

2021-22
General Development
Plan



Alberta-Pacific Forest Industries Inc.

Northland Forest Products Ltd.

General Development Plan

May 2021 to April 2026

Submitted: April 8, 2021

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Introduction

The purpose of this General Development Plan (GDP) is to provide a projection of activities for FMA9100029 (Alberta Pacific Forest Industries), CTQA160001, and CTQL030016 (Northland Forest Products Ltd) from May 1, 2021 to April 30, 2026 to:

- guide the integration of activities,
- provide a focus for collecting stakeholder information,
- schedule timber disposition administration activities,
- report variance from the Spatial Harvest Sequence (SHS),
- report cut control status and,
- coordinate the development and reclamation of roads.

The General Development Plan provides planned boundaries for access to areas that contain timber suitable for harvest (planning units). Each planning unit is designed to support harvest activities for three to five years. Harvest activities include:

- access construction,
- falling and decking of timber,
- hauling of timber,
- road reclamation and
- harvest slash abatement.

Subsequent to the above listed harvest activities, various potential silviculture activities may occur within the harvest areas. These activities are required to achieve reforestation targets set by the Alberta Government. Silviculture activities may include:

- site preparation,
- planting,
- vegetation management and
- reforestation surveys

Incidental activities are likely to occur within planning unit footprints to support these activities. These incidental activities include, but are not limited to:

- decking areas / log storage sites,
- borrow pits,
- surface material exploration and
- temporary work camps.

References to years or annual periods in this plan refer to the timber year from May 1 to April 30.

Quadrant 6 started in May 1, 2016, and will end April 30, 2021. Quadrant 7 Begins May 1, 2021 and will end April 30, 2026. The Cut control tables will report all volume harvested during Q6 as well as all anticipated volume during Q7 based in the GDP fiber supply.

The Spatial Harvest Sequence (SHS) is the spatial allocation of volume over a 10 year period. The current 10 year period Began May 1, 2015 and ends April 30, 2025. As such, volume sequence during the 5th year of the GDP (2025-26) may be from Period 2 of the SHS.

The GDP is a rolling five-year plan that is updated annually. As a planning unit moves closer to the current year, more planning activities are completed within the planning unit boundary. Specific concerns are more easily addressed in the early years. The dates depicted in this plan are subject to change.

Fiber Supply

The fiber supply includes information on the locations and volumes for Alberta-Pacific's and Northland's harvesting from within their respect dispositions from May 1, 2021 to April 30, 2026.

See **Appendix 1** for the areas to be harvested each year of the next five year period.

Periodic Cut Control

Appendix 2 Table 1 & 2, Alberta-Pacific Quadrant Cut Control provides the quadrant actual and projected deliveries in relation to the respective Quadrant Allowable Cuts (QACs). Due to Forest Fires and Tenure swaps, the QAC have changed since the Forest Management plan was approved. The Cut Control Tables are updated to reflect the recent changes and Annual Allowable Cuts are based off the latest AAC table, dated June 8, 2020. The following FMUs have approved 10year QAC for the primary deciduous cut: L1, L3, L8, L11, S11, S18, S22

and S23. The total available QAC reflected in the Q7 Periodic Cut Control Table for these FMUs is calculated as follows: *Total 10 year combined AACs – harvested volume from Quadrant 6*

FMU L2 primary deciduous QAC has been reduced by 28,974m³ based on the estimated over cut from quadrant 6.

Appendix 2 Table 3 & 4, Northland Quadrant Cut Control provides the quadrant actual and projected deliveries in relation to the respective Quadrant Allowable Cuts (QACs). Due to Forest Fires and Tenure swaps, the QAC have changed since the Forest Management plan was approved. The Cut Control Tables are updated to reflect the recent changes and Annual Allowable Cuts are based off the latest AAC table, dated June 8, 2020 for CTQA140005, CTQA150001, and CTQL030016.

The 5% volume reduction for stand structure for Alberta-Pacific was removed during the approved Timber Supply Analysis. The 1% of the AAC that is available for local use is included in the QACs. The 1% local use is managed by AAF and utilization to date is in **Appendix 2 Table 3**, Quadrant 2016-2021 Local Timber Use Cut Control.

A Timber Revenue audit for May 1, 2020 to April 30, 2021 will be scheduled in October 2021.

Planning Unit Development

Forest Harvest Plan (FHP) submissions for acceptance or appraisal should occur the year before the entry year, however, considerable uncertainty is created by the potential for alternative fiber sources such as industrial salvage and other underutilized forest operations. Plans integrated with other Timber Operators, Researchers, Oil Sands Proponents and Steam Assisted Gravity Drainage (SAGD) operations will be developed in accordance with the timing requirements of the other operators.

