Review of Provincial Forest Management Plan Criteria

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Outline

- Ducks Unlimited project (2017)

- Jurisdictions
  - Ontario
  - Manitoba
  - Saskatchewan
  - Alberta
  - NE - BC
Project Area
Ontario

► Revised tenure system ... 2011
  • Create stability following collapse during recession

► Sustainable Forest License (“business arrangement”)
  • Merge with crown management units
  • Various management arrangements:
    • SFL licensee managed
    • Management company and multiple SFL’s
    • First Nation managed

► Focus ... sustainability...weather economic cycles
Project Area

Management Units in Ontario - April 2015

Year of Phase I or Phase II Implementation

- 2014
- 2013
- 2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002
- 2001
- 2000
- 1999
- 1998
- 1997
- 1996
- 1995
- 1994
- 1993
- 1992
- 1991

Ontario
Ontario

- Context for forest management in Ontario is the *Policy Framework for Sustainable Forests* (1994)
  - Broad direction for forest policy makes forest sustainability the primary objective of forest management
  - Minimize adverse effects on water and wildlife habitat and other values
  - Conserve and enhance the quality of water (*implied that this extends to wetlands*)
Ontario

- Crown Forest Sustainability Act (4 manuals)
  - Forest Management Planning Manual
  - Forest Operations and Silviculture Manual
  - Stand and Site Guide
Ontario

- Wetland Conservation Strategy – 2017-2030
  - Develop and advance *public awareness* of, appreciation for and connection to Ontario’s wetlands,
  - Increase *knowledge* about Ontario’s wetlands, including their status, function and vulnerability,
  - Establish and strengthen *partnerships* to focus and maximize conservation efforts for Ontario’s wetlands, and
  - Develop *policy* approaches and improve policy tools to protect, restore and enhance the quality of Ontario’s wetlands.
Manitoba

- Dominated by two area based tenures - Forest Management License (FML)
  - FML2 – Canadian Kraft Papers Ltd
  - FML3 – LP Canada Ltd
- Embedded quota holder – Spruce Products

- FMP process
  - Two stages
  - Plan receives an Environment Act License
Manitoba
Manitoba

- **Forest Act**: timber administration and pricing; timber tracking and scaling; and enforcement, penalties and offences

- **Forest Use and Management Regulation**: very specific to forest harvesting, fees, permits and penalties

- Under the authority of the Forest Act there are several *guidelines* that direct activities within Provincial forests
Manitoba

- Manitoba’s Submission Guidelines for Twenty Year Forest Management Plans
- Manitoba’s Submission Guidelines for Forest Management Operating Plans
- Pre-Harvest Surveys Guideline*
- Forest Road Management Guideline*
- Forest Management Guideline for Terrestrial Buffers
- Forest Management Guidelines for Riparian Management Areas*
- Manitoba Stream Crossing Guideline for the Protection of Fish and Fish Habitat
Manitoba

- Climate and Green Plan (10/2017)
  - Boreal Wetlands Conservation Policy (12/2019)
Saskatchewan

- Commercial Forest

- Combination of large area based tenures and volume-based:
  - Forest Management Agreement (20 year)
  - Term Supply Licence (10 year)

- FMP requirement
Saskatchewan Timber Supply Areas and Large Forest Product Mills

Legend
- Green Forested Area
- Yellow Non-Commercial Forest Zone
- Pink Government Forest Zone
- Blue Agricultural Forest Zone
- Black Non-Commercial Forest Zone
- Green Forested Area

Key Map
- Non-Commercial Forest Zone
- Government Forest Zone
- Agricultural Forest Zone
- Park and Parks

Saskatchewan Timber Supply Areas and Large Forest Product Mills

Forest Fringe - Timber Harvest Volume

Commercial Forest Zone - Timber Harvest Volume

Saskatchewan

15
Saskatchewan

- The Forest Resources Management Act
  - Overarching Act for all things forest related

- The Forest Resources Management Regulation
  - Enforcement legislation
Saskatchewan

- New regulatory structure

- Saskatchewan Environmental Code
  - Forest Resources Management Act
  - Environmental Management and Protection Act
  - Management and Reduction of Greenhouse Gases Act
  - Environmental Assessment Act

- Contains numerous chapters
Saskatchewan

- Forest Operating Plan chapter

- Forest Management Planning chapter
  - Describes the high level content/processes

- Forest Management Planning Standard
  - Detail planning requirements
  - Strategies to address non-timber values i.e., wetlands and water.
Saskatchewan

- Aquatic Habitat Protection Permits
  - Issued by Forest Service Branch on behalf of Water Security Agency
  - installation, removal, and maintenance of crossings
  - removal of beaver dams
Alberta

- Crown Lands: Green area and White area
- Forest Management Agreements (area)
  - Varied sizes
  - Must maintain FMA programs to meet responsibilities
  - Embedded quota holders (volume)
- Crown Managed Units
  - Quota holders (volume)
- Overlapping with other resource industries
Alberta – FMA’s
Alberta

- Forests Act
  - Timber Management Regulation
- Forest and Prairie Protection Act & regulations
- Water Act
  - Code of Practice for Watercourse Crossings
- *Wetland Policy*
- Timber Harvest Planning and Operating Ground Rules
- Forest Management Herbicide Reference Manual
- Alberta Vegetation Inventory Standard 2.1.1
- Alberta Forest Management Planning Standard
NE British Columbia

- Regions and Districts

- Timber Supply Area
  - Volume based tenures (FL, NRFL)
  - Area based tenures (TFL, WL, CFA, FNWL)

- Forest Nelson District

- Peace District has an active forest industry and O&G

- One main Act for forest industry, FRPA (2002), replaced Code
NE British Columbia
NE British Columbia

Forest and Range Practices Act (2002) - *provides the broad framework for forest management ... 11 resource values:*

- Biodiversity
- Cultural Heritage
- Fish / Riparian
- Forage and Associated Plant Communities
- Recreation
- Resource Features
- Soils
- Timber
- Visual Quality
- Water Quality
- Wildlife
Summary:

- All jurisdictions have mature planning frameworks in place that do require measures for managing riparian areas at the strategic and operational levels.
  - Wetlands are not specifically referenced in all areas

- Wetland protection, whether in a formalized policy or within preliminary discussions, is gradually becoming a requirement of forest management