

Wood Supply Challenges and Potential Impacts to the Northwest Region

Prepared by:

Burton T. Hennessey, R.P.F.

Forest Sector Investments in Northwestern Ontario

- Ontario's forest sector survived the 2008 economic downturn and has since invested hundreds of millions of dollars to revitalize the industry
 - Invested millions of dollars and created thousands of jobs
- Investments in the Northwest Region forest sector over the last five years resulted in the following:

Atikokan Sawmill Start-up

Atikokan Pellet Mill Start-up

Ear Falls Sawmill Restart

Hornepayne Sawmill Restart

Ignace Sawmill Restart

Kenora Sawmill Restart

Papasay Sawmill Start-up

Thunder Bay Co-Generation Start-up

Thunder Bay Pellet Mill Start-up

Thunder Bay Sawmill Expansion

Thunder Bay TMP-Bio Plant Start-up

White River Sawmill Restart

Current Situation Facing the Forest Sector

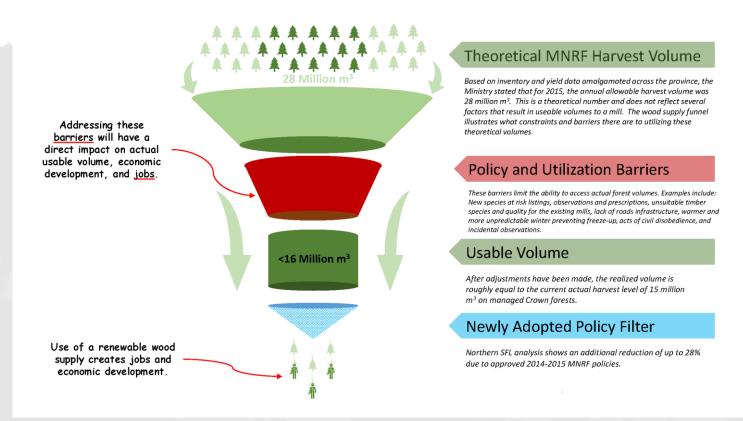
- New policies introduced by the Liberal government causing dramatic decreases in wood supply, including the Endangered Species Act (ESA)
 - Threatens the investments made by the forest sector since its recovery
- Socio-economic impact study conducted by Ministry of Natural Resources and Forestry predicted 4 to 12 mills would close due to wood supply losses
 - Each mill closure has a ripple effect across the Province; a single mill closure cascades into another across the region
- Source: Ontario Ministry of Natural Resources and Forestry Wood Supply and Economic Impact Analysis: Assessment of Caribou Prescription Options defined as part of the CFSA-ESA Integration Project 12/06/2017 (Confidential – For Discussion Purposes, Do Not Distribute)

Economically Sustainable Supply of Wood

- Ontario Forest Accord Advisory Board (OFAAB) established the baseline for permanent, long-term wood supply necessary for the forest industry
 - 11.8 million cubic metres for the Northwest Region
 - Agreed to by the forest industry, government and conservationists
- "Permanent, long-term wood supply necessary for processing to the forest industry will be protected from impacts resulting from any future protected area establishment."
- Source: Room to Grow: Final Report of the Ontario Forest Accord Advisory Board on Implementation of the Accord, March, 2002
 - http://www.ontla.on.ca/library/repository/mon/3000/10302999.pdf

Impacts of New Government Policy on Wood Supply

Why is the Access to Ontario's Renewable Wood Supply Shrinking?



 Source: Ontario Forest Industries Association (OFIA) – Working to Make Ontario's Forest Sector Stronger: A Provincial Strategy, 2018 Pre-Budget Submission http://www.ofia.com/images/OFIA%202018%20Pre-Budget%20Submission.pdf

Contributing Forests and Associated Mills



Predicted Wood Supply and Job Losses

Wood Supply Losses in the

Northwest Region

- Spruce, Pine and Fir Losses
 - 1.26 million m³
- Hardwood Losses
 - 890,000 m³
- Total wood supply loss of 2.15 million m³ could close 6 facilities
 - Job losses could total 875 (5 sawmills and 1 pulp mill)

