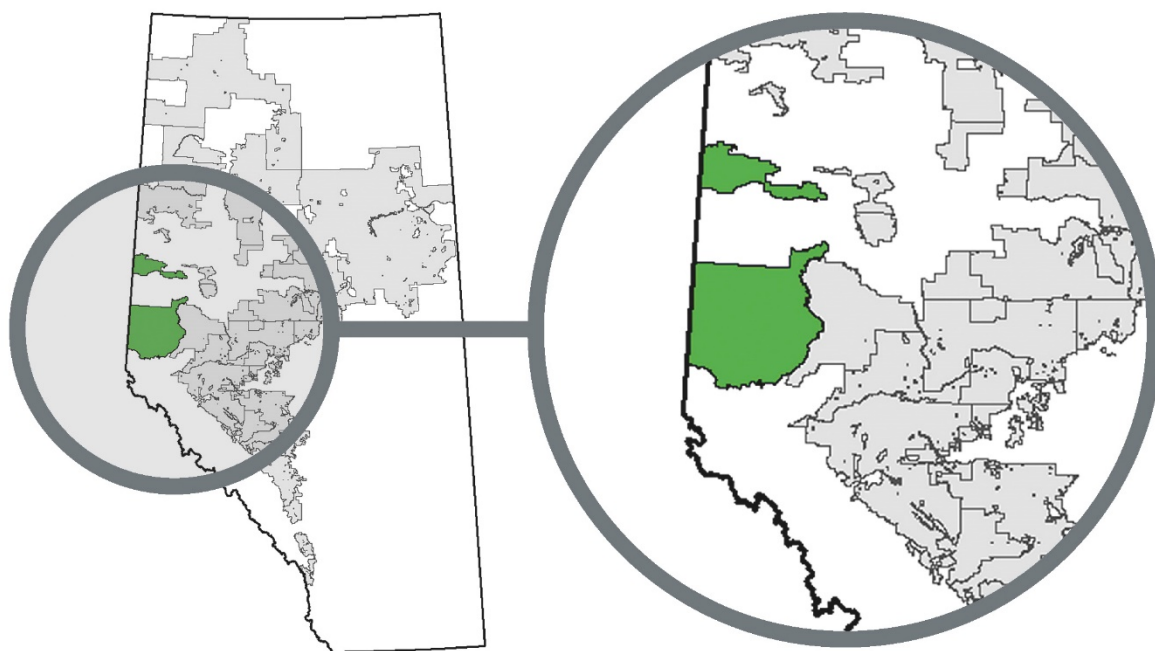


# Forest Management Plan Approval Decision

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## Forest Management Unit G16

Weyerhaeuser Company Limited  
(Grande Prairie)



Forest Management Agreement 6900016

Alberta Agriculture and Forestry

March 16, 2020

Weyerhaeuser Company Limited (Grande Prairie) 2019 Forest Management Plan Approval Decision

# Forest Management Plan Approval Decision

Forest Management Unit G16

Weyerhaeuser Company Limited  
Grande Prairie

**Forest Management Agreement 6900016**

**Date:** March 16, 2020

**Annual Allowable Cut**

**Effective Date:** May 1, 2019

**Approved by:** *Original signed*

Daniel Lux, Executive Director  
Forest Stewardship and Trade  
Branch

## Introduction

This Forest Management Plan (FMP) is prepared to meet Forest Management General Provisions 10 (1) of the Weyerhaeuser Company Limited, Grande Prairie (WeyCo GP) Forest Management Agreement (FMA) dated November 14, 2007; acceptable FMPs are approved by the Executive Director, Forest Stewardship and Trade Branch (FSTB), Alberta Agriculture and Forestry (department). This Approval Decision presents the rationale and establishes conditions of approval for the WeyCo GP 2019 FMP submitted September 6, 2019 and revised January 25, 2020.

The conditions herein are consistent with the terms of the FMA and failure by WeyCo GP 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 department recognizes Regulated Forestry Professional (RFP) validated work as complete, accurate and prepared with professional due diligence; the WeyCo GP 2019 FMP has been validated by a RFP.

