



Western Forest Products Inc.

Tree Farm Licence 39 Timber Supply Analysis

MANAGEMENT PLAN 9

Addendum #1

August 2014



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At the request of the Forest Analysis and Inventory Branch (FAIB) of the Ministry of Forests, Lands and Natural Resource Operations (FLNRO) and the Nanwakolas Council the recommended AAC was modeled. The recommended AAC includes the contribution from the conventionally operable land base in the Base Case and the contribution from the non-conventionally operable land base in the sensitivity analysis within which harvest from the non-conventional land base was increased (refer to Section 2 and 4.9 of the Timber Supply Analysis (TSA) report respectively).

The model was set up using the same construct as in the sensitivity analysis discussed in section 4.9 of the TSA report except the initial conventional and non-conventional harvest volumes were set to the recommended AAC contributions by supply block. The following figures and table present the harvest schedule and growing stock levels achieved. For comparison purposes the total harvest volume from the Base Case and the sensitivity analysis with increased harvest from the non-conventionally operable land base are indicated in the harvest schedule figures.

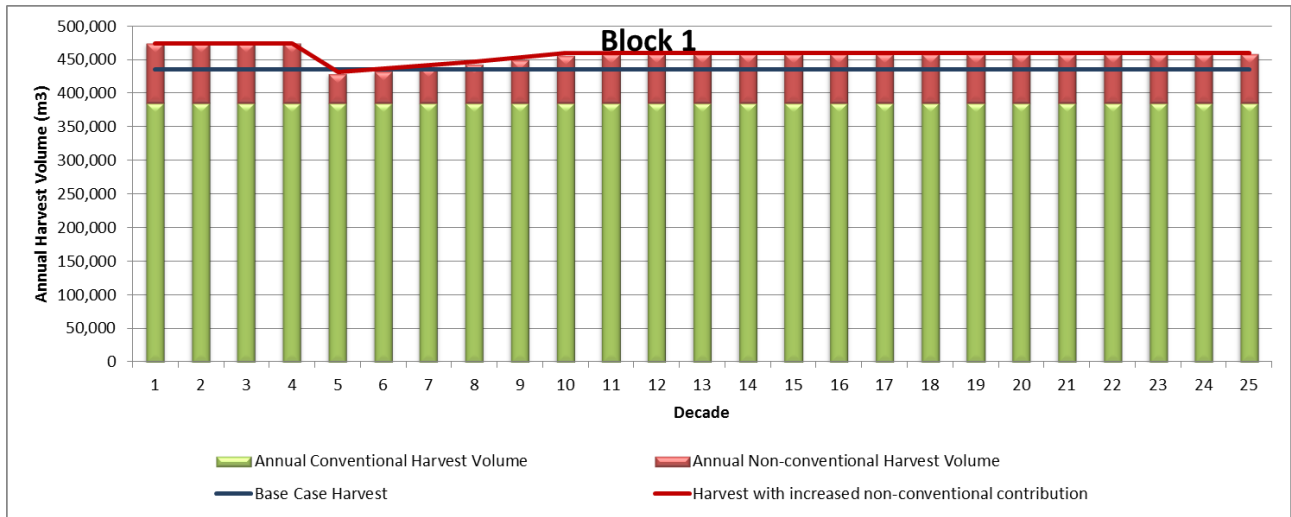


