

MANAGED FOREST PLAN

This Managed Forest Plan is for the twenty year period from 2008 01 01 to 2027 12 31 with a detailed management program for the ten year period from 2008 01 01 to 2017 12 31. The Five Year Progress Report must be completed by 2012 07 31 to ensure that appropriate forest management, as outlined in this Managed Forest Plan, is being carried out.

SECTION 1.0: PROPERTY OWNER INFORMATION

1.1 Registered Property Owner

Name: Norvern Shores Association
Address: c/o 362 Tallwood Drive, Orillia, ON, L3V 2G9
Telephone: c/o 705-788-9972 (Brian Harvey)

1.2 Plan Author Information

Name : Duncan Heyblom, R.P.F.
Address : 518 South Waseosa Road, Huntsville, ON P1H 2N5
Telephone : 705-789-8123

SECTION 2.0: PROPERTY LOCATION INFORMATION

2.1 Property Location

District: Muskoka
Township: Town of Huntsville
Lot and Concession: Lots 25 to 28, Concession 4,
Part lots 27 and 28, Concession 5

Assessment Roll Number : 4442.030.008.00500.0000

Assessment Roll Area : 438.2 acres

Managed Forest Area : 322.2 acres

2.2 Federal, Provincial and Local Policies and Regulations

Muskoka Tree Cutting By-law

SECTION 3.0: PROPERTY HISTORY

3.1 Past Activities

“Albert E. Scott purchased the land from the Crown in August 1890. Between the original purchase and 1957 the land passed through various members of the Scott family. In late 1957 early 1958, Northern Lakes Development Company (NLD) based on their option to purchase the land sold lots to over 400 people, most of who lived in the Toronto area. Because the designated lots were too small purchasers were refused permits to build. NLD skipped out with the money leaving the owner of the property without full payment and many angry and disillusioned lot “owners”. In August 1958 the “owners” banded together to form Norvern Shores Association and a Charter under the Corporations Act was granted on January 15th 1959. The Association went on to the purchase the land and the Shareholders in the Corporation became known as Members. The Members lease a 1-acre lot from the Corporation. The leases are a renewable 20-year term being the maximum allowed by the Planning Act. A person wishing to purchase a lot must be approved by the Board of Directors before being granted membership in the Corporation.

During the Associations 50 year history the members have strived to maintain the objectives upon which the Corporation received it’s Charter. The objectives include holding, maintaining and improving the land by recommending and promoting the adoption of such measures, as will improve the lands while being diligent to safeguard, protect, and promote the interests of the members in their land. To this end the maximum number of lots within the Association has been capped at 114. Large tracks of green space have been designated and none of member’s lots are situated directly on the lakefront. Roads and trails have been established and are maintained in order to access member’s lots and the various scenic lookout points, within the Association. Rules have been established to regulate the size and construction of dwellings, the cutting of trees, the protection of the land and to promote peace and tranquility for each and every member.”

