-Pac and CTPP		All	None	None	5% for coniferous harvest openings	Structure retention has been accounted for in the AACs for all of the FMUs	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 for all of the FMUs	N/A	N/A	All industrial salvage is AAC chargeable

**Table 5. Alberta-Pacific Forest Industries Inc. 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				Coniferous Harvest Level (m <sup>3</sup> /yr) based on 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)	
	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 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> )
A14	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	125,654	37,287	162,941
A14		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,269	377	1,646
A14	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	126,923	37,664	164,587
<b>FMU A14 Total</b>						<b>126,923</b>	<b>37,664</b>	<b>164,587</b>
A15	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	469,292	244,841	714,133
A15		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	4,740	2,473	7,213
A15	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	474,032	247,314	721,346
<b>FMU A15 Total</b>						<b>474,032</b>	<b>247,314</b>	<b>721,346</b>
L1	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	165,010	10,332	175,342
L1		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,667	104	1,771
L1	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	166,677	10,436	177,113
<b>FMU L1 Total</b>						<b>166,677</b>	<b>10,436</b>	<b>177,113</b>
L2	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	111,437	31,645	143,082
L2		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,126	320	1,446
L2	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	112,563	31,965	144,528
<b>FMU L2 Total</b>						<b>112,563</b>	<b>31,965</b>	<b>144,528</b>
L3	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	62,730	34,388	97,118
L3		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	634	347	981
L3	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	63,364	34,735	98,099
<b>FMU L3 Total</b>						<b>63,364</b>	<b>34,735</b>	<b>98,099</b>
L8	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	54,312	10,781	65,093
L8		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	549	109	658
L8	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	54,861	10,890	65,751
<b>FMU L8 Total</b>						<b>54,861</b>	<b>10,890</b>	<b>65,751</b>
L11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D	315,805	26,016	341,821
L11		Local Use	Single Combined	FMA-Only	C, CD, DC, D	3,190	263	3,453
L11	FMA AAC Subtotal	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D	318,995	26,279	345,274
<b>FMU L11 Total</b>						<b>318,995</b>	<b>26,279</b>	<b>345,274</b>

Notes:

Effective and Approval Dates:

FMU A14 - effective on September 1, 2013 - approved on October 11, 2013

FMU A15 - effective on May 1, 2014 - approved on November 14, 2014

FMU L1 - effective on September 1, 2012 - approved on March 15, 2013

FMU L2 - effective on September 1, 2011 - approved on January 25, 2013

FMU L3 - effective on September 1, 2012 - approved on March 15, 2013

FMU L8 - effective on September 1, 2012 - approved on March 15, 2013

FMU L11 - effective on September 1, 2012 - approved on March 15, 2013



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> )
S11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	140,609	33,321	173,930
S11		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,420	337	1,757
S11	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	142,029	33,658	175,687
<b>FMU S11 Total</b>						<b>142,029</b>	<b>33,658</b>	<b>175,687</b>
S14	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	135,254	15,620	150,874
S14		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,366	158	1,524
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>
S18	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	220,213	56,984	277,197
S18		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	2,224	576	2,800
S18	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	222,437	57,560	279,997
<b>FMU S18 Total</b>						<b>222,437</b>	<b>57,560</b>	<b>279,997</b>
S22	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	352,124	19,705	371,829
S22		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	3,557	199	3,756
S22	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	355,681	19,904	375,585
<b>FMU S22 Total</b>						<b>355,681</b>	<b>19,904</b>	<b>375,585</b>
S23	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	88,139	13,574	101,713
S23		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	890	137	1,027
S23	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	89,029	13,711	102,740
<b>FMU S23 Total</b>						<b>89,029</b>	<b>13,711</b>	<b>102,740</b>

Notes:

