

THE REGIONAL MUNICIPALITY OF HALDIMAND-NORFOLK

BY-LAW NO. 15-00

BEING A BY-LAW TO RESTRICT AND
REGULATE THE DESTRUCTION OF TREES BY
CUTTING, BURNING, OR OTHER MEANS AND
TO REPEAL BY-LAW NO. 143-90.

WHEREAS Section 11 of the Forestry Act, R.S.O. 1990, Chapter F.26, as amended, authorizes the Council of the Regional Municipality to pass by-laws:

- a) restricting and regulating the destruction of trees by cutting, burning or other means in woodlands of a size specified;
- b) providing for the appointment of officers to enforce the provisions of any by-law passed under this section; and
- c) providing for a process to authorize minor exceptions from the by-law in respect of such trees as, in its opinion, is desirable for the appropriate development or use of the land on which the trees are situate, if the general intent and purpose of the by-law is maintained.

AND WHEREAS it is deemed necessary to preserve and improve the woodlands in the Regional Municipality of Haldimand-Norfolk for the purposes of the production of wood and wood products, provisions of proper environmental conditions to maintain and enhance forest integrity and wildlife habitat, protection against floods and soil erosion, recreation, and the protection of water supplies.

NOW THEREFORE the Council of the Regional Municipality of Haldimand-Norfolk enacts as follows:

DEFINITIONS

1. For the purposes of this By-law:
 - a) "Agricultural Use" means the commercial production of crops or raising of livestock for human use and includes cultivating, seeding, harvesting as part of a conventional rotational cycle;
 - b) "AGS" or "Acceptable Growing Stock" means trees suitable for retention in a Woodlands for at least one cutting cycle (10 to 25 years). They are trees of commercial species and of such form and quality as to be salable for sawlog products at some future date;

- c) **"Basal Area" and "Individual Basal Area"** means the horizontal cross-sectional area of the stem or trunk taken at the point of measurement of Diameter at Breast Height, (DBH);
- d) **"Building Permit"** means a building permit issued under the *Building Code Act, 1992, S.O. c. 23, as amended*;
- e) **"Business Days"** means any day falling on or between Monday and Friday of each week but does not include New Year's Day, Good Friday, Easter Monday, Victoria Day, Canada Day, Civic Holiday, Labour Day, Thanksgiving Day, Remembrance Day, Christmas Day, Boxing Day;
- f) **"Circumference"** means the measurement of the perimeter or outer boundary of the stem or trunk of a tree with such measurement including the bark of the stem or trunk;
- g) **"Clerk"** means the Clerk of the Regional Municipality of Haldimand-Norfolk or his or her designate;
- h) **"Committee"** means a standing committee of the Regional Municipality of Haldimand-Norfolk;
- i) **"Conifer Plantation"** is a Woodlands where coniferous trees have been planted or seeded in a pre-determined pattern.
- j) **"Corridor"** means a break in the forest cover or forest canopy, which includes but is not limited to treed windbreaks, rights-of-way or natural open spaces;
- k) **"Council"** means the Council of the Regional Municipality of Haldimand-Norfolk;
- l) **"Destroy"** means any action which causes or results in the irreversible injury or death of a tree;
- m) **"Diameter"** means the diameter of the stem of a tree measured outside the bark when measured at a specified point of measurement;
- n) **"Diameter at Breast Height" or "DBH"** means the average diameter of the stem outside the bark of a tree measured at a point of measurement that is 1.37 metres above the highest point of the ground at the base of the stem or trunk of the tree;

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- o) **“Drip Line”** means an imaginary line running directly beneath the outermost branches of the trees forming the perimeter of the Woodlands;
- p) **“Forest Stand”** means that part of the Woodlands that is a contiguous group of trees sufficiently uniform in species composition, arrangement of age classes and condition to be homogeneous and distinguishable unit for forestry management purposes;
- q) **“Fuelwood”** means trees or parts thereof that are sufficient size and quality to yield firewood.
- r) **“Good Forestry Practice”** means the proper implementation of harvest, renewal and maintenance activities known to be appropriate for the forest and appropriate for the forest and environmental conditions under which they are being applied and that minimize detriments to forest values including significant ecosystems, important fish and wildlife habitat, soil and water quality and quantity, forest productivity and health and the aesthetics and recreational opportunities of the landscape.

