



NSC 2017 Winter Conference:

Common Ground: Silvicultural Tools and Tactics for Diverse Ecosystems and Management Goals

February 20-21, 2017

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**Interior Appraisal Manual:
Enhanced Silviculture Cost
Estimate**

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Enhanced Basic Silviculture

- Licensees can use a wide range of approaches to meet silviculture obligations
- Cost estimates in appraisal manual based on a rolling average of reported costs
- Changing management unit objectives may require different silvicultural regimes from current practice
- If new silvicultural regimes are more expensive there is a financial penalty for licensees who implement them



Enhanced Basic Silviculture Williams Late TSA Type 4

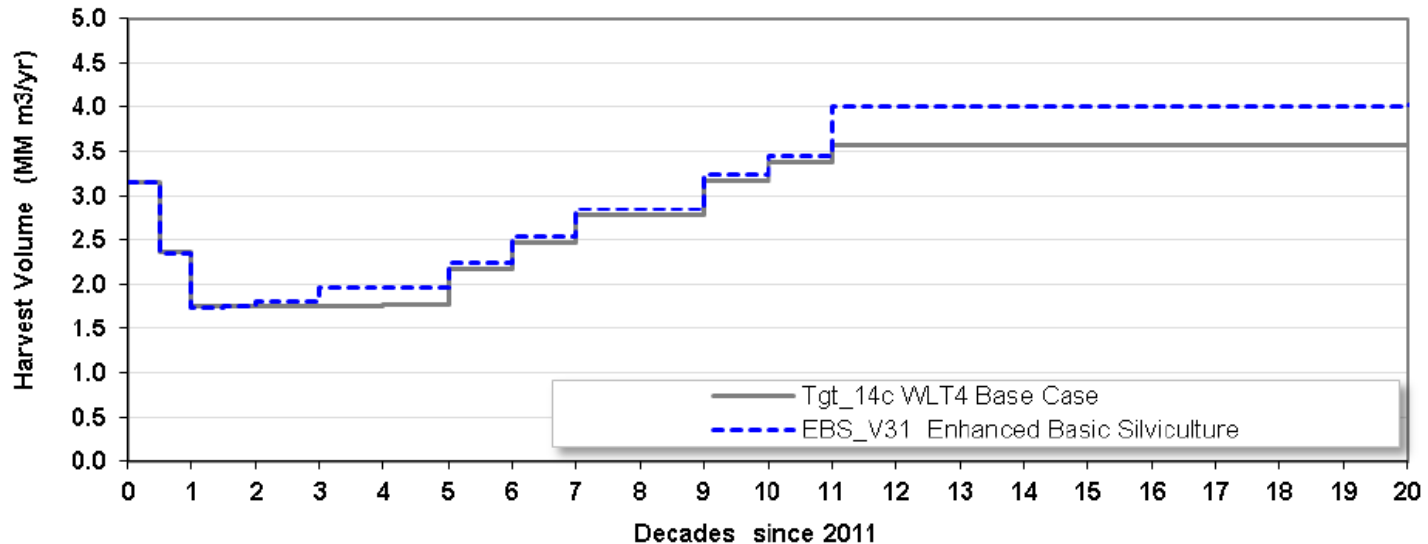


Figure 47 Harvest flow: Base Case compared to enhanced basic silviculture strategy



Enhanced Basic Silviculture

ABCFP Climate change survey identified barriers to adaptation:

- Stocking standards
- No incentive for increased investment

ABCFP July 2014 letter to FLNR

- “Government should look at all opportunities to build economic pathways for stand level investments; within the current appraisal system or through other mechanisms.”



Enhanced Basic Silviculture

“There is no current funding mechanism for increased planting densities; this strategy component is not funded under the Land Base Investment Program. For this reason, this treatment will not be adopted as part of the silviculture strategy until the funding mechanism for it has been determined...”



Enhanced Basic Silviculture

- Amendment to Appraisal manual in development , with aim to be available for July
- Intent is to account for costs associated with higher planting densities
- New stocking standards (or variations to existing stocking standards) flowing from management unit planning processes with objectives and increased establishment densities
 - DM endorsed Type 4 or Integrated Silviculture Strategies
 - TFL management plans
 - DM endorsed silviculture strategies in management units without Type 4 or Integrated Silviculture Strategies
 - District Forest Health Strategies



Enhanced Basic Silviculture

- FSPs to house the new enhanced basic stocking standard that apply at regeneration delay (FPPR 16(3)(a)/44(1)(a)) for enhanced basic silviculture.
- Short regeneration delay period and minimum density at regeneration delay that reflects the planting density needed for enhanced basic (specify minimum planting density)
- Applied in situations and circumstances as specified by licensee in the approved FSP
- Use of enhanced basic stocking standards will allow for an increased silviculture cost estimate in appraisal to account for higher planting densities
- Enhanced basic cost estimate uses difference between average planting density in BEC variant and enhanced densities taken from existing plans together with BCTS cost data

Ministry of **Forests, Lands and
Natural Resource Operations**

