

**Monitoring – Forest Company Actual Harvest vs Quadrant Cut Control (5.2.3)  
Five Year Period May 1, 2016 - April 30, 2021 (cubic metres) – Al-Pac FMA Area**

For the Forest Management Agreement (FMA) area, all forest companies compile their actual harvest delivered volume (conifer (C) and deciduous (D)) on a yearly basis. The actual volumes, measured in cubic metres, are reported in each companies' "General Development Plan - GDP". Annual harvested volumes are summarized for monitoring purposes and are compared to the five-year "Quadrant Allowable Cut – QAC"<sup>1</sup>.

The five-year QAC is the approved Forest Management Plan's allowed harvestable volume for each of the 12 Forest Management Units (FMU) for a five-year period. Adjustments may be made by Alberta Agriculture and Forestry (AAF) at the FMU level to reflect changes in harvestable landbase due to major natural disturbances (eg. fire) or administrative changes (eg. FMU amalgamations, quota allocations etc.).

The monitoring for the current quadrant (May 1, 2016 - April 30, 2021) includes the compilation of the harvested volumes from the following forest companies operating within the FMA area. They include primary and secondary C and D volumes.<sup>2</sup>

- Alberta-Pacific – Primary and secondary C and D
- Northland Forest Products – Primary C and secondary D
- Bobocel Lumber – Primary C and secondary D
- Vanderwell Contractors – Primary C and secondary D
- West Fraser Mills – Primary C and secondary D
- S-11 Logging – Primary C and secondary D

To-date, on a cumulative basis for the entire FMA, total harvest volumes are all below the approved QAC. Al-Pac principally harvests primary deciduous – currently 75% actual harvested vs. current approved QAC. In association with primarily deciduous, all secondary (incidental) conifer is harvested by Al-Pac – currently 53% actual vs. FMP approved QAC. The five conifer quota holders and Al-Pac have harvested 48% of the approved primary conifer allocation and 55% of the secondary deciduous allocation vs. FMP approved QAC. The quadrant vs. actual harvest comparison is presented below.

---

<sup>1</sup> Quadrant allowable cut (QAC) is synonymous with Periodic Allowable cut (PAC). In this document the term QAC will be used.

<sup>2</sup> Primary volume is the wood type that is dominant in a stand (either conifer or deciduous) and secondary volume, often referred to as incidental, is the volume of the minor component of the stand.

### Actual Harvest vs. Quadrant (5 year) Cut Control (m<sup>3</sup>)