3.2 The Surrounding Landscape

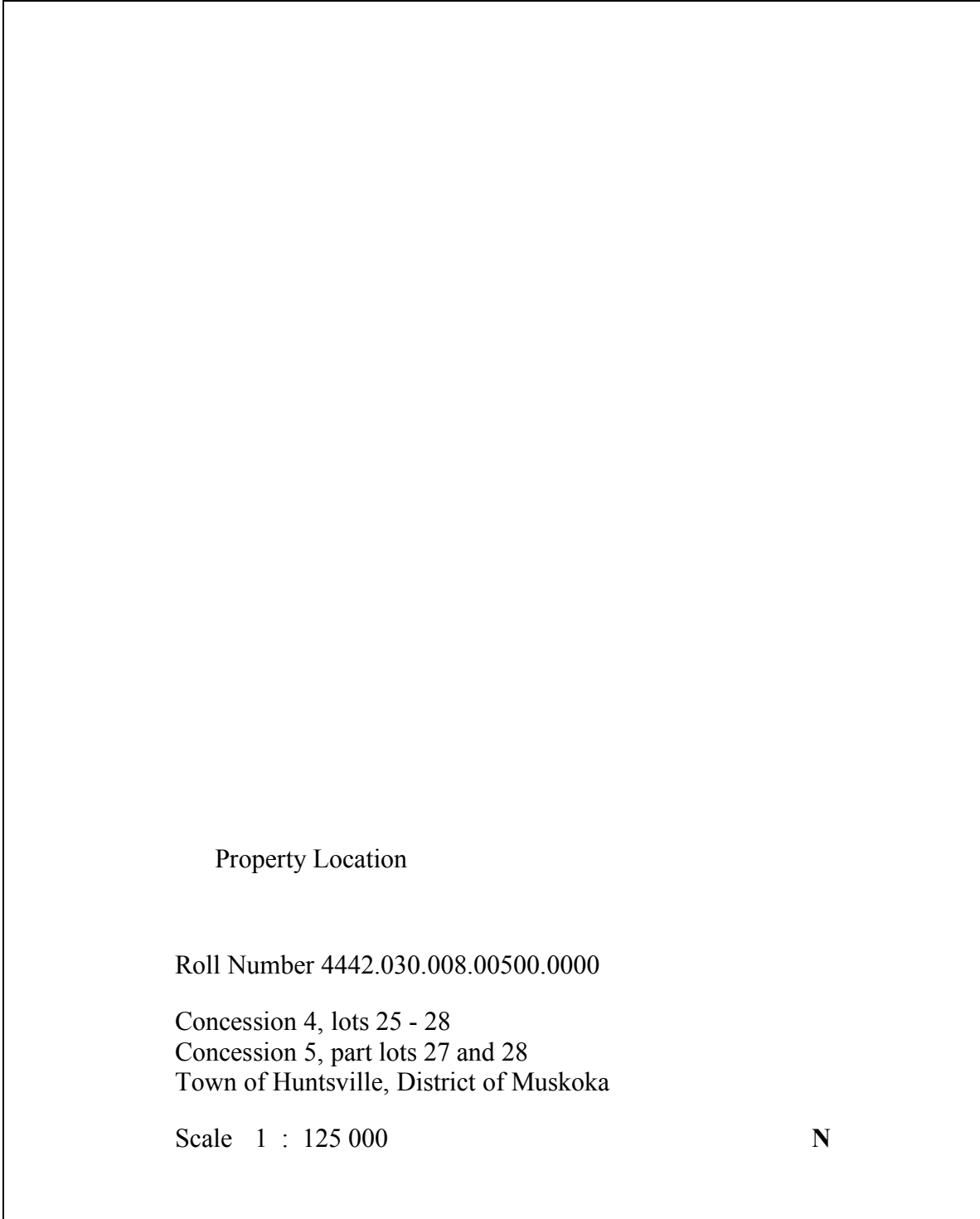
Both Crown and patent lands neighbour Norvern Shores. One of the unique features of this property is the 5650 feet of shoreline adjacent to Lake Vernon.

This forest is important to the surrounding landscape in that it offers a range of diverse conditions for wildlife habitat, recreational opportunities, and local economic development.

SECTION 4.0: PROPERTY MAP AND THE SURROUNDING AREA

4.1 Location of Property

Owner's Name : Norvern Shores Association



Property Location

Roll Number 4442.030.008.00500.0000

Concession 4, lots 25 - 28

Concession 5, part lots 27 and 28

Town of Huntsville, District of Muskoka

Scale 1 : 125 000

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4.2 Detailed Map of Property

Norvern Shores Association

Concession 4, lots 25 – 28 and Concession 5, part lots 27 and 28

Town of Huntsville, District of Muskoka

Roll Number 4442.030.008.00500.0000

Total Area is 438.2 acres

Eligible area (322.2 acres)

Ineligible area (116 acres)