## Forest Management Planning Area

The forest management planning area under consideration is FMA 6900016. The FMP includes the FMA and non-FMA portion of Forest Management Unit (FMU) G16, collectively known as the Defined Forest Area (DFA).

The DFA is located entirely within the Upper Peace Land-use Framework planning region in west central Alberta; it falls within the Alpine, Subalpine, Montane, Upper Foothills, Lower Foothills, Dry Mixedwood and Central Mixedwood Natural Subregions.

Where strategic land use and integrated resource management plans are approved after a FMP has been approved, the Government of Alberta (GOA) and WeyCo GP shall discuss implementation of the strategic land use and integrated resource management plan. The GOA may require the WeyCo GP 2019 FMP to be amended.

## Background

WeyCo GP's previous FMP was approved March 20, 2012. The WeyCo GP 2019 FMP is prepared according to the Alberta Forest Management Planning Standard, Version 4.1, 2006 (AFMPS) and replaces the previous FMP. The WeyCo GP 2019 FMP introduces new information for planning, implementing and monitoring forestry operations within the DFA. This Approval Decision represents the culmination of the departments' appraisal process.

As outlined in the March 20, 2012 Approval Decision, the next FMP was due by April 30, 2021. Resulting from a number of factors identified in Chapter 8, Appendix 3 of the FMP, WeyCo GP requested an early submission date.

The publication of this Approval Decision concludes the departments' appraisal of the WeyCo GP 2019 FMP submitted to date. The department posts approved FMPs on its website to support public access to plans. WeyCo GP remains obligated to make the approved FMP available to the public.

## Approval Decision Scope

This Approval Decision addresses the WeyCo GP 2019 FMP. It supersedes previous FMPs, timber supply analyses and their associated approval conditions.

All tenure holders within the DFA shall conduct their activities in accordance with the approved WeyCo GP 2019 FMP, this Approval Decision and associated conditions.

WeyCo GP shall meet the requirements of the WeyCo GP 2019 FMP approval conditions unless the Executive Director, FSTB, 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.

In the event of an inconsistency between the WeyCo GP 2019 FMP, the Approval Decision and existing, new or revised legislation or policy, the legislation or policy shall apply.

## Timber Supply Analysis

The department approves the tree length annual allowable cut (AAC) from the Timber Supply Analysis Preferred Forest Management Scenario (PFMS) 8110, Chapter 9, Table 9-9 of the WeyCo GP 2019 FMP.

## Approved Annual Allowable Cuts

### The Approved AACs for May 1, 2019 – April 30, 2029 are:

- Primary Coniferous AAC: 1,150,000 m<sup>3</sup> per year\*
- Secondary Coniferous AAC: 80,300 m<sup>3</sup> per year
- Primary Deciduous AAC: 763,900 m<sup>3</sup> per year
- Secondary Deciduous AAC: 192,900 m<sup>3</sup> per year

\*NOTE: Of the 1,150,000 m<sup>3</sup> per year, 550,000 m<sup>3</sup> primary coniferous per year will be available for harvest from the approved Caribou Access Units (CAUs) only; in alignment with the April 17, 2019 Letter of Direction provided to WeyCo GP by the GOA. Appendix A illustrates the approved CAUs.

Refer to Tables 1 and 5 for the Historical Allocations and Tables 2 and 6 for the Approved AACs.

## The Approved AACs effective May 1, 2029 are:

- Primary Coniferous AAC: 821,000 m<sup>3</sup> per year\*
- Secondary Coniferous AAC: 89,300 m<sup>3</sup> per year
- Primary Deciduous AAC: 763,900 m<sup>3</sup> per year
- Secondary Deciduous AAC: 133,000 m<sup>3</sup> per year

\*NOTE: Of the 821,000 m<sup>3</sup> per year, 200,000 m<sup>3</sup> primary coniferous per year will be available for harvest from the approved CAUs only; in alignment with the April 17, 2019 Letter of Direction provided to WeyCo GP by the GOA.

## Approved Tree Length Utilization

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

## Authorization

The WeyCo GP 2019 FMP is approved subject to the approval conditions and AACs (Tables 2 and 6) presented in this Approval Decision.