A table is provided in the AOP that shows the progress of each FHP.

First Nations Consultations and Public Input

The goal of the Annual Operating Plan (AOP) public input process is to inform the public and obtain input into the AOP. This is done through a number of methods including posting plans on public websites, public information sessions, the Landscape Advisory Group, mill and woodlands tours, and school presentations.

First Nations Consultation

Alberta-Pacific and Northland have performed procedural aspects of First Nations and Metis Settlements consultation as per *The Government of Alberta's Proponent Guide to First Nations and Metis Settlements Consultation Procedures*, Dated December 2019, and the First Nations and Metis Settlements Pre-consultation Assessment provided by AAF on March 10, 2021. An adequacy assessment request with supporting documentation will be sent to AAF once consultation is complete.

Landscape Advisory Group

The Forest Landscape Advisory Group (LAG) is a key part of Alberta-Pacific's "Community Engagement Strategy," which aims to ensure the consistency, co-ordination, efficiency and effectiveness of community engagement activities initiated by Alberta-Pacific. The LAG assists Alberta-Pacific in focusing resources, implementing programs and adopting practices, where and as appropriate, for the benefit of Alberta-Pacific, the FMA area Communities and the environment. The LAG is advisory in nature, however, if and where required to make a recommendation or decision, the group operates by consensus.

The LAG provides information from a stakeholder and public perspective to assist Alberta-Pacific in landscape planning and operational decision making by the Woodlands group.

Map Reading Area at Mill Site

Company representatives are available for review of the GDP/AOP at the Alberta-Pacific and Northland mill sites.

Tours and Presentations

Alberta-Pacific and Northland conduct woodlands tours to demonstrate the Companies' ecosystem management and harvesting practices. There are tours of the mill site, harvest block tours, and harvest operations demonstrations. Though the tours are not specifically a component of the AOP Public Input process, they allow Alberta-Pacific and Northland to present information and respond to inquiries about all aspects of the Company. Availability of tours are subject to Alberta COVID-19 restrictions.

Conclusion

Information sessions, tours, presentations, publications and visits by schools and the public to the mill site or our regional offices allowed many people to ask questions and get answers regarding what was happening, and how to get in touch with the proper people regarding economic opportunities.

Any information received from stakeholders is dealt with according to the status of the planning unit and the type of information. Information not considered confidential is included in Forest Harvest Plans.

Variance Tracking

Spatial Harvest Sequence (SHS)

Alberta-Pacific's Forest Management Plan was approved on May 17, 2018. This includes the approval of the Spatial Harvest Sequence (SHS) for Period 1 which spans from May 1, 2015 to April 30, 2025. All variance reporting is in relation to the approved SHS for this 10 year period.

Appendix 3 & 4, Operational Variance Summaries includes the reporting required in the GDP.

As-built variance is reported for cutblocks where final boundaries, as per the definition of final boundaries from "*Directive - Final Cutblock Digital Data Submissions, AF, Forest policy, 2015, No. 3*", are available.

Stand Structure

Alberta-Pacific's and Northland's strategy is to retain varying amounts of structure at the stand level as per the FMP and OGRs. The Companies have developed stand structure monitoring programs using a combination of update aerial photography and field verification.

Stand structure analysis results are reported after update photography interpretation has been completed.

Alberta-Pacific Retention reporting

The following is the structure retention report for 2018-19:

- Merchantable stand structure was measured in 116 blocks (2,880 ha) over 10 FMUs utilizing the 2018 update photography. The stand structure retained within the blocks as clumps averaged 3.27% and additional 1.03% was left as single tree retention, for a total of 4.3%.

Northland Retention Reporting

The following is the structure retention report for 2018-19:

- Merchantable stand structure clumps were measured in 75 blocks (1,023 ha) over 4 FMUs (A14, A15, L3, and L1). The stand structure retained within the blocks averaged 1.3%

Appendix Key

In the GDP and associated tables, the following codes apply:

- N refers to non-frozen ground conditions.
- F refers to frozen ground conditions. Generally November 1 to March 31.
- Decid refers to Alberta-Pacific's deciduous harvested from the deciduous landbase.
- Inc Decid refers to Alberta-Pacific's incidental deciduous harvested from the Alberta-Pacific's or Northland's coniferous landbase.
- Conif (Al-Pac) refers to Alberta-Pacific's coniferous harvested from the coniferous landbase.
- Conif (NFPL) refers to Northland's coniferous harvested from the coniferous landbase.
- Inc Conif refers to Alberta-Pacific's the incidental coniferous harvested from the deciduous landbase.

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Appendix 2
Periodic Cut Control

Appendix 3
Alberta Pacific Variance Tables

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Northland Forest Products Variance Tables