



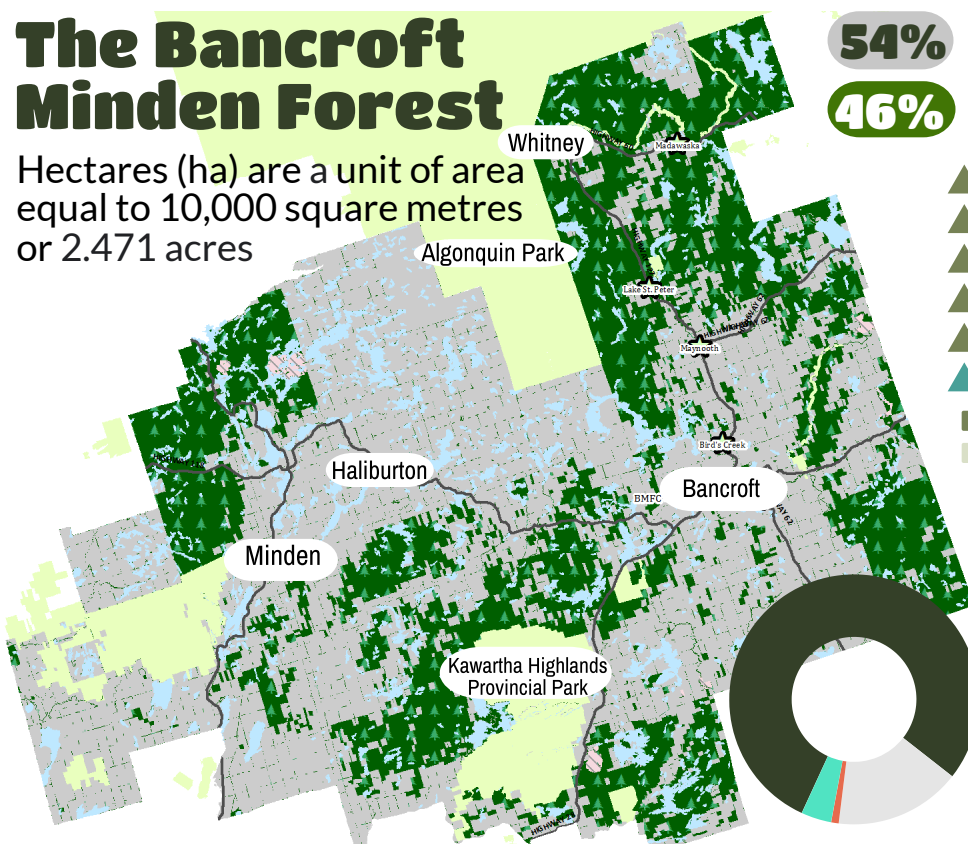
BANCROFT MINDEN FOREST COMPANY Forest Management on Crown Land



The Bancroft Minden Forest Company (BMFC) is a small private company owned and funded by the local forest industry. Our shareholders include 13 logging companies, 9 sawmills and 1 pulp mill. We were staffed and incorporated in 1998 to conduct forest management activities on Crown land. We hold the Sustainable Forest License for the Bancroft Minden Forest Management Unit (FMU) - one of 41 FMUs in Ontario. This license has a 20 year term and is renewed every 10 years by the Minister of Natural Resources, based on the results of an independent audit that evaluates the sustainable management of our forest.

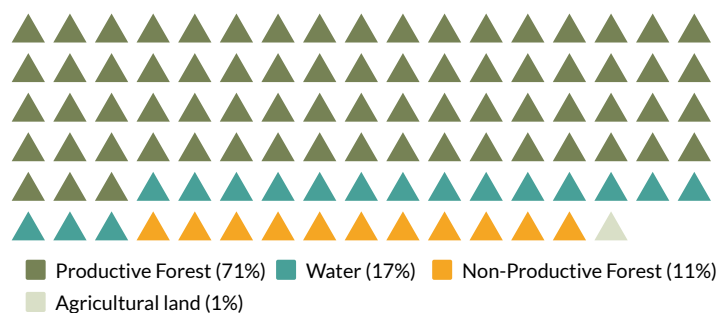
The Bancroft Minden Forest

Hectares (ha) are a unit of area equal to 10,000 square metres or 2.471 acres



54% is Private Land (586,846ha)

46% is Crown Land (461,094ha) - Public Land



Of the Productive Forest (312,000 ha)



- 50,000 ha is in Parks & Conservation Areas
- 3095 ha is below regeneration age
- 399 ha is protected due to inaccessibility
- 240,321 ha is available for timber production

Our Mandate

Plan



Develop a Forest Management Plan (FMP) every 10 years, with a collaborative group that includes a Local Citizens' Committee, First Nations and the Ministry of Natural Resources & Forestry (MNRF). This document details all planned harvest and renewal activities for the 10 year period.