The AACs are effective beginning May 1, 2019. The AACs are predicated on all tenure holders harvesting the species profile in the primary and secondary proportions identified in the spatial harvest sequence (SHS), within the variance tolerances and implementing the silviculture prescriptions and other activities as presented in the FMP.

The SHS is effective beginning May 1, 2019. The SHS provided in PFMS 8110 (TwentyYearSHS\_8110) is approved with this Approval Decision.

The SHS within the following CAUs is not approved under the 2019 FMP (See Appendix A):

- i. Decade one SHS within CAUs that are not available (2068) or identified as deferred for sixty years (3092 and 3111),
- ii. Decade two SHS in CAU 3082 and 3121 within the perimeter of the Prairie Creek harvest area (Fish block identified in green), and
- iii. Primary deciduous SHS within the caribou ranges.

## Forest Management Plan Approval Conditions

The approval conditions direct WeyCo GP to complete additional work to enhance the information presented.

Approval Condition	Page	Requirement	Approval Authority	Date
1.1 i	9	Public Involvement	Forest Area Manager, Grande Prairie Forest Area	Ongoing
1.2 i	9	Indigenous Consultation	Forest Area Manager, Grande Prairie Forest Area	Ongoing
2.1 i-viii	9	Spatial Harvest Sequence	Forest Area Manager, Grande Prairie Forest Area and Director, Forest Resource Management	Ongoing
3.1 i	11	Reserve Caribou Access Units	Executive Director, Forest Stewardship and Trade Branch	May 1, 2025
3.1 ii, iii	11	Reserve Caribou Access Units	Executive Director, Forest Stewardship and Trade Branch	Ongoing
4.1 i	11	Stand Level Structure Retention	Director, Forest Resource Management	Ongoing
5.1 i	11	Habitat for Species of Concern	Director, Forest Resource Management	Ongoing

## Forest Management Plan Approval Conditions (Cont'd)

Approval Condition	Page	Requirement	Approval Authority	Date
5.1 ii	12	Habitat for Species of Concern	Director, Forest Resource Management	One year upon release of the Upper Smoky Sub-regional Plan
6.1 i, ii	12	Caribou Ranges Quadrant Control	Forest Area Manager, Grande Prairie Forest Area and Director, Forest Resource Management	Ongoing
7.1 i	12	Growth and Yield	Director, Forest Resource Analysis	Ongoing
8.1 i	12	Deciduous Leading Mixedwood Transition	Director, Forest Resource Analysis	August 1, 2020
9.1 i	13	Seed Supply	Director, Forest Resource Analysis	August 1, 2020
11.1 i	13	Performance Monitoring and Reporting	Director, Forest Resource Management	Ongoing
11.1 ii, iii	14	Performance Monitoring and Reporting	Director, Forest Resource Management	November 1, 2020, November 1, 2024 and May 1, 2029
12.1 i	14	Future Forest Management Plan	Executive Director, Forest Stewardship and Trade Branch	May 1, 2029



## 1.0 Public Involvement and Indigenous Consultation

The GOA delegates the responsibility for public involvement and Indigenous consultation on proposed FMPs to the FMA holder through the FMA and Alberta's Indigenous Consultation policies and guidelines.

WeyCo GP's Indigenous consultation has been deemed adequate and in alignment with GOA current policies. WeyCo GP engaged in reasonable public and interest group involvement and addressed the issues raised to the extent possible given the limited scope of the FMP. WeyCo GP must maintain its efforts to conduct meaningful public and interest group involvement as well as Indigenous consultation throughout FMP implementation.

### Approval Condition 1.1 Public Involvement

- i. **WeyCo GP shall keep written documentation of the issues and comments raised by the public and interest groups during operational plan consultation, as well as responses and actions to address the concerns. This shall be made available to the 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 Spatial Harvest Sequence

The SHS is the most important output of the FMP as it provides the implementation strategy all tenure holders must follow to achieve the forecasted future forest conditions. While dependent on many factors, the future forest condition is strongly influenced by harvest patterns, intensity and schedules. It presents spatially and temporally how the integration of environmental, economic and social values will be achieved on the DFA. Adherence to a properly planned SHS is imperative; it will be monitored by both WeyCo GP and the department.