Figure 1 – Block 1 Recommended AAC Harvest levels

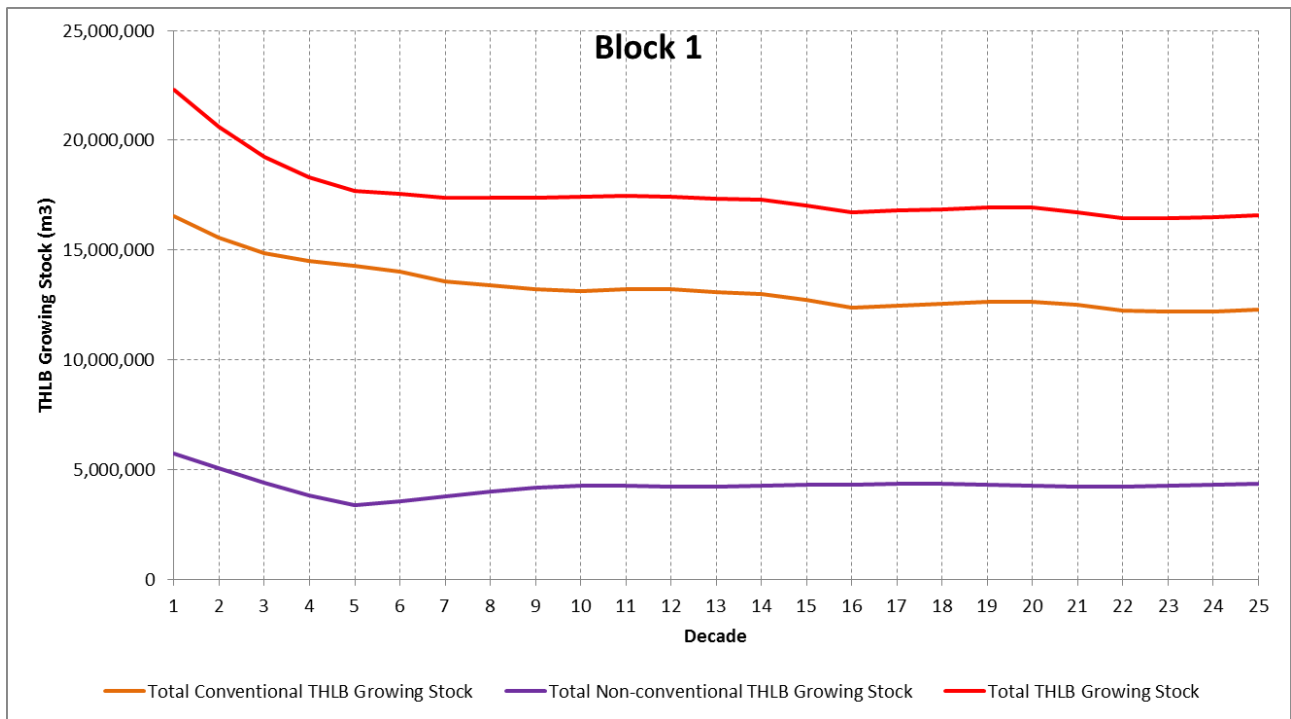


Figure 2 – Block 1 Recommended AAC THLB Growing Stock

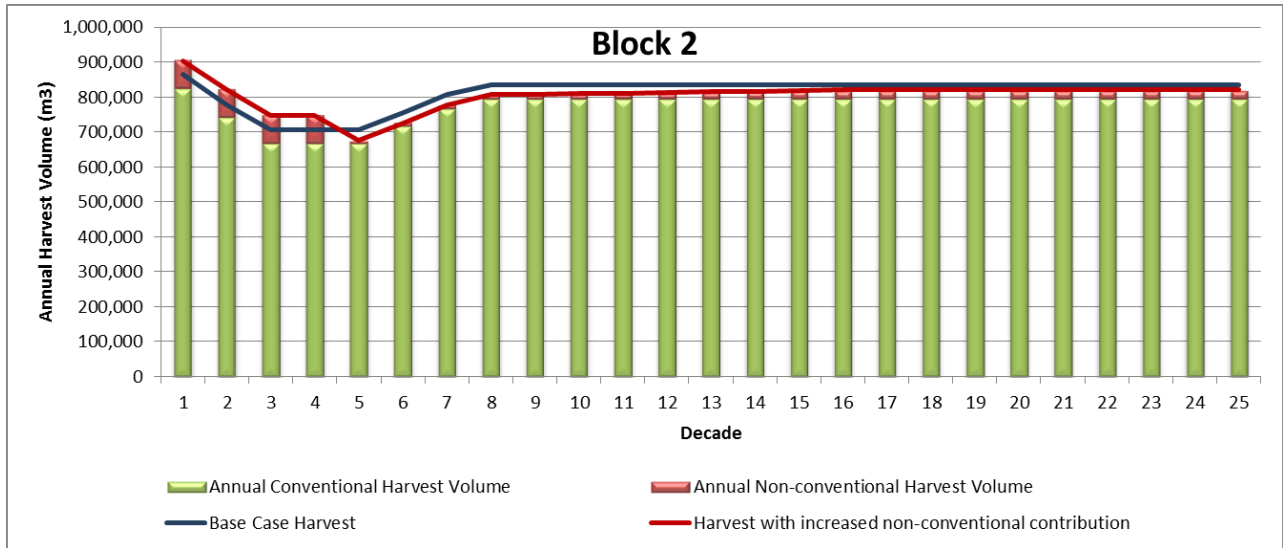


Figure 3 – Block 2 Recommended AAC Harvest levels

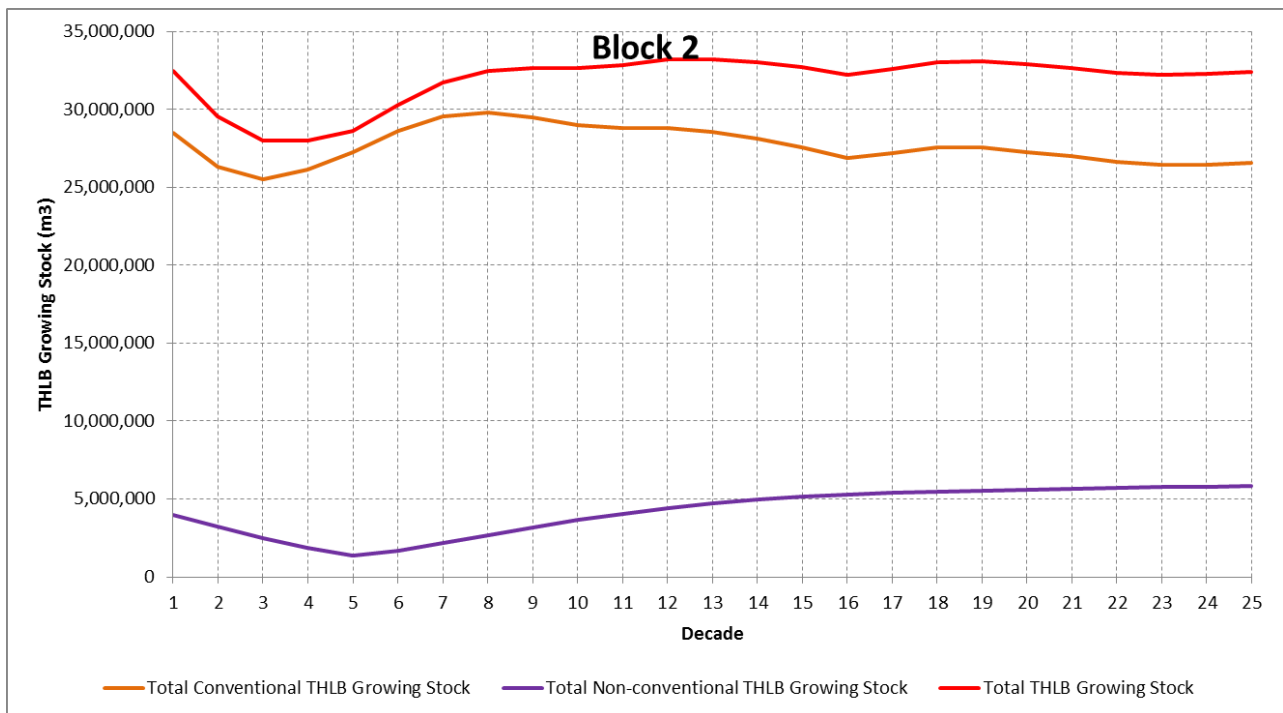


Figure 4 – Block 2 Recommended AAC THLB Growing Stock