Effective and Approval Dates

FMU S11 - effective on September 1, 2011 - approved on June 28, 2012

FMU S14 - effective on September 1, 2011 - approved on October 2, 2012

FMU S18 - effective on September 1, 2011 - approved on June 28, 2012

FMU S22 - effective on September 1, 2011 - approved on November 21, 2012

FMU S23 (was S7) - effective on September 1, 2011 - approved on June 28, 2012

**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	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> )
A14	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	91,080	27,819	118,899
A14		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	920	281	1,201
A14	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	92,000	28,100	120,100
<b>FMU A14 Total</b>						<b>92,000</b>	<b>28,100</b>	<b>120,100</b>
A15	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	686,367	100,386	786,753
A15		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	6,933	1,014	7,947
A15	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	693,300	101,400	794,700
<b>FMU A15 Total</b>						<b>693,300</b>	<b>101,400</b>	<b>794,700</b>
L1	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	157,014	9,207	166,221
L1		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,586	93	1,679
L1	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	158,600	9,300	167,900
<b>FMU L1 Total</b>						<b>158,600</b>	<b>9,300</b>	<b>167,900</b>
L2	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	126,027	16,830	142,857
L2		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,273	170	1,443
L2	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	127,300	17,000	144,300
<b>FMU L3 Total</b>						<b>127,300</b>	<b>17,000</b>	<b>144,300</b>
L3	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	68,013	32,076	100,089
L3		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	687	324	1,011
L3	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	68,700	32,400	101,100
<b>FMU L8 Total</b>						<b>68,700</b>	<b>32,400</b>	<b>101,100</b>
L8	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	56,925	5,049	61,974
L8		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	575	51	626
L8	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	57,500	5,100	62,600
<b>FMU L11 Total</b>						<b>57,500</b>	<b>5,100</b>	<b>62,600</b>
L11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D	284,427	17,622	302,049
L11		Local Use	Single Combined	FMA-Only	C, CD, DC, D	2,873	178	3,051
L11	FMA AAC Subtotal	FMA9100029	Single Combined	FMA-Only	C, CD, DC, D	287,300	17,800	305,100
<b>FMU L2 Total</b>						<b>287,300</b>	<b>17,800</b>	<b>305,100</b>

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> )
S11	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	140,877	22,770	163,647
S11		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,423	230	1,653
S11	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	142,300	23,000	165,300
<b>FMU S11 Total</b>						<b>142,300</b>	<b>23,000</b>	<b>165,300</b>
S14	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	145,629	20,097	165,726
S14		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	1,471	203	1,674
S14	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	147,100	20,300	167,400
<b>FMU S14 Total</b>						<b>147,100</b>	<b>20,300</b>	<b>167,400</b>
S18	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	214,731	28,512	243,243
S18		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	2,169	288	2,457
S18	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	216,900	28,800	245,700
<b>FMU S18 Total</b>						<b>216,900</b>	<b>28,800</b>	<b>245,700</b>
S22	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	336,699	19,107	355,806
S22		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	3,401	193	3,594
S22	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	340,100	19,300	359,400
<b>FMU S22 Total</b>						<b>340,100</b>	<b>19,300</b>	<b>359,400</b>
S23	Alberta-Pacific Forest Industries Inc.	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	89,694	6,336	96,030
S23		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	906	64	970
S23	FMA AAC Subtotal	FMA9100029	Separate Distinct	FMA-Only	C, CD, DC, D	90,600	6,400	97,000
<b>FMU S23 Total</b>						<b>90,600</b>	<b>6,400</b>	<b>97,000</b>

Notes:

All FMU total annual allowable cuts (AAC) rounded down to the nearest 100 m<sup>3</sup>/yr.

FMU L11 Primary Deciduous AAC adjusted for wildfire and un-accounted unused volume by 0.15%.

Landbase Designations for 2015 FMP:

FMUs area based on initial broad cover group assignments of D to deciduous and C/CD/DC to coniferous.

Exceptions are FMU L1, L11, and S22: initial broad cover group assignments of D/DC to deciduous and C/CD to coniferous.

