APPENDIX 5: Amendment Submission – VOIT 2.1.1(c)

Value	2.1.1 Reforested Harvest Areas
Objective	2.1.1.1 Meet reforestation targets on all harvested areas
Type of VOIT	Dynamic
Indicator (GoA)	Cumulative % of reforested areas that meet reforestation target
Indicator (Canfor)	2.1.1(c)
Target (Canfor)	The regenerated stand yield (Mean Annual Increment) for the total of all sampling populations will meet or exceed the regenerated stand yield assumptions of the Timber Supply Analysis in the Regeneration Standards of Alberta performance survey process
Acceptable Variance	The 5 year average must meet the mean annual increment targets for the current quadrant period.
Status	**Meets**

Canfor conducts performance surveys across the DFA every other year, meaning harvested blocks that are 13 and 14 years old are pooled and surveyed in the same year. Canfor conducted performance surveys in 2015, 2017, and 2019.

Table 1 depicts the five-year weighted rolling average, broken down by Alberta's base 10 strata, for the mean annual increment (MAI) calculated from the results of the performance surveys, in comparison with our target MAI for conifer and deciduous growth. As of the 2019 survey results, Canfor is exceeding the five-year weighted rolling average MAI for both conifer and deciduous growth in all applicable strata.

Table 1: Canfor's Performance Survey Results (5 Year Rolling Average)

5 Year Average by Base-10 Stratum	Total Area (ha)	MAI Target (m3/ha/yr)		MAI Survey Results (m3/ha/yr)	
		Conifer	**Deciduous**	**Conifer**	**Deciduous**
1-Deciduous	210	0.15	2.75	0.90	3.74
3-Deciduous/Sw	530	1.71	1.8	2.13	2.24
4-Sw/Deciduous	764	1.8	0.91	2.36	1.80
5-Pl/Deciduous	344	1.54	0.89	2.93	1.83
7-Sw/Sb	8008	2.32	0.43	2.77	1.11
8-Pl	5322	2.72	0.17	3.88	0.84
9-Sb	492	1.47	0.02	2.96	0.74

Tolko has conducted RSA performance surveys on 11 blocks, all of which took place during the 2019 timber year. Ten of the 11 blocks belong to the pure deciduous base 10 stratum, while the remaining one block was classified as a DC deciduous spruce mix. Table 2 provides a summary of their MAI, calculated from survey results. Although the conifer MAI target was not achieved for the deciduous/Sw stratum, these results only represent one block opening. Across the DFA as a whole, the conifer MAI target is being met for the Deciduous/Sw stratum. Survey results will continue to be monitored as more data is collected.

Norbord has not conducted any performance surveys on the DFA during this reporting period.

Table 2: Tolko's Performance Survey Results (5 Year Rolling Average)

5 Year Average by Base-10 Stratum	MAI Target (m3/ha/yr)		MAI Survey Results (m3/ha/yr)	
	Conifer	Deciduous	Conifer	Deciduous
1-Deciduous	0.15	2.75	0.16	4.83
3-Deciduous/Sw	1.71	1.8	0.97	3.76