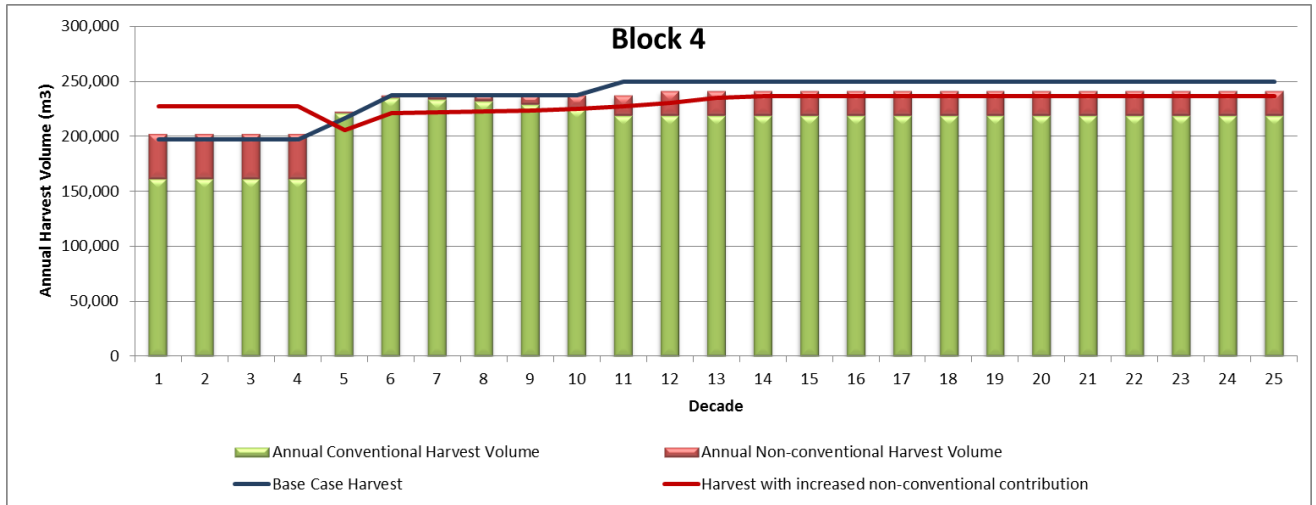


Figure 5 – Block 4 Recommended AAC Harvest levels

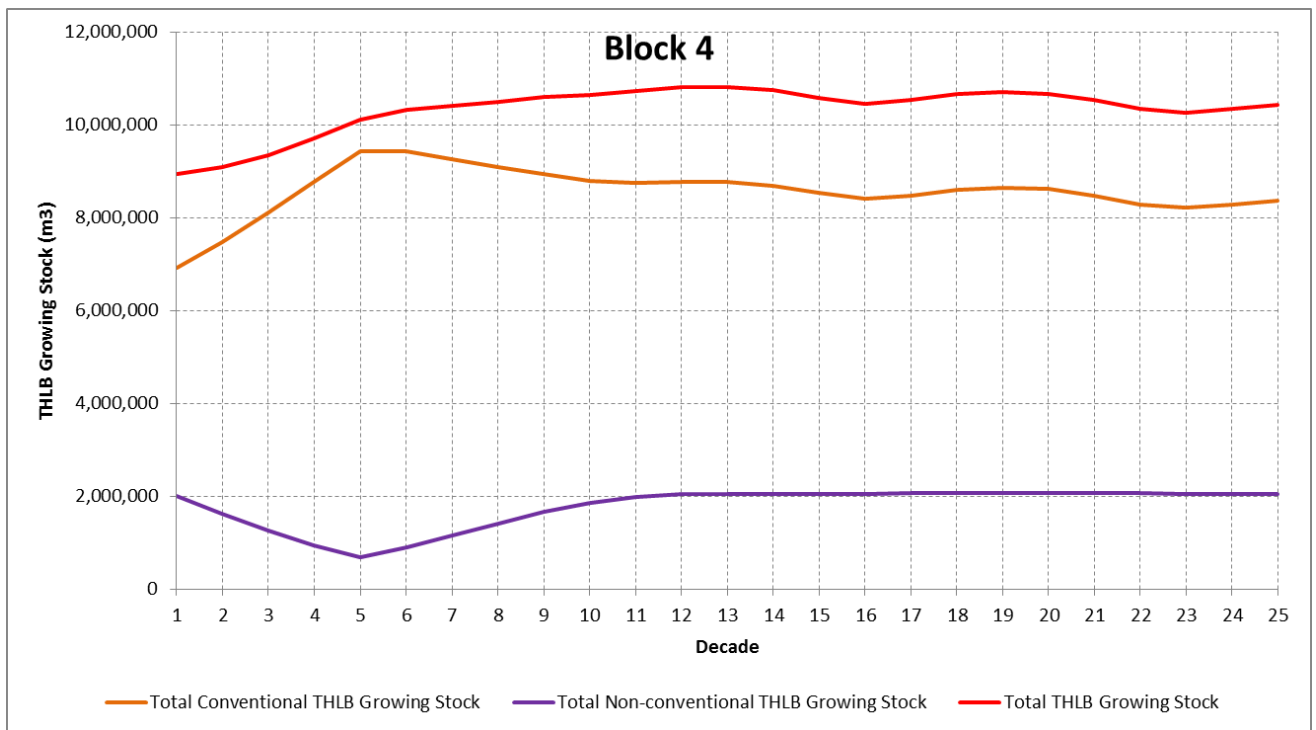


Figure 6 – Block 4 Recommended AAC THLB Growing Stock

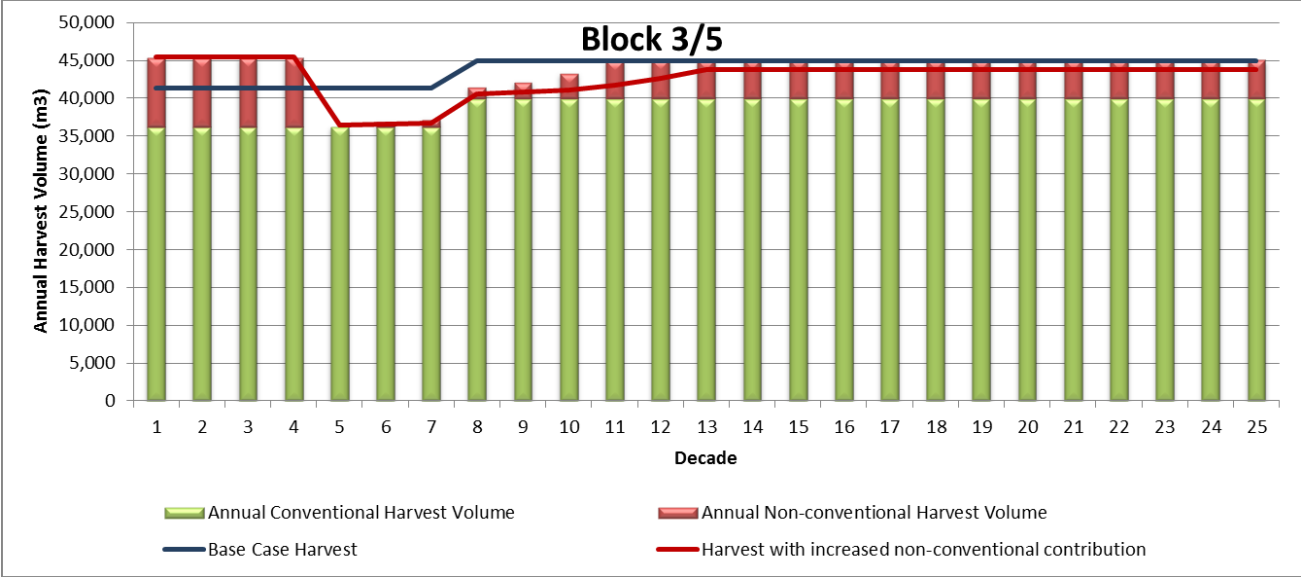


Figure 7 – Blocks 3&5 Recommended AAC Harvest levels

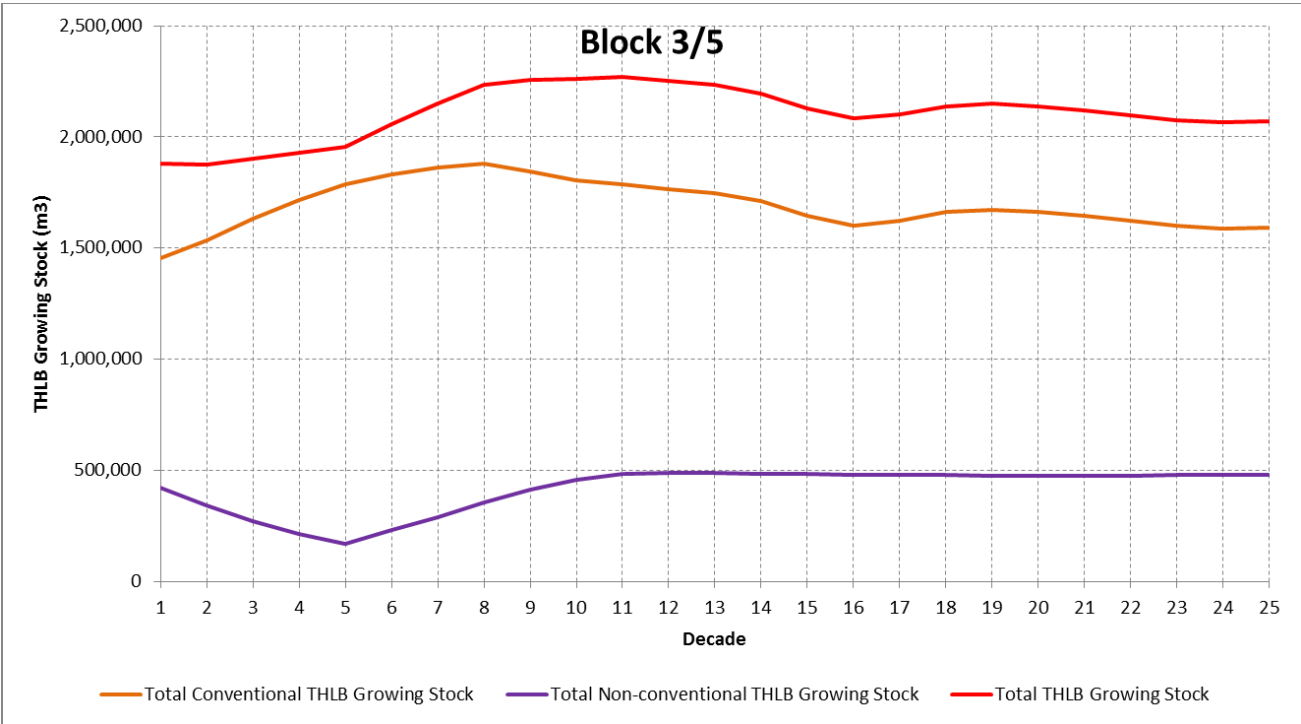