Approved access within the caribou ranges is represented by CAUs as illustrated in Appendix A. See Appendix A for all references within this section tied to CAUs.

### Approval Condition 2.1 Spatial Harvest Sequence

- i. **All tenure holders shall follow the approved SHS developed to meet this approval condition.**
- ii. **All tenure holders may modify the approved SHS by deleting and replacing stands from the contributing landbase provided that:**
  - a. **The additions include no more than 20% of the total SHS area in each compartment per decade and Base 10 yield strata.**
  - b. **Harvesting does not exceed 100% of the total area within the approved SHS by compartment per decade and Base 10 yield strata.**

- c. Due to the overarching management strategy to utilize all available volume within CAUs, items a and b above do not apply within the caribou ranges. This is for the purposes of modifying the SHS only; tracking remains a requirement as identified below in iv.
  - d. All tenure holders shall not have more additions than combined area in deletions and deferrals. Preference shall be given to decade two for additions outside the caribou ranges, and
  - e. Within the caribou ranges, additions will be permitted from the approved decade one SHS within each approved CAU. Additions will not be permitted outside approved CAUs.
- iii. Stands may be added from the non-contributing landbase subject to department approval. Stands with mountain pine beetle shall follow the Mountain Pine Beetle Level 2 Harvest Priorities and Approval Process Directive 2013-01.
  - iv. All tenure holders shall track variance by compartment per decade and Base 10 yield strata using additions and Strata Description Tables, according to the Forest Management Planning Standard Interpretive Bulletin: Stewardship Reporting Requirements.
  - v. Should tenure holders exceed the thresholds described in (ii) outside the caribou ranges, the Forest Area Manager, Grande Prairie 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.
  - vi. Repeated deferral of any SHS stand is unacceptable. All deferrals from this FMP shall be harvested within the SHS of the 2029 FMP or marked as deletions and removed from the contributing landbase. SHS deferrals within the caribou ranges may be addressed in a different way depending on direction provided in the Upper Smoky Sub-regional Plan.
  - vii. The department requires the variance from the approved SHS to be reported annually. The five year Stewardship Report (Approval Condition 11.1) shall include an analysis of the variance from the approved SHS (Approval Condition 2.1) and describe the impacts of the variance on forecasts made in the FMP.
  - viii. The department may request a modification to the approved SHS if required by a change in legislation or policy.

## 3.0 Reserve Caribou Access Units

It is recognized that although every effort is made to operationalize outputs of a FMP, there are cases where newly identified operational constraints may occur that require changes to the approved SHS. These operational constraints may include, but not limited to, watercourse buffers on previously unidentified watercourses, mineral licks, bear dens and information identified through consultation. It is expected that the eighteen CAUs identified as Priority 1, as defined in Chapter 10, Section 10.15, Map 10-1 and represented in Appendix A, will provide the necessary volume to meet the FMP commitment. An additional fifteen reserve CAUs (Priority 2) are identified in the FMP that are not part of the decade one SHS; reserve CAUs may be made available to address newly identified operational constraints as described above.

### Approval Condition 3.1 Reserve Caribou Access Units

- i. **By May 1, 2025, WeyCo GP shall submit a detailed spatial assessment of the remaining available volume within the Priority 1 CAUs complete with a plan and timing for entering the reserve CAUs if necessary. The assessment shall be acceptable to the Executive Director, Forest Stewardship and Trade Branch.**
- ii. **Entry into the reserve CAUs will not occur until all available volume within each of the Priority 1 CAUs is fully planned and the GOA provides approval.**
- iii. **Primary deciduous SHS within the reserve CAUs is not available for harvest.**

## 4.0 Stand Level Structure Retention

Structure retention is one of two indicators supporting objective 1.1.2.1 in Annex 4 of the AFMPS. Structure retention is a stand level indicator that contributes to conserving biological diversity across the landscape.