In FMU A15, the deciduous AAC is allocated inside and outside SMA as follows:

SMA	AI-Pac Forest Industries Ltd.		
	Primary Deciduous (m <sup>3</sup> )	Secondary Deciduous (m <sup>3</sup> )	Total Deciduous (m <sup>3</sup> )
Inside	403,600	65,800	469,400
Outside	289,700	35,600	325,300
<b>Total</b>	<b>693,300</b>	<b>101,400</b>	<b>794,700</b>

SMA - Surface Mineable Area, formerly called MOSA - Mineable Oil Sands Area.

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

8.1		A14 Alberta-Pacific Forest Industries Inc.		Disposition: FMA9100029						
		Period Start: 1-May-16		Period End: 30-Apr-21						
	Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes	
1	1-May-16	30-Apr-17	1.0000000000	126,923	37,664	126,923.0000	37,664.0000	164,587.0000		
2	01-May-17	30-Apr-21	4.0000000000	92,000	28,100	368,000.0000	112,400.0000	480,400.0000		
Periodic Reconciliation Volume (m <sup>3</sup> )						0	0	0		
<b>PAC Total</b>						<b>494,923</b>	<b>150,064</b>	<b>644,987</b>		
8.2		A15 Alberta-Pacific Forest Industries Inc.		Disposition: FMA9100029						
		Period Start: 1-May-16		Period End: 30-Apr-21						
	Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes	
1	1-May-16	30-Apr-17	1.0000000000	474,032	247,314	474,032.0000	247,314.0000	721,346.0000		
2	01-May-17	30-Apr-21	4.0000000000	693,300	101,400	2,773,200.0000	405,600.0000	3,178,800.0000	Volume is sourced from both inside and outside of the SMA. Harvest volume inside SMA has been estimated as harvests of all merchantable timber over 20 year period: primary deciduous 403,600 m <sup>3</sup> and incidental deciduous of 65,800 m <sup>3</sup> . Outside SMA primary deciduous AAC is 289,700 m <sup>3</sup> and secondary deciduous AAC is 35,600 m <sup>3</sup> . Refer to Table 7 for details.	
Periodic Reconciliation Volume (m <sup>3</sup> )						0	0	0		
<b>PAC Total</b>						<b>3,247,232</b>	<b>652,914</b>	<b>3,900,146</b>		
8.3		L1 Alberta-Pacific Forest Industries Inc.		Disposition: FMA9100029						
		Period Start: 1-May-16		Period End: 30-Apr-21						
	Period Segment Start Date	Period Segment End Date	Years in Period Segment	Primary Approved Harvest Level (m <sup>3</sup> /yr)	Secondary Approved Harvest Level (m <sup>3</sup> /yr)	Primary PAC Contribution (m <sup>3</sup> )	Secondary PAC Contribution (m <sup>3</sup> )	Total PAC Contribution (m <sup>3</sup> )	Notes	
1	1-May-16	30-Apr-17	1.0000000000	166,677	10,436	166,677.0000	10,436.0000	177,113.0000		
2	01-May-17	30-Apr-21	4.0000000000	158,600	9,300	634,400.0000	37,200.0000	671,600.0000		
Periodic Reconciliation Volume (m <sup>3</sup> )						0	0	0		
<b>PAC Total</b>						<b>801,077</b>	<b>47,636</b>	<b>848,713</b>		

8.4	<b>L2</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition: FMA9100029</b>							
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	112,563	31,965	112,563.0000	31,965.0000	144,528.0000	
2		01-May-17	30-Apr-21	4.0000000000	127,300	17,000	509,200.0000	68,000.0000	577,200.0000	
		<b>Periodic Reconciliation Volume (m<sup>3</sup>)</b>					0	0	0	
		<b>PAC Total</b>					<b>621,763</b>	<b>99,965</b>	<b>721,728</b>	

8.5	<b>L3</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition: FMA9100029</b>							
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	63,364	34,735	63,364.0000	34,735.0000	98,099.0000	
2		01-May-17	30-Apr-21	4.0000000000	68,700	32,400	274,800.0000	129,600.0000	404,400.0000	
		<b>Periodic Reconciliation Volume (m<sup>3</sup>)</b>					0	0	0	
		<b>PAC Total</b>					<b>338,164</b>	<b>164,335</b>	<b>502,499</b>	