Figure 8 – Blocks 3&5 Recommended AAC THLB Growing Stock

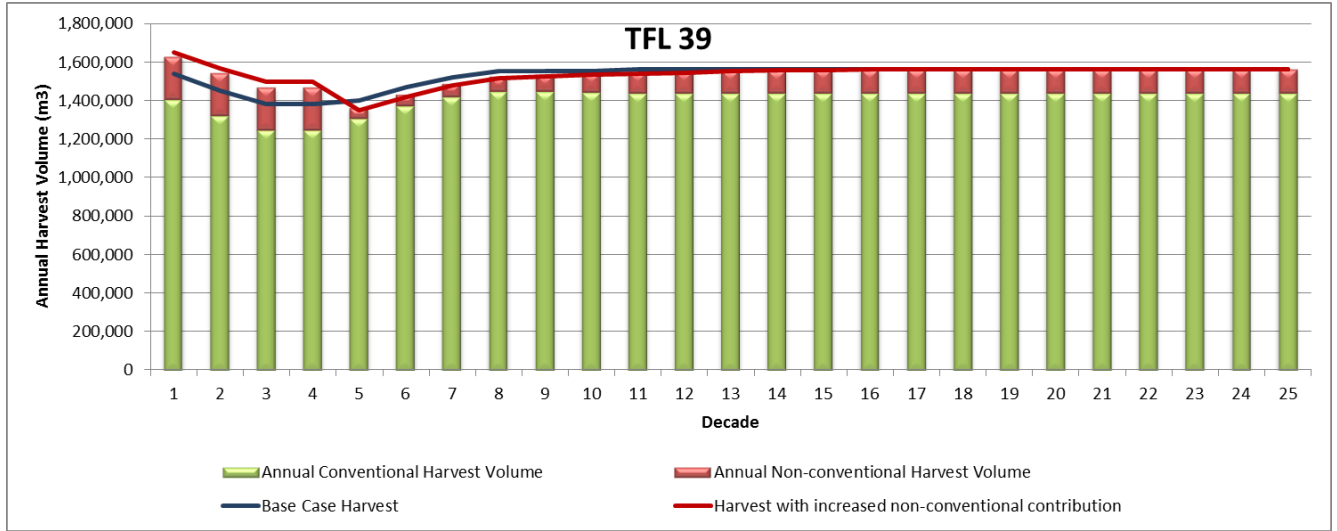


Figure 9 – TFL 39 Recommended AAC Harvest levels

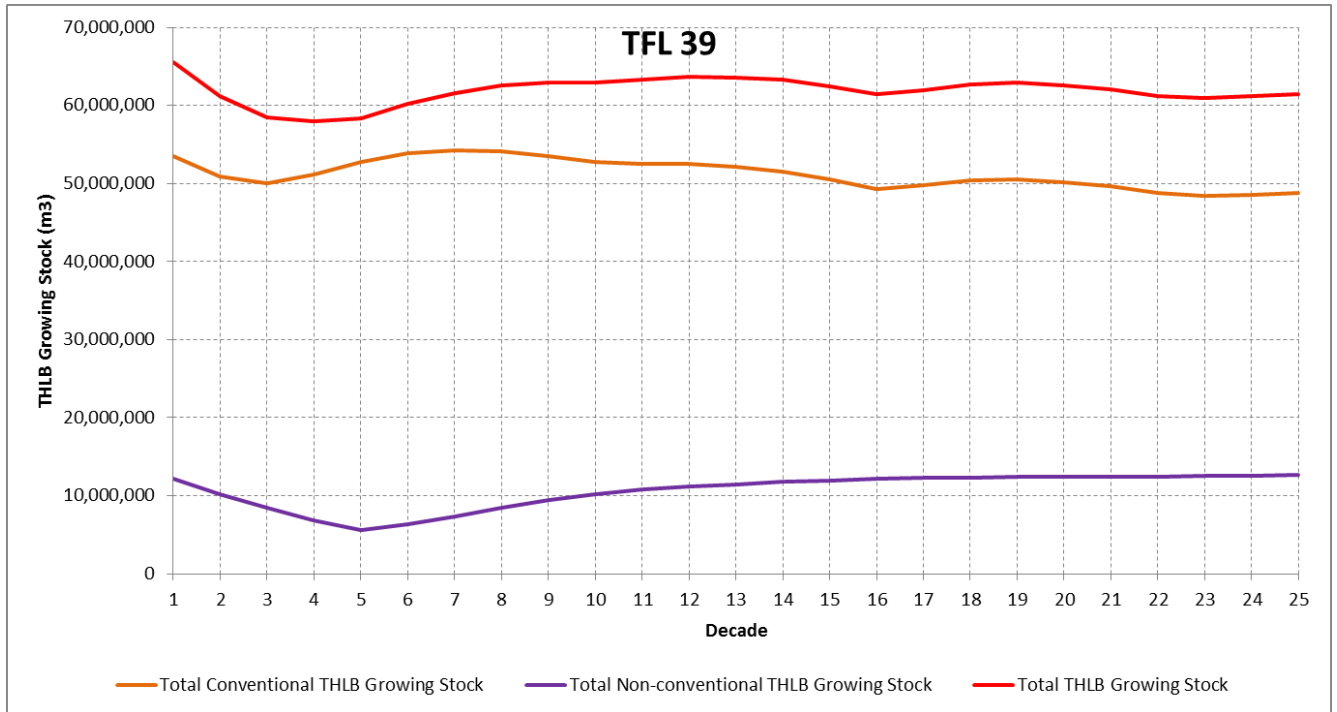


Figure 10 – TFL 39 Recommended AAC THLB Growing Stock

Table 1 – Recommended AAC Harvest Level Contributions by Supply Block and Operability Classification