“Good Forestry Practice” may include;

- i) the retention of dead trees and snag trees in the Woodlands which provide for essential habitat for wildlife or otherwise support sustainability; and
- ii) the appropriate use of machinery and equipment and timing of operations in the Woodlands in a manner consistent with soil and climatic conditions; and
- iii) the harvesting of trees of a prescribed species approved for harvesting by a “Tree Marker”;

Without limiting the generality of the foregoing, good forestry practice must meet or exceed the recommendations of those publications set out in Schedule “C” within this By-law.

- s) **“Harvest”** means the removal of a tree or trees by cutting or other means which results in irreversible injury or death of a tree by design;
- t) **“Landing”** means the place to which logs are yarded and stored pending loading and transport to a processing facility;

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- u) **"Log"** means a portion of a tree of a prescribed species reduced to a length suitable for processing in a portable sawmill or for loading on a truck for transport to a processing mill such as a sawmill;
- v) **"Logger"** means an individual or company or similar group who cuts trees for purchase, sale or other profit, on behalf of a landowner;
- w) **"Mixedwood Stand"** means a stand of trees having predominantly, but not necessarily, deciduous species mixed with coniferous species. Includes forest stands or woodlands;
- x) **"Own Use"** in subsection 5 (b) and 7 (a) (i) of this By-law do not include the sale, exchange or other disposition of the tree that is destroyed or harvested;
- y) **"Owner"** means a person having any right, title, interest or equity in land;
- z) **"Person"** includes, but is not limited to an individual, partnership or corporation;
- aa) **"Plantation"** is a Woodlands where trees have been planted or seeded in a pre-determined pattern.
- bb)
 - i) **"Point of Measurement"** means that point on the tree trunk measured above the highest point of the ground in an undisturbed state at the base of the tree;
 - ii) in the case of **"Coppice or Clump Growth"**, where the point of fusion occurs at or above 0.70 metres, the coppice or clump growth shall be deemed a single tree and **"Point of Measurement"** shall mean the point on the stem or trunk measured above the highest point of the ground in an undisturbed state; or
 - iii) in the case of **"Coppice or Clump Growth"**, where more than one tree stem grows from a single tree stump the point of measurement shall be at the point on the tree trunk where the tree stems separate, provided that such point of separation is less than 0.70 metres from the highest point of the ground in an undisturbed state at the base of the tree;
- cc) **"Prescribed Species"** means the species of trees as listed in Schedule "A" of this By-law;

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- dd) **"Roadway"** shall include an opened improved provincial or municipal road;
- ee) **"Significant Biotic Areas"** are Woodlands enrolled in the Conservation Land Tax Incentive Program;
- ff) **"Silviculture"** means a tree management process which implements good forestry practices to control the establishment, composition, health, quality, and growth of vegetation for the purpose of meeting defined management objectives;
- gg) **"Skid Trail"** means a path created by dragging logs to a landing;
- hh) **"Stand Improvement"** means the destruction or harvesting of;
 - i) trees that have been damaged by disease, insects, wind, ice, fire, lightning, or other natural causes to an extent that the health of such trees is likely to further deteriorate;
 - ii) diseased or insect infested trees that should be cut or removed to prevent disease or insects from spreading to other trees;
 - iii) exotic species, or trees not indigenous to the municipality, if such destruction is carried out in such a manner as to encourage replacement of exotics by indigenous species. Excluding *Pinus* and *Picea* species.
- ii) **"Stump Mark"** means a mark made with paint at the base of the tree below the saw line and extending to the ground;
- jj) **"Tree"** means any species of woody plant which has reached or can reach a height of at least 5 metres at physiological maturity;
- kk) **"Tree Marker"** is an individual who has demonstrated to the Regional Municipality of Haldimand-Norfolk Forest Conservation Service the ability to apply good forestry practices. These individuals are categorized into two categories;
 - i) Independent Tree Marker is an individual who has met the requirements to apply good forestry practice tree marking and has no economic ties to any logger or processors of timber products.