### Approval Condition 4.1 Stand Level Structure Retention

- i. **All tenure holders shall follow the Structure Retention Strategy identified in the FMP. Structure retention shall be reported in Annual Operating Plans and Stewardship Reports.**

## 5.0 Habitat for Species of Concern

The maintenance of habitat for identified high value species is a fundamental objective of forest management planning within Alberta.

### Approval Condition 5.1 Habitat for Species of Concern

- i. **All tenure holders shall comply with GOA guidelines, direction, recovery, conservation and/or implementation plans regarding sensitive species.**

- ii. **The Narraway and Redrock-Prairie Creek caribou ranges fall within FMA 6900016. The GOA is undertaking sub-regional planning for the area encompassing the two caribou ranges. WeyCo GP shall, within a year of the release of the Upper Smoky Sub-regional Plan (USSRP) or otherwise named, adapt the FMP based on the direction provided by the approved USSRP.**

## 6.0 Caribou Ranges Quadrant Control

Within the approved CAUs, the total harvest for the first decade is 5,500,000 m<sup>3</sup> primary coniferous with an estimated annual harvest level of 550,000 m<sup>3</sup> per year. In alignment with the April 17, 2019 Letter of Direction, harvest volume within the CAUs will be broken into two, five year periods and shall be applied as follows:

### Approval Condition 6.1 Caribou Ranges Quadrant Control

- i. **First five year period (May 1, 2019 to April 30, 2024) – total harvest of 2,750,000 m<sup>3</sup>, once achieved, harvesting will be suspended until the start of the second five year period, and**
- ii. **Second five year period (May 1, 2024 to April 30, 2029) – total harvest of 2,750,000 m<sup>3</sup>, once achieved, harvesting shall be suspended until the start of the second decade (May 1, 2029).**

## 7.0 Growth and Yield

A credible and comprehensive Growth and Yield Program gathers key information for use in future timber supply analyses and to monitor current FMP timber growth and yield assumptions.

### Approval Condition 7.1 Growth and Yield

- i. **WeyCo GP shall implement and meet commitments in the Growth and Yield Program. Stewardship reporting (Approval Condition 11.1) shall provide an update on the progress of meeting the commitments.**

## 8.0 Deciduous Leading Mixedwood Transition

The FMP proposed a strategy to transition all deciduous leading mixedwood strata to coniferous leading mixedwood strata. This strategy is not in alignment with the current Reforestation Standard of Alberta; therefore, it is not approved at this time. The department is not precluding WeyCo GP from exploring and submitting a deciduous leading mixedwood transition strategy within future FMPs.

### Approval Condition 8.1 Deciduous Leading Mixedwood Transition

- i. **By August 1, 2020, WeyCo GP shall submit the following updates to the Silviculture Matrix and Annex V acceptable to the Director, Forest Resource Analysis:**
  - a. **Silviculture Matrix - incorporate silviculture strategies for Hardwood/Spruce (HwSx) and Hardwood/Pine (HwPI).**

**b. Annex V, Table 5-3 - incorporate culmination mean annual increment (MAI) targets for Basic HwPI and HwSx Yield Groups as follows:**

- HwPI and Pine/Hardwood (PIHw) Yield Groups share the same coniferous and deciduous MAI targets, and
- HwSx and Spruce/Hardwood (SwHw) Yield Groups share the same coniferous and deciduous MAI target.

**c. Annex V, Table 5-4 – incorporate regeneration transitions as follows:**

- Current NAT DC\_PL Yield Group regenerating to Basic HwPI, and
- Current NAT DC\_SX Yield Group regenerating to Basic HwSx.

## 9.0 Seed Supply

Adequate seed supply for the reforestation of areas identified to be harvested in the FMP SHS is a key component of ensuring sustainable forestry. The department verifies tenure holder's seed supply by comparing the area proposed in the SHS against existing seed inventories by seed zone and breeding region. While there are many components required to assess seed supply provided in the FMP, seed inventory and the amount of SHS to be harvested by the Base 10, species, seed zone and breeding region are absent.