Scale 11 cm = 1 km

SECTION 5.0 : LANDOWNER OBJECTIVES

5.1 General Objectives

<u>Rank</u>	<u>Management Objectives</u>	<u>Priority</u>
1	Maintain a healthy forest	High
2	Recreation	Moderate
3	Wildlife habitat	Moderate
4	Timber products	Moderate

5.2 Explanation of Objectives

Objective One

To maintain a Healthy Forest

Explanation of Objective One

Maintain a healthy forest that satisfies the needs of timber production, wildlife habitat, aesthetics, recreation, soil and water resources and other social and environmental elements, through the implementation of proper forest stewardship.

Objective Two

To provide an opportunity for recreation

Explanation of Objective Two

Provide a varied and pleasing environment to explore and enjoy on a network of private roads and lookout points. This will be accomplished by maintaining the roads and rest spots throughout the property to provide a place to relax, cross-country ski, snowshoe, hike, and travel on snowmachines or ATVs.

Objective Three

To maintain conditions that will allow for healthy wildlife habitat

Explanation of Objective Three

Ensure that any management activities undertaken do not hinder the growth of a healthy, diverse forest. A component of cavity trees and downed woody debris will be left on site

to allow for natural habitat of a variety of wildlife species. Enhance the habitat conditions as deemed necessary.

Objective Four

To harvest firewood on a sustainable basis

Explanation of Objective Four

Take advantage of economic opportunity provided in the process of maintaining the forest in a healthy state. This will be accomplished through management planning that will identify forest management needs and prescribing operations necessary to enhance the forest area. Consult with a Registered Professional Forester or certified tree marker when establishing a forest management program.

5.3 Strategy For Plan Implementation

The directors of Norvern Shores Association have hired a professional forester to prepare this management document. They may hire a certified tree marker or professional forester to mark trees eligible for removal for firewood use. Members of the Association harvest firewood.

Some members of the Association have attended woodlot management seminars. They are familiar with basic forest management principals and have an understanding of processes required to maintain a healthy forest environment that is suitable for recreation, wildlife habitat and timber products. A forester will be contacted if any woodlot health concerns are noted.

The Association contracts a local company to maintain the road network. There are a number of lookout points and recreational areas that are maintained and used by members of the Association.

SECTION 6.0: DETAILED PROPERTY MAP – FOREST COMPARTMENTS



Scale : 1 :

N

SECTION 6.0: DETAILED PROPERTY MAP – FOREST COMPARTMENTS

Norvern Shores Association

Concession 4, lots 25 – 28 and Concession 5, part lots 27 and 28

Town of Huntsville, District of Muskoka

Roll Number 4442.030.008.00500.0000

Total Area is 438.2 acres

TABLE 6.0: LIST OF FOREST COMPARTMENTS

Compartment Name and Number		Compartment Eligible?	Residence in Compartment ?	Open Area > 1 ha?	Compartment Area
Number	Name	(yes / no)	(yes / no)	(yes / no)	(acres)
1	upland hardwood	yes	yes	no	404.2
2	treed wetland	yes	no	no	34.0

SECTION 7.5 : WILDLIFE HABITAT

Habitat Features

Description

Standing Dead Trees:	present in compartments 1, 2 various sizes and species
Cavity Trees:	present in compartments 1, 2 various sizes
Stick Nests:	none detected during inventory cruise
Fallen Trees:	present in compartments 1, 2 various sizes and species
Mast Trees:	beechn, red oak, black cherry
Super Canopy Trees:	white pine in compartment 1
Conifer Thickets:	hemlock patches in compartment 1, all of compartment 2
Other Food Sources:	various forest berries
Surface Water – permanent :	none
- intermittent streams :	present in compartments 1, 2
- seasonal ponds :	seasonal flooding in compartment 2
Dens or Dug Holes:	chipmunk and fox holes