- ii) Commercial Tree Marker is an individual who has met the requirements to apply good forestry practice tree marking and is employed directly by a logger or a processor of timber products.
- ll) “UGS” or “Unacceptable Growing Stock” means trees that do not have the potential to make salable saw timber products in the future, but may have merchantable products now;
- mm) “Understorey” means the trees and other woody species growing under the canopies of larger adjacent trees and other woody growth;
- nn) “Watercourse” means a natural or man-made watercourse containing flowing water at least part of the year;
- oo) “Wildlife” means any species of amphibian, bird, fish, mammal, and reptile found in the wild, living unrestrained or free-roaming and not domesticated;
- pp) “Woodlands” means any area of land, 0.2 hectares in size or larger, within the boundaries of the Regional Municipality of Haldimand-Norfolk, having a density not less than:
 - i) 1,000 trees, of any size, per hectare,
 - ii) 750 trees, measuring over five centimetres in diameter, per hectare,
 - iii) 500 trees, measuring over 12 centimetres in diameter, per hectare,
 - iv) 250 trees, measuring over 20 centimetres in diameter, per hectare,

but shall not include a cultivated fruit or nut orchard or a plantation established for the purpose of producing Christmas trees.

Woodlands shall include the area up to the drip line of the Woodlands and any corridors measuring up to and including 30 metres in width.

PART I - RESTRICTIONS AND REGULATIONS

2. Except as provided in section 5 of this By-law, no person shall personally, or through another person, destroy or harvest or cause to be destroyed or harvested a tree of a prescribed species that is located in a Woodlands.
3. When destroying or harvesting a tree in a Woodlands, no person shall:

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- a) damage any tree of a prescribed species during the course of destruction or harvesting that is to remain standing in the Woodlands; or
- b) employ a vehicle, machinery or equipment or conduct their operations in such a manner or at such a time that results in excessive damage to the soil, wetlands or other portions of the Woodland; or
- c) employ a vehicle, machinery or equipment or conduct operations in a manner or at a time, that results in the leaving of any part of a tree in a watercourse; or
- d) drag, carry or convey a felled tree, or a portion thereof, including the top of the tree, in a Woodlands, if the felled tree, or a portion thereof, exceeds;
 - i) in length 11 metres; and
 - ii) in width the width of the vehicle that is dragging, carrying or conveying the felled tree, or portion thereof;

Unless:

- (A) the felled tree or portion thereof is dragged, carried or conveyed in a conifer plantation and is intended for use as house timbers or a utility pole; or
- (B) prior to the destruction or harvesting, the main skid trails have been clearly delineated to limit skidding damage; or
- e) destroy a tree through harvesting;
 - i) below 15 centimetres on the stem or trunk of the tree, measured above the highest point of the ground in an undisturbed state at the base of the tree; and
 - ii) below the stump mark.

Unless:

- (A) inspected by the Forest Conservation By-law Officer; or

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- f) leave a tree top, which can be safely trimmed and is not scheduled for fuelwood processing, higher than 3.5 metres from the ground to the highest branch.

- 4. Section 3 of this By-law shall not apply to a person or logger as set out in subsections (f) through (h) of section 5 of this By-law.

PART II - EXCEPTIONS

- 5. A person may destroy or harvest a tree of a prescribed species that is located in a Woodlands, if:

- a) the circumference of the stem or trunk of the tree, at the prescribed point of measurement, equals or exceeds the circumference as prescribed for the species in Schedule "A" of this By-law or the destruction or harvest of the tree of the prescribed species constitutes a stand improvement as defined under this By-law, so long as;
 - i) the destruction or harvest of the tree of the prescribed species will not reduce the basal area of all prescribed species in the forest stand, which measure 24 centimeters or more in DBH, to below 14 square meters per hectare, as assessed using the criteria referenced in Schedule "B"; and
 - ii) the destruction or harvest of the tree of the prescribed species will not reduce the number of trees to below the minimum number of trees necessary to constitute a Woodlands; and
 - iii) the person has been the owner of the land for at least two years prior to the date of the destruction or harvesting; and
 - iv) the person has abided by the requirements of Part IV of this By-law; or
- b) the person destroys or harvests the tree for the person's own use; or
- c) i) the person destroys or harvests the tree of a prescribed species in accordance with good forestry practice; and