Resulting Job Losses in the Northwest Region

- Every direct job in a forest resource processing facility generates:
 - 2.33 jobs in the Region
 - 1.73 job in Southern Ontario
- Total job losses = 4,428
 - 875 direct jobs
 - 2,039 indirect jobs
 - 1,514 induced jobs
- Source: Ontario Ministry of Natural Resources and Forestry Minister's Council on Forest Sector Competitiveness – Final Report, May 2005 – http://www.ontla.on.ca/library/repository/mon/11000/253727.pdf

Carbon Implications of the ESA Policy

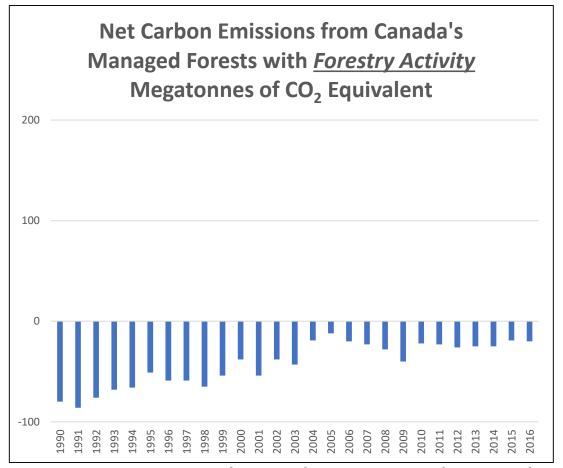
Climate Change

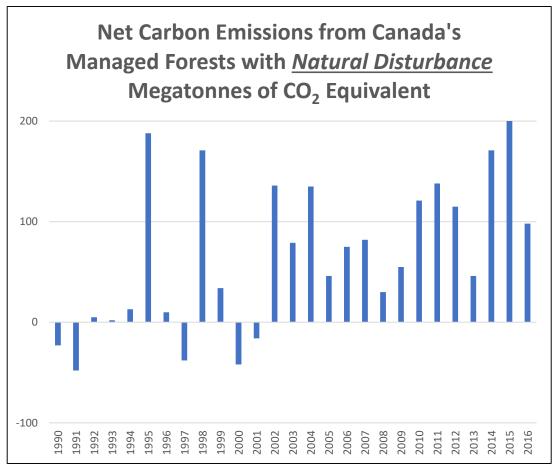
- Sustainable forest management sequesters carbon, reduces impacts of climate change and creates new wildlife habitat
- Large tracks of land deferred from harvest increases the number of wildfires on the landscape, turning Ontario's forests into a source of carbon rather than a sink
- Climate change causes habitat loss and species extinction

Increased Carbon Emissions

- Since 2002, Canada's forests emitted more carbon than they absorbed
- Liberal government implemented a series of polices, including the ESA, that defer large tracks of land from harvest
- Ontario forests are now contributing to climate change and their sustainable management is called into question by Registered Professional Foresters
- Source: Greenpeace http://www.greenpeace.org/eastasia/campaigns/climateenergy/problems/impacts/habitat-loss-and-species-extinction/
- Source: Natural Resources Canada: Carbon Emissions and Removals https://www.nrcan.gc.ca/forests/report/disturbance/16552

Carbon Emissions for Canada's Forests





Negative value indicates a carbon sink while a positive number indicates a carbon source

• Source: CBC News: Canada's forests actually emit more carbon than they absorb — https://www.cbc.ca/news/canada/calgary/canada-forests-carbon-sink-or-source-1.5011490

Decision-Makers on Crown Land

- Registered Professional Foresters are the decision-makers on Crown land in Ontario
 - By law, Registered Professional Foresters must defend the sustainability of their forest management decisions
 - Their professional designation demands the protection of social, economic and environmental values on Crown land in Ontario
- Registered Professional Foresters in the Northwest Region cannot support the deferrals prescribed in the ESA without understanding the impacts
 - Negative impacts on carbon emissions and climate change, the economies of the region and cultural and social values
- <u>Source: Ontario Professional Foresters Association https://opfa.ca/what-foresters-do/</u>