### Approval Condition 9.1 Seed Supply

- i. By August 1, 2020, WeyCo GP shall submit updated seed supply tables acceptable to the Director, Forest Resource Analysis.**

## 10.0 Timber Harvest Planning and Operating Ground Rules

WeyCo GP makes a number of commitments and proposes strategies for mitigating risks within the FMP. The Timber Harvest Planning and Operating Ground Rules shall be in alignment with the FMP.

## 11.0 Performance Monitoring and Reporting

Five-year Stewardship Reports monitor implementation of FMPs.

### Approval Condition 11.1 Performance Monitoring and Reporting

- i. WeyCo GP shall prepare five year Stewardship Reports that document the operational performance of each tenure holder's activities implementing the FMP. All tenure holders shall cooperate in providing supporting information to WeyCo GP. 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. Stewardship Reports follow the Forest Management Planning Standard Interpretive Bulletin: Stewardship Reporting Requirements. Stewardship Reports shall be acceptable to the Director, Forest Resource Management.**

- ii. **By November 1, 2020, WeyCo GP shall resubmit Annex 12, Section 5.1.3 FMP SHS Variance Assessment to reflect variance for all tenure holders per the requirements outlined in the above mentioned Stewardship Reporting Requirements.**
- iii. **By November 1, 2024, WeyCo GP shall submit a Stewardship Report covering the period from May 1, 2019 to April 30, 2024 and a second report covering activities post May 1, 2024 and should be a component of the next FMP.**

## 12.0 Future Forest Management Plan

In accordance with FMA 6900016 Section 10 (1), the next FMP was due on or before April 1, 2021, which would have made the next FMP due on or before April 1, 2031. The FMP was submitted early on September 6, 2019 and revised January 25, 2020. Forest management planning in Alberta is completed on a ten year planning cycle, which adjusts the next FMP due date to on or before May 1, 2029, unless otherwise directed by the Minister. If there is an anticipated delay in the next FMP submission, WeyCo GP and the department will discuss the continued implementation of the 2019-2029 FMP.

### **Approval Condition 12.1 Future Forest Management Plan**

- i. **By May 1, 2029, WeyCo GP shall submit a new FMP for department review.**





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

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Primary Coniferous AAC (m <sup>3</sup> ) 15/10/15 cm	Secondary Coniferous AAC (m <sup>3</sup> ) 15/10/15 cm	Total Approved AAC (m <sup>3</sup> )
G16	Weyerhaeuser Company Limited	FMA6900016	Separate Distinct	FMA-Only	C, CD, DC, D	1,225,697	79,618	1,305,315
G16		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	8,107	527	8,634
G16	FMA AAC Subtotal	FMA6900016	Separate Distinct	FMA-Only	C, CD, DC, D	1,233,804	80,145	1,313,949
<b>FMU G16 Total</b>						<b>1,233,804</b>	<b>80,145</b>	<b>1,313,949</b>

**Notes:**

1. Effective Date: May 1, 2019
2. The previous FMP March 20, 2012 Approval Decision stated the AACs would change as documented above in Table 1 effective May 1, 2019.
3. The WeyCo GP 2019 FMP was submitted on September 6, 2019; therefore the AACs have been reset as documented in Table 2.
4. Local use is 8,634 m<sup>3</sup> annually per FMA6900016 Section 8(2) (a).

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

Effective Date: May 1, 2019

Future Approved Effective Date: May 1, 2029

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Cover Group / Species	Primary Coniferous AAC (m <sup>3</sup> ) 15/10/15 cm	Secondary Coniferous AAC (m <sup>3</sup> ) 15/10/15 cm	Total Approved AAC (m <sup>3</sup> )	Future Approved Primary Coniferous AAC (m <sup>3</sup> ) 15/10/15 cm	Future Approved Secondary Coniferous AAC (m <sup>3</sup> ) 15/10/15 cm	Future Approved Total AAC (m <sup>3</sup> )
G16	Weyerhaeuser Company Limited	FMA6900016	Separate Distinct	FMA-Only	C, CD, DC, D	1,141,473	80,193	1,221,666	812,366	89,300	901,666
G16		Local Use	Separate Distinct	FMA-Only	C, CD, DC, D	8,527	107	8,634	8,634	0	8,634
G16	FMA AAC Subtotal	FMA6900016	Separate Distinct	FMA-Only	C, CD, DC, D	1,150,000	80,300	1,230,300	821,000	89,300	910,300
<b>FMU G16 Total</b>						<b>1,150,000</b>	<b>80,300</b>	<b>1,230,300</b>	<b>821,000</b>	<b>89,300</b>	<b>910,300</b>