8.6	<b>L8</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition: FMA9100029</b>							
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	54,861	10,890	54,861.0000	10,890.0000	65,751.0000	
2		01-May-17	30-Apr-21	4.0000000000	57,500	5,100	230,000.0000	20,400.0000	250,400.0000	
		<b>Periodic Reconciliation Volume (m<sup>3</sup>)</b>					0	0	0	
		<b>PAC Total</b>					<b>284,861</b>	<b>31,290</b>	<b>316,151</b>	

8.7	<b>L11</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition: FMA9100029</b>							
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	318,995	25,400	318,995.0000	25,400.0000	344,395.0000	Secondary AAC is adjusted to reflect 2015 Wildfire reduction.
2		01-May-17	30-Apr-21	4.0000000000	287,300	17,800	1,149,200.0000	71,200.0000	1,220,400.0000	
		<b>Periodic Reconciliation Volume (m<sup>3</sup>)</b>					0	-879	-879	2015 Wildfire Reduction.
		<b>PAC Total</b>					<b>1,468,195</b>	<b>95,721</b>	<b>1,563,916</b>	

8.8	<b>S11</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition:</b>	<b>FMA9100029</b>						
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	142,029	33,658	142,029.0000	33,658.0000	175,687.0000	
2		01-May-17	30-Apr-21	4.0000000000	142,300	23,000	569,200.0000	92,000.0000	661,200.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>PAC Total</b>							<b>711,229</b>	<b>125,658</b>	<b>836,887</b>	

8.9	<b>S14</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition:</b>	<b>FMA9100029</b>						
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	136,620	15,778	136,620.0000	15,778.0000	152,398.0000	
2		01-May-17	30-Apr-21	4.0000000000	147,100	20,300	588,400.0000	81,200.0000	669,600.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>PAC Total</b>							<b>725,020</b>	<b>96,978</b>	<b>821,998</b>	

8.10	<b>S18</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition:</b>	<b>FMA9100029</b>						
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	222,437	57,560	222,437.0000	57,560.0000	279,997.0000	
2		01-May-17	30-Apr-21	4.0000000000	216,900	28,800	867,600.0000	115,200.0000	982,800.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>PAC Total</b>							<b>1,090,037</b>	<b>172,760</b>	<b>1,262,797</b>	

8.11	<b>S22</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition:</b>	<b>FMA9100029</b>						
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	355,681	19,904	355,681.0000	19,904.0000	375,585.0000	
2		01-May-17	30-Apr-21	4.0000000000	340,100	19,300	1,360,400.0000	77,200.0000	1,437,600.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>PAC Total</b>							<b>1,716,081</b>	<b>97,104</b>	<b>1,813,185</b>	

8.12	<b>S23</b>	<b>Alberta-Pacific Forest Industries Inc.</b>	<b>Disposition:</b>	<b>FMA9100029</b>						
		<b>Period Start:</b>	1-May-16	<b>Period End:</b>	30-Apr-21					
		<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-May-16	30-Apr-17	1.0000000000	89,029	13,711	89,029.0000	13,711.0000	102,740.0000	
2		01-May-17	30-Apr-21	4.0000000000	90,600	6,400	362,400.0000	25,600.0000	388,000.0000	
Periodic Reconciliation Volume (m <sup>3</sup> )							0	0	0	
<b>PAC Total</b>							<b>451,429</b>	<b>39,311</b>	<b>490,740</b>	

**Table 9. Alberta-Pacific Forest Industries Inc. 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)			All	None	None	5% for deciduous harvest openings	Structure retention has been accounted for in the AACs for all of the FMUs	N/A	N/A	All industrial salvage is AAC chargeable

**Table 10. Alberta-Pacific Forest Industries Inc. 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			
					Top Diameter (cm)	Stump Diameter (cm)	Minimum Length (m)	Stump Height (cm)
All dispositions, FMUs and AAC types (unless otherwise noted)			All	C, CD, DC, D	10	15	3.66	30

**Table 11. 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	No fibre transfer agreements.