Wildlife Species Noted

Wild Turkeys, Deer, Moose, Bear, Martins, Red Fox, Wolves, Skunk, Porcupine, Raccoon, Rabbits, Grouse, Pheasants, Canada Geese, Squirrels and Chipmunks, a large variety of Birds including the Pileated Woodpecker

SECTION 7.6 : SPECIFIC COMPARTMENT OBJECTIVES

AND APPROPRIATE MANAGEMENT ACTIVITIES

Long Term Management Objectives

Compartments 1 and 2 – Maintain a healthy and sustainable forest suitable for recreation, wildlife habitat and timber products

Short Term Management Activities (ten years)

Compartment 1 – Maintain the road network to facilitate recreational activities, forest monitoring and extraction of firewood.

Compartment 2 - Ensure that there are a variety of wildlife habitat conditions, including standing dead trees, cavity trees and downed woody debris.

SECTION 8.0: TEN-YEAR ACTIVITY SUMMARY (2008 – 2017)

Comp	Objectives	Activity	Measure	Year
1, 2	Maintain as a healthy forest	<p>Do not undertake any management activity that will harm the forest or its environment.</p> <p>Monitor the forest each season to check for evidence of insect infestation, windthrow, etc that may effect the health of the forest. Contact local forestry professionals if any problems are detected.</p>		Annual
1, 2	Wildlife habitat	<p>Ensure that a variety of natural wildlife conditions exist throughout the forest. These include standing dead trees, cavity trees, woody debris on the ground, etc.</p>		Annual
1	Recreation	<p>Maintain the road system, recreational beach area and lookout points. Use the roads for hiking, snowshoeing, cross-country skiing, ATVing, etc.</p>	7.2 kms of road	Annual
1	Timber products	<p>Identify and cut declining trees to use as firewood for members of the Association.</p>	Approximately 275 face cords	Annual

SECTION 10 : CONTACTS, NOTES AND REFERENCES

A Silvicultural Guide for the Tolerant Hardwood Forest in Ontario. Version 1.1, OMNR Technical Series, Queen's Printer, 1998.

A Tree Marking Guide for the Tolerant Hardwood Working Group in Ontario. OMNR Technical Series, Queen's Printer, 1993.

Fish and Wildlife Habitat Management. Agriculture and Agri-Food Canada Publication, 1996.

Precious Values. A Report by the Colloquium on Non-Commercial Forest Values. OMNR, 1994.

Wildwood, A Forest for the Future. Merv Wilkinson and Ruth Loomis. Gabriola, B.C., 1990.

Duncan Heyblom – forester, author of the management plan
Ontario Forestry Association

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TREE SPECIES ABBREVIATIONS and DEFINITIONS

Ab	black ash	Ae	American elm
Aw	white ash	Be	beech
Bd	basswood	Bf	balsam fir
Bw	white birch	By	yellow birch
Cb	black cherry	Ce	cedar
Cp	pin cherry	He	hemlock
Iw	ironwood	Mh	hard maple
Ms	soft maple	OC	other conifer
OCH	other conifer and hardwood	OH	other hardwood
Or	red oak	Ow	white oak
Po	poplar	Pj	jack pine
Pr	red pine	Ps	scots pine
Pw	white pine	Sb	black spruce
Sr	red spruce	Sw	white spruce

AGS (acceptable growing stock) – Trees suitable for retention in the compartment for at least one cutting cycle (15 – 20 years). They are trees of commercial species and of such form and quality as to be salable for sawlog products at some future date.

UGS (unacceptable growing stock) – These trees do not have the potential to make salable sawtimber products in the future, but may have merchantable products now. They may be high risk trees – trees with disease, damage, or dieback that threatens their survival.

DBH – diameter of a tree at breast height.

Basal area – *Of a Tree:* The area in square metres of the cross section at breast height of the stem. *Of a Forest:* The area in square metres per hectare of the cross section at breast height of all the trees.

Polewood – A tree between a sapling and small sized timber.