Impacts to Local and Aboriginal Communities

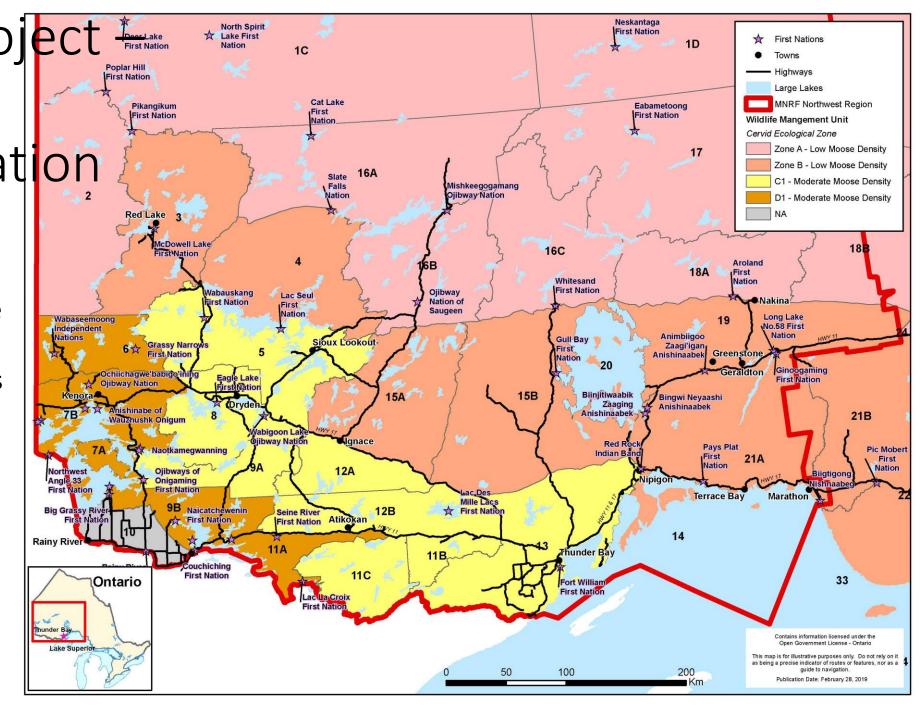
- ESA requires existing and future forest access roads to be decommissioned after harvesting and renewal operations are completed
 - Restricts access to recreational, economic and cultural opportunities
 - Potentially impedes access to Aboriginal communities, trapping cabins and cottages
- Deferrals of large tracks of land negatively impacts moose populations, which is a sustenance food for Aboriginal people
 - Impacting Treaty and Traditional rights and activities
- Provincial policy is actively managing for low population densities of moose
 - Accelerating moose harvest for a short period of time to reduce the number of moose in the Northwest Region
 - Cervid Zones A and B Low moose population density targets
 - Cervid Zones C1 and D1 Low to moderate moose population density targets
- Source: Ontario Ministry of Natural Resources and Forestry Moose Population Management: The Moose Project – https://www.ontario.ca/page/moose-population-management

The Moose Project First Nation Low Moose
Density Population

The Moose Project First Nation Population

Pikangiku
Prikangiku
Prikang

- Zone A While caribou, moose and white-tailed deer live in this zone, the MNRF established a goal to maintain low densities of moose through population and habitat management.
- Zone B Similar to Zone
 A, the MNRF established
 a goal to maintain low to
 moderate density
 population for moose.



Contact Information for Contributors

General Manager	Contact Information	R.P.F. Number
Burton Hennessey, R.P.F.	bthennessey@hmeenterprises.ca	1786
David Legg, R.P.F.	dfmc@shaw.ca	1572
Jack Harrison, R.P.F.	jack.harrison@domtar.com	1568
Joe Ladouceur, R.P.F.	jladouceur@greenmantle.ca	1798
Robert Partridge, R.P.F.	robert.partridge@whitefeatherforest.com	2219
Ryan Murphy, R.P.F.	ryan.murphy@adityabirla.com	2168
Sarah Bros, R.P.F.	sarah.bros@merinforest.com	1374
Scot Rubin, R.P.F.	srubin@hmeenterprises.ca	2262
Shannon Rawn, R.P.F.	shannon.rawn@miisun.ca	1909
Tom Ratz, R.P.F.	tom.ratz@resolute.com	1511