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- ii) the person has abided by the requirements of Part IV of this By-law;
or
- d)
 - i) the person destroys or harvests the tree of a prescribed species located in a conifer plantation in accordance with good forestry practice; and
 - ii) the person has abided by the requirements of Part IV of this By-law;
or
- e)
 - i) the person destroys or harvests the tree of a prescribed species located in a significant biotic area in accordance with good forestry practice;
and
 - ii) the person has abided by the requirements of Part IV of this By-law;
or
- f) the person destroys or harvests the tree of a prescribed species because the tree is a hazard to public safety or is a hazard to any building, structure or utility service located within the Woodlands; or
- g)
 - i) the person destroys or harvests the tree of a prescribed species in order to erect a building, structure or thing in respect of which a building permit has been issued by a chief building official provided no tree of a prescribed species is destroyed or harvested more than 15 metres from the outer edge of the building, structure or thing; or
 - ii) the person destroys or harvests the tree of a prescribed species in order to install and provide utilities to the construction or use of the building, structure or thing in respect of which a building permit has been issued by a chief building official; or
 - iii) the person destroys or harvests the tree of a prescribed species in order to install and provide utilities to provide a single lane driveway for vehicular access to the building, structure or thing in respect of which a building permit has been issued; or
- h) the person is the Regional Municipality of Haldimand-Norfolk, an area municipality, or an employee or agent thereof, acting under authority granted by their respective Council; or

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- i) the person has obtained a minor exception from Council as issued under Part III of this By-law to destroys or harvests the tree of a prescribed species.

PART III - MINOR EXCEPTIONS

- 6.
 - a) The owner of the land where a Woodlands is located, or any person authorized in writing by such owner, may apply to the Clerk for a minor exception to Part I of this By-law and the Clerk shall grant the application for the minor exception provided that there have been no objections filed with the Clerk and the general purpose and intent of this By-law is maintained.
 - b) Applications for a minor exception under subsection (a) of this section shall be in form as prescribed by Council and shall be submitted to the Clerk along with such fee as is prescribed by resolution of Council.
 - c) Any person who has made an application for a minor exception shall erect and display a public notice regarding the minor exception application at the entrance at the adjoining roadway to the land where the minor exception is being sought in a position that is clear and visible to all persons, and such sign shall be in the format as prescribed by Council.

The sign required under this section shall be posted at least 15 business days prior to consideration of the application.

- d) At least 15 business days prior to consideration of the application for a minor exception under subsection (a) of this section, the Clerk shall send, by regular mail, written notice to the applicant in subsection (a) of this section and all assessed owners of each parcel of land that abuts the applicant's land for which a minor exception is being sought under this By-law and to such other owners, agencies or individuals as prescribed by Council. Such written notice shall include;
 - i) the name and address of the owner who has made the application for a minor exception or on whose behalf the application has been made;
 - ii) a description of the land of the owner in respect of which the application has been made;
 - iii) a description of the nature and extent of the trees on such land;

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- iv) a description of the purpose, nature and extent of the minor exception for which application has been made;
 - v) a description of the process by which objections can be filed in regards to the minor exception application; and
 - vi) the date, time and location of the Committee meeting where the application for the minor exception will be considered, should objections be filed.
- e) The Committee shall hear in person, or by counsel or agent, from all persons who wish to speak to the minor exception application for which objections have been received and the Committee shall deal with the minor exception application in the normal course.
 - f) When granting an application for a minor exception under subsection (a) of this section, Council may include terms or conditions to the approval of the minor exception.