Period (Decade #)	Start Year	End Year	Block 1			Block 2			Block 4			Block 3/5			TFL 39		
			Conventional	Non- conventional	Total	Conventional	Non- conventional	Total	Conventional	Non- conventional	Total	Conventional	Non- conventional	Total	Conventional	Non- conventional	Total
1	2012	2021	385,300	89,200	474,500	824,300	82,800	907,100	161,000	40,800	201,800	36,300	9,100	45,400	1,406,900	221,900	1,628,800
2	2022	2031	385,300	89,200	474,500	741,900	82,800	824,700	161,000	40,800	201,800	36,300	9,100	45,400	1,324,500	221,900	1,546,400
3	2032	2041	385,300	89,200	474,500	667,700	82,800	750,500	161,000	40,800	201,800	36,300	9,100	45,400	1,250,300	221,900	1,472,200
4	2042	2051	385,300	89,200	474,500	667,700	82,800	750,500	161,000	40,800	201,800	36,300	9,100	45,400	1,250,300	221,900	1,472,200
5	2052	2061	385,300	44,000	429,300	667,700	9,500	677,200	220,400	1,600	222,000	36,300	0	36,300	1,309,700	55,200	1,364,800
6	2062	2071	385,300	48,400	433,700	717,700	10,500	728,200	234,200	2,400	236,600	36,300	700	37,000	1,373,500	62,000	1,435,500
7	2072	2081	385,300	53,300	438,600	767,700	11,500	779,200	233,000	3,600	236,600	36,300	1,000	37,300	1,422,300	69,400	1,491,700
8	2082	2091	385,300	58,600	443,900	793,400	12,700	806,000	231,200	5,400	236,600	40,000	1,500	41,500	1,449,900	78,200	1,528,100
9	2092	2101	385,300	64,500	449,800	793,400	13,900	807,300	228,500	8,100	236,600	40,000	2,200	42,200	1,447,200	88,800	1,535,900
10	2102	2111	385,300	70,900	456,200	793,400	15,300	808,700	224,400	12,200	236,600	40,000	3,300	43,300	1,443,100	101,800	1,544,900
11	2112	2121	385,300	73,800	459,100	793,400	16,900	810,200	218,300	18,300	236,600	40,000	5,000	45,000	1,437,000	114,000	1,551,000
12	2122	2131	385,300	73,800	459,100	793,400	18,600	811,900	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	119,800	1,556,800
13	2132	2141	385,300	73,800	459,100	793,400	20,400	813,800	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	121,700	1,558,700
14	2142	2151	385,300	73,800	459,100	793,400	22,500	815,800	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	123,700	1,560,700
15	2152	2161	385,300	73,800	459,100	793,400	24,700	818,100	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	126,000	1,563,000
16	2162	2171	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
17	2172	2181	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
18	2182	2191	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
19	2192	2201	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
20	2202	2211	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
21	2212	2221	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
22	2222	2231	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
23	2232	2241	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
24	2242	2251	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400
25	2252	2261	385,300	73,800	459,100	793,400	27,200	820,500	218,300	22,400	240,700	40,000	5,100	45,100	1,437,000	128,500	1,565,400

As would be expected the resulting harvest schedules are very similar to the schedules discussed in section 4.9 and Appendix B11 of the TSA report. The most significant difference occurs in Block 4. For Block 4 the initial harvest level in this scenario is closer to the Base Case and as such the resulting schedule more closely resembles the Base Case schedule but with a lower long-term harvest due to the increased short-term harvest levels and maintaining marginally higher long-term THLB inventory levels.

Relative to the Base Case across the entire TFL, the recommended AAC allows higher harvest levels in the short term, marginally reduced mid-term harvest and no impact to long-term harvest level.