Prepare

Conduct field work and write prescriptions for each operation that outline in detail what will take place.



Renew

All harvest areas are regenerated to standards described in the approved FMP to ensure the future of the forest.



Monitor

Ensure all our operations comply with the FMP & other legislated requirements.



Report

Prepare annual reports for approval by the MNRF, which describe our progress to achieving goals in our FMP.



Since our work is conducted on crown land, FMP information (ie. maps, text, tables) is publicly available at the following government website: https://nrip.mnr.gov.on.ca/s/fmp-online?language=en_US (Type "NRIP" into Google, follow link titled Forest Management Plans Online)



Natural Resources
Information Portal

Sustainable Timber Harvesting



How we harvest

Following the FMP, annual allocations are determined and compliance regulations for sustainable harvest are adhered.

Less than 1% of available area is harvested annually



■ Area Available for Harvest
■ Average Annual Area Harvested

Average annual volume is 150,000 cubic metres of timber. This is 62% of the planned amount and includes areas harvested after natural disturbance.

Actual harvest area has decreased over the past 25 years from 3000ha to 2000ha per year, with the lowest occurring over the last five-year period.



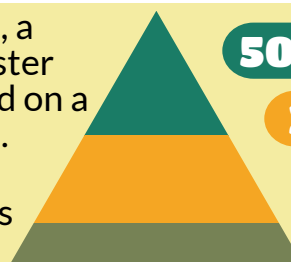
✓ SHELTERWOOD

Mid-shade tolerant species (eg. oak & white pine)
Removes mature timber in a series of cuts to promote regeneration under the shelter of those left.

Mimics: Low level Fires (60yr cycle)
High intensity Fires (150-300yrs)

Regeneration: naturally under protective canopy or assisted with planting/seeding

Before any harvesting is done, a Registered Professional Forester will write a prescription, based on a detailed inventory of the area. There are 3 harvest systems used based on the tree species present.



50% Shelterwood

35% Clearcut

16% Selection

(Based on 2021-2031 FMP)

✓ CLEARCUT

Shade intolerant species (eg. poplar & red pine)

Most trees are removed at one time to allow full light conditions needed for regeneration.

Mimics: Extreme weather events & wildfires

Regeneration: may be natural or assisted with planting/seeding

Tree Marking

Practiced in partial harvest systems: selection and shelterwood. A certified tree marker will review the direction laid out in the Forest Operation Prescription, then mark trees to retain for wildlife value and trees to remove based on health and quality.

A TREE MARKERS RECIPE TO PROVIDE FOR WILDLIFE NEEDS:

10 LARGE CONIFERS PER HECTARE

10 SEED OR NUT PRODUCING TREES PER HECTARE, E.G. OAK

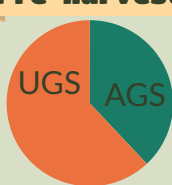
10 LIVING CAVITY TREES PER HECTARE

AT LEAST 1 SUPERCANOPY TREE PER FOUR HECTARES

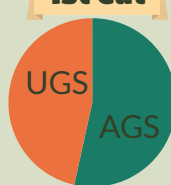
Marking improves stand quality over time:



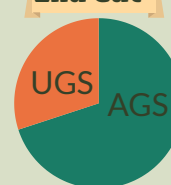
Pre-harvest



1st Cut



2nd Cut



UGS Unacceptable growing stock

AGS Acceptable growing stock

Additional wildlife considerations

There are deer and moose emphasis areas where additional conditions on operations are imposed.

The current FMP also describes 81 Areas of Concern (AOC) prescriptions to protect social, cultural, water and wildlife values.

50 pertain to biological values

Regeneration

94% of harvest is naturally regenerated, with the other 6% artificially assisted by tree planting (primarily red and white pine).



Ontario's Forest Industry



Two trust funds support renewal efforts on the FMU. In the last ten years, 6.3 million has been utilized for renewal and management activities.

Activities include: Intensive red/white pine renewal, control of beech regeneration, seed collection, storage and procurement, tree marking, as well as hardwood tending and stand improvement.

We welcome you to reach out with any questions

www.bmfci.ca



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