PART IV - NOTICE OF INTENT TO DESTROY TREES

- 7.
 - a) The owner of land who intends to destroy, harvest or allow the destruction or harvesting of a tree of a prescribed species in the owner's Woodlands under the exception in Section 5, subsections (a), (c), (d), or (e) of this By-law shall give notice to the Clerk no fewer than 5 days, excluding statutory holidays, prior to the destruction or harvesting, or annually, if mutually agreed between the owner and the Clerk, unless;
 - i) the destruction or harvesting of the tree of a prescribed species is for the owner's own use; or
 - ii) the owner destroys or harvests or allows the destruction or harvesting of:
 - (A) fewer than 5 trees of a prescribed species per hectare in the Woodlands within a one year period; and
 - (B) in destroying or harvesting fewer than 5 trees of a prescribed species per hectare in the Woodlands, fewer than 20 logs are produced within a one year period;

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- b) The Notice required under subsection (a) of this section shall be in the form as prescribed by the Council and shall be submitted to the Clerk, together with an administrative fee as prescribed by resolution of Council.
- c) Any person who is required to give notice under subsection (a) shall also erect and display a sign at the entrance at the adjoining roadway to the land where the destruction or harvest of the trees is to occur, in a position that is clear and visible to all persons, and such sign shall be in the format as prescribed by the Council.
- d) The sign required under subsection (c) of this section shall be posted prior to the commencement of the destruction or harvesting of the trees and the sign shall be required to remain posted until 10 days after the conclusion of the destruction or harvesting and removal of the logs.

PART V - ENFORCEMENT

- 8. This By-law shall be enforced by a by-law enforcement officer duly appointed by the Regional Municipality of Haldimand-Norfolk.
- 9. A by-law enforcement officer duly appointed by the Regional Municipality of Haldimand-Norfolk, or any person acting under the by-law officer's instructions, may at all reasonable times enter upon the land of any person to;
 - a) enforce this By-law; or
 - b) determine compliance with an order made under section 12 of this By-law;
 - c) examine the tree or trees for which a minor exception has been applied for under Part III of this By-law; or
 - d) examine the tree or trees that might be affected by a minor exception authorized under Part III of this By-law, and determining the compliance thereof.
- 10. No person shall obstruct or interfere with a by-law enforcement officer duly appointed by the Regional Municipality of Haldimand-Norfolk, or any person acting under the by-law enforcement officer's instructions, in the discharge of his or her duties under this By-law.

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PART VI - PENALTY

11. Every person who contravenes a provision of this By-law is guilty of an offence and on conviction is liable to a fine of not more than \$20,000 or to imprisonment for a term of not more than three months, or to both.
12. If a person is convicted of an offence under section 11 of this By-law, the Court shall consider all evidence given in respect of the necessity of replanting the area on which the tree or trees have been destroyed, and the Court may order the owner of the said area to:
 - i) replant the trees in the manner and within the time the Court considers appropriate; and
 - ii) adequately maintain the replanted trees in the manner the Court considers proper.

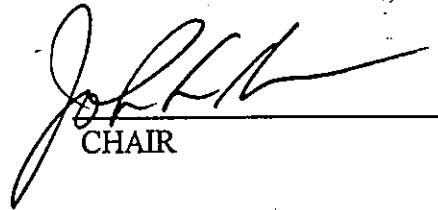
PART VII - ADMINISTRATION

13. If any section or sections of this By-law or parts thereof are found by any Court to be illegal or beyond the power of the Council to enact, such section or sections or parts thereof shall be deemed to be severable and all other sections or parts of this By-law shall be deemed to be separate and independent therefrom and continue in full force and effect unless and until similarly found illegal.
14. For the purposes of this By-law, Forms A to G, inclusive, shall be deemed to be prescribed by Council.
15. The short title of this By-law is the "Forest Conservation By-law".
16.
 - a) By-law No. 143-90 of the Regional Municipality of Haldimand-Norfolk shall be repealed effective on the coming into force and effect of this By-law.
 - b) Despite subsection (a) of this section, By-law No. 143-90 of the Regional Municipality of Haldimand-Norfolk shall continue to apply to proceedings in respect of offenses that occurred before its repeal.
 - c) Despite subsection (a) of this section, valid Notice of Intent filed under By-law No. 143-90 of the Regional Municipality of Haldimand-Norfolk shall continue to be valid under By-law No. 143-90 after the repeal of By-law No. 143-90.