**Notes:**

1. Local use is 8,634 m<sup>3</sup> annually per FMA6900016 Section 8(2) (a).
2. Table 2 AACs based on the WeyCo GP 2019 FMP effective May 1, 2019 replace Table 1 AACs effective May 1, 2019 based on the March 20, 2012 Approval Decision.
3. The coniferous AACs are determined from Chapter 9, Table 9-9 of the WeyCo GP 2019 FMP submitted September 6, 2019, revised January 25, 2020.
4. FMU G16 coniferous AACs are reduced to the nearest one hundred from 1,150,001 m<sup>3</sup> to 1,150,000 m<sup>3</sup> (primary) and 80,312 m<sup>3</sup> to 80,300 m<sup>3</sup> (secondary). Future coniferous AACs are reduced to the nearest one hundred from 821,015 m<sup>3</sup> to 821,000 m<sup>3</sup> (primary) and 89,370 m<sup>3</sup> to 89,300 m<sup>3</sup> (secondary).
5. Unused volumes were not modelled as part of the WeyCo GP 2019 FMP.



**Table 3. Weyerhaeuser Company Limited (Grande Prairie) FMA Coniferous Chargeability**

Effective Date: May 1, 2019

FMU	Company Name	Disposition Number	Coniferous Species Used in AAC	Species NOT Chargeable to AAC	Rights to Species NOT Chargeable to AAC	Structure Retention (%)	Structure Retention (%) Accounted for in AAC	Net Landbase Deletions and Deferrals	Net Landbase Deletions and Deferrals: Rights to Timber	Industrial Salvage Chargeability Strategy
All dispositions and FMUs (unless otherwise noted)			All	None	None	4	Structure retention of 4% is accounted for in the AAC. See FMP Chapter 6, Section 6.13	See FMP Annex IV Section 5.1 and 8.1.24	n/a	All industrial salvage is AAC chargeable

**Table 4. Weyerhaeuser Company Limited (Grande Prairie) FMA Coniferous Utilization**

Effective Date: May 1, 2019

FMU	Company Name	Disposition Number	AAC Type	Cover Group / Species	Utilization used to determine Harvest Level in PFMS			
					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	15

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

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Volume Supply Area	Cover Group / Species	Primary Deciduous AAC (m <sup>3</sup> ) 15/11/15 cm	Secondary Deciduous AAC (m <sup>3</sup> ) 15/10/15 cm	Total Approved AAC (m <sup>3</sup> )
G16	Norbord Inc.	DTAG160001	Separate Distinct	All-FMU	n/a	C, CD, DC, D	1,001,670	363,955	1,365,625
G16	Tolko Industries Ltd.	DTAG160002	Separate Distinct	All-FMU	VSA 2	C, CD, DC, D	58,679	21,321	80,000
G16	Unallocated	Unallocated	Separate Distinct	All-FMU	VSA 2	C, CD, DC, D	37,408	13,592	51,000
<b>FMU G16 Total</b>							<b>1,097,757</b>	<b>398,868</b>	<b>1,496,625</b>

**Notes:**

1. Effective Date: May 1, 2019
2. The previous FMP March 20, 2012 Approval Decision stated the AACs would change as documented above in Table 5 effective May 1, 2019.
3. The WeyCo GP 2019 FMP was submitted on September 6, 2019; therefore the AACs have been reset as documented in Table 6.
4. WeyCo GP rights under paragraph 7(b) of FMA6900016 to 148,000 m<sup>3</sup> of deciduous AAC has been transferred to Norbord Inc. DTAG160001 effective May 1, 2019 per the letter dated October 22, 2019. The FMA and DTA have been updated accordingly.