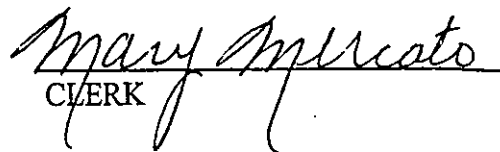
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- d) Despite subsection (a) of this section, valid Notice of Intents filed under By-law No. 143-90 of the Regional Municipality of Haldimand-Norfolk shall continue to be valid under By-law No. 143-90 until 3 years after the repeal of By-law No. 143-90 provided certified documentation of a signed contract and proof of full payment for said woodlands has been filed with the Clerk.

THIS BY-LAW READ A FIRST AND SECOND TIME THIS 9TH DAY OF MARCH, 2000.

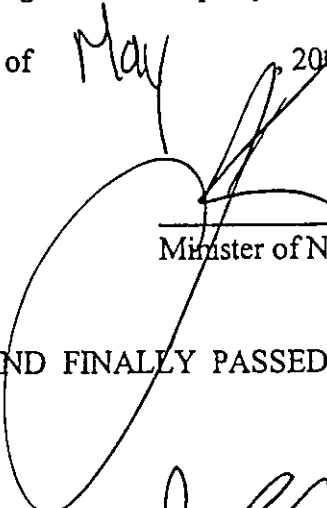

CHAIR

#00-94, PED, 00/03/01
Report No. RC 06-00

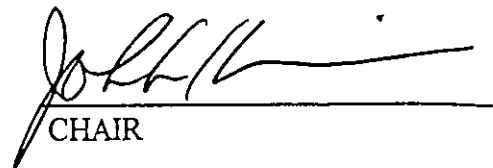

CLERK

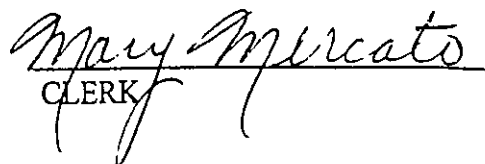
Pursuant to the *Forestry Act, R.S.O. 1990, Chapter F.26, as amended*, I hereby approve the above By-law for final passing by the Council of the Regional Municipality of Haldimand-Norfolk.

DATED at Toronto this 23 day of May, 2000.


Minister of Natural Resources

THIS BY-LAW READ A THIRD TIME AND FINALLY PASSED THIS ND 23TH DAY
OF JUNE, 2000.


CHAIR


CLERK

EXPLANATORY NOTE

TO

BY-LAW NO. 15-00

The purpose of this by-law is to restrict and regulate the destruction of trees in the Region of Haldimand-Norfolk.

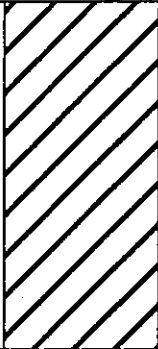
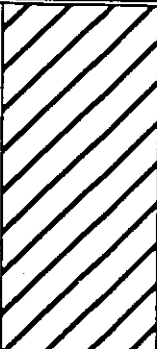
The By-law was given two readings by Regional Council on March 9, 2000. The By-law was forwarded to the Ministry of Natural Resources for approval. The Minister approved the by-law on May 23, 2000 with two minor amendments.

Part II, Exceptions 5(b) was amended by deleting the words "so long as the destruction or harvest of the tree of the prescribed species will not reduce the number of trees to below the minimum number of trees necessary to constitute a Woodlands." Section 5(b) now reads "the person destroys or harvests the tree for the person's own use; or"

Part IV, Notice of Intent to Destroy Trees, 7(a) was amended to correct the applicable subsections from Section 5. The applicable subsections are "(a), (c), (d) or (e)".

These amendments have been incorporated into this by-law as per the Minister's approval.

| TABLE A | | Point of Measurement | Circumference | Point of Measurement | Circumference |
|-------------------------------------|------------------------------------|----------------------|---------------|----------------------|---------------|
| <u>GROUP A SPECIES</u> | | | | | |
| Cucumber Tree | (<i>Magnolia acuminata</i>) | 15 cm | 225 cm | 30 cm | 196 cm |
| Kentucky Coffeetree | (<i>Gymnocladus dioicus</i>) | | | | |
| American Chestnut | (<i>Castanea dentata</i>) | | | | |
| Tulip Tree | (<i>Liriodendron tulipifera</i>) | | | | |
| Honey Locust | (<i>Gleditsia triacanthos</i>) | | | | |
| Sycamore | (<i>Platanus occidentalis</i>) | | | | |
| Hackberry | (<i>Celtis occidentalis</i>) | | | | |
| Black Gum | (<i>Nyssa sylvatica</i>) | | | | |
| Butternut | (<i>Juglans cinerea</i>) | | | | |
| Red Mulberry | (<i>Morus rubra</i>) | | | | |
| <u>GROUP B SPECIES</u> | | | | | |
| Oak - Red | (<i>Quercus rubra</i>) | 15 cm | 209 cm | 30 cm | 171 cm |
| - Black | (<i>Quercus velutina</i>) | | | | |
| - White | (<i>Quercus alba</i>) | | | | |
| - Swamp White | (<i>Quercus bicolor</i>) | | | | |
| - Bur | (<i>Quercus macrocarpa</i>) | | | | |
| - Hills | (<i>Quercus ellipsoidalis</i>) | | | | |
| - Chinquapin | (<i>Quercus muehlenbergii</i>) | | | | |
| Maple - Sugar | (<i>Acer saccharum</i>) | | | | |
| - Black | (<i>Acer nigrum</i>) | | | | |
| - Red | (<i>Acer rubrum</i>) | | | | |
| - Silver | (<i>Acer saccharinum</i>) | | | | |
| Elm - White | (<i>Ulmus americana</i>) | 15 cm | 199 cm | 30 cm | 173 cm |
| - Red | (<i>Ulmus thomasi</i>) | | | | |
| - Rock | (<i>Ulmus rubra</i>) | | | | |
| <u>GROUP C SPECIES</u> | | | | | |
| Ash - White | (<i>Fraxinus americana</i>) | 15 cm | 199 cm | 30 cm | 173 cm |
| - Red (Green) | (<i>Fraxinus pennsylvanica</i>) | | | | |
| - Blue | (<i>Fraxinus quadrangulata</i>) | | | | |
| - Black | (<i>Fraxinus nigra</i>) | | | | |
| - Pumpkin | (<i>Fraxinus profunda</i>) | | | | |
| Hickory - Shagbark | (<i>Carya ovata</i>) | | | | |
| - Big Shellbark | (<i>Carya laciniosa</i>) | | | | |
| - Pignut | (<i>Carya glabra</i>) | | | | |
| - Bitternut | (<i>Carya cordiformis</i>) | | | | |
| Black Walnut | (<i>Juglans nigra</i>) | 15 cm | 199 cm | 30 cm | 173 cm |
| Black Cherry | (<i>Prunus serotina</i>) | | | | |
| Basswood | (<i>Tilia americana</i>) | | | | |
| Hemlock | (<i>Tsuga canadensis</i>) | | | | |
| <u>Excluding plantations</u> | | | | | |
| White Pine | (<i>Pinus strobus</i>) | 15 cm | 199 cm | 30 cm | 173 cm |
| Larch | (<i>Larix decidua</i>) | | | | |
| Spruce - Norway | (<i>Picea abies</i>) | | | | |
| - White | (<i>Picea glauca</i>) | | | | |