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

Effective Date: May 1, 2019

Future Approved Effective Date: May 1, 2029

FMU	Company Name	Disposition Number	Landbase Management Type	Source	Volume Supply Area	Cover Group / Species	Primary Deciduous AAC (m <sup>3</sup> ) 15/10/15 cm	Secondary Deciduous AAC (m <sup>3</sup> ) 15/10/15 cm	Total Approved AAC (m <sup>3</sup> )	Future Approved Primary Deciduous AAC (m <sup>3</sup> ) 15/10/15 cm	Future Approved Secondary Deciduous AAC (m <sup>3</sup> ) 15/10/15 cm	Future Approved Total AAC (m <sup>3</sup> )
G16	Norbord Inc.	DTAG160001	Separate Distinct	All-FMU	n/a	C, CD, DC, D	635,892	189,908	825,800	636,782	129,118	765,900
G16	Tolko Industries Ltd.	DTAG160002	Separate Distinct	All-FMU	VSA 2	C, CD, DC, D	77,512	2,488	80,000	79,730	270	80,000
G16	Unallocated	Unallocated	Separate Distinct	All-FMU	VSA 2	C, CD, DC, D	50,496	504	51,000	47,388	3,612	51,000
<b>FMU G16 Total</b>							<b>763,900</b>	<b>192,900</b>	<b>956,800</b>	<b>763,900</b>	<b>133,000</b>	<b>896,900</b>

**Notes:**

1. Table 6 AACs based on the 2019 Forest Management Plan effective May 1, 2019 replace Table 5 AACs effective May 1, 2019 based on the March 20, 2012 Approval Decision.
2. WeyCo GP rights under paragraph 7(b) of FMA6900016 to 148,000 m<sup>3</sup> of deciduous AAC has been assigned to Norbord Inc. DTAG160001 effective May 1, 2019 per the letter to WeyCo GP dated October 18, 2019 and the letter to Norbord Inc. dated October 22, 2019. The FMA and DTA have been updated accordingly.
3. Secondary deciduous volume from DTAG160001 of 500 m<sup>3</sup> per year is available for local use.
4. The deciduous AAC is determined from Chapter 9, Table 9-9 of the WeyCo GP 2019 FMP submitted September 6, 2019, revised January 25, 2020.
5. FMU G16 deciduous AACs are reduced to the nearest one hundred from 763,993 m<sup>3</sup> to 763,900 m<sup>3</sup> (primary) and 192,987 m<sup>3</sup> to 192,900 m<sup>3</sup> (secondary). Future deciduous AACs are reduced to the nearest one hundred from 763,927 m<sup>3</sup> to 763,900 m<sup>3</sup> (primary) and 133,094 m<sup>3</sup> to 133,000 m<sup>3</sup> (secondary).
6. Unused volumes were not modelled as part of the WeyCo GP 2019 FMP.

**Table 7. Weyerhaeuser Company Limited (Grande Prairie) FMA Deciduous Chargeability**

Effective Date: May 1, 2019

FMU	Company Name	Disposition Number	Deciduous Species Used in AAC	Species NOT Chargeable to AAC	Rights to Species NOT Chargeable to AAC	Structure Retention (%)	Structure Retention (%) Accounted for in AAC	Net Landbase Deletions and Deferrals	Net Landbase Deletions and Deferrals: Rights to Timber	Industrial Salvage Chargeability Strategy
All dispositions and FMUs (unless otherwise noted)			All	None	None	4	Structure retention of 4% is accounted for in the AAC. See FMP Chapter 6, Section 6.13	See FMP Annex IV Section 5.1 and 8.1.24	n/a	All industrial salvage is AAC chargeable

**Table 8. Weyerhaeuser Company Limited (Grande Prairie) FMA Deciduous Utilization**

Effective Date: May 1, 2019

FMU	Company Name	Disposition Number	AAC Type	Cover Group / Species	Utilization used to determine Harvest Level in PFMS			
					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	15

**Table 9. Fiber Transfer Agreements within the Weyerhaeuser Company Limited (Grande Prairie) FMA Area**

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