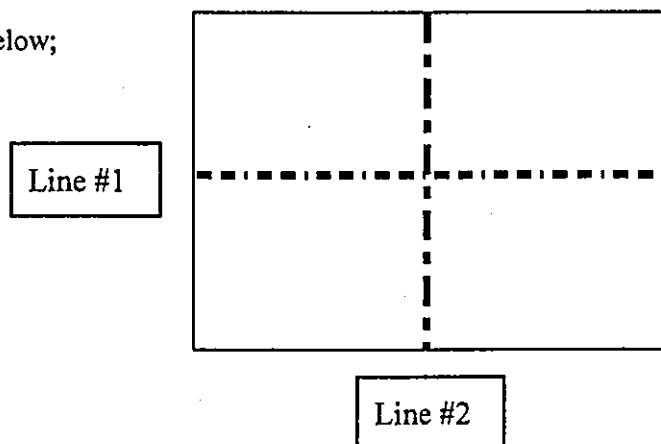
| TABLE A | | Point of Measurement | Circumference | Point of Measurement | Circumference |
|-------------------------------------|----------------------------------|-----------------------------|---|-----------------------------|---|
| <u>GROUP D SPECIES</u> | | | | | |
| Eastern Cottonwood | (<i>Populus deltoides</i>) | 15 cm | 165 cm | 30 cm | 136 cm |
| Sassafras | (<i>Sassafras albidum</i>) | | | | |
| Yellow Birch | (<i>Betula alleghaniensis</i>) | | | | |
| American Beech | (<i>Fagus americana</i>) | | | | |
| <u>Excluding plantations</u> | | | | | |
| Pine - Red | (<i>Pinus resinosa</i>) | 15 cm | 91 cm | 30 cm | 80 cm |
| - Jack | (<i>Pinus banksiana</i>) | | | | |
| - Scots | (<i>Pinus sylvestris</i>) | | | | |
| Tamarack | (<i>Larix laricina</i>) | | | | |
| <u>GROUP E SPECIES</u> | | | | | |
| Poplar - Balsam | (<i>Populus balsamifera</i>) | 15 cm | 91 cm | 30 cm | 80 cm |
| - Trembling Aspen | (<i>Populus tremuloides</i>) | | | | |
| - Largetooth Aspen | (<i>Populus grandidentata</i>) | | | | |
| White Birch | (<i>Betula papyrifera</i>) | | | | |
| Ironwood | (<i>Ostrya virginiana</i>) | 15 cm | 72 cm | 30 cm | 63 cm |
| Willow sp. | (<i>Salix sp.</i>) | | | | |
| <u>GROUP F SPECIES</u> | | | | | |
| Eastern Flowering Dogwood | (<i>Cornus florida</i>) | 15 cm | 72 cm | 30 cm | 63 cm |
| Pin Cherry | (<i>Prunus pensylvanica</i>) | | | | |
| Cedar - White | (<i>Thuja occidentalis</i>) | | | | |
| - Red | (<i>Juniperus virginiana</i>) | | | | |
| <u>CONIFER PLANTATION</u> | | | | | |
| - White Pine | (<i>Pinus strobus</i>) | Good Forestry Practice ONLY |  | Good Forestry Practice ONLY |  |
| - Red Pine | (<i>Pinus resinosa</i>) | | | | |
| - White Spruce | (<i>Picea glauca</i>) | | | | |
| - Norway Spruce | (<i>Picea abies</i>) | | | | |
| - Tamarack | (<i>Larix laricina</i>) | | | | |
| - Larch | (<i>Larix decidua</i>) | | | | |
| - Jack Pine | (<i>Pinus banksiana</i>) | | | | |
| - Scots Pine | (<i>Pinus sylvestris</i>) | | | | |

SCHEDULE "B" TO BY-LAW NO. 15-00

Basal Area Calculation

1. **Point Sampling** is defined as a method of selecting trees for measurement and for estimating stand basal area using tree size rather than frequency as the main parameter. Trees are tallied at a sample location or point sample, with the selection probability being proportional to the basal area of the trees. In point sampling, a 360-degree sweep is made with an angle gauge about a fixed point, and the stems whose breast height diameter appear larger than the fixed angle subtended by the angle gauge are included in the sample. Point samples will be taken using a factor 2 prism.
2. Basal Area will be assessed every 30 metres along a fixed compass bearing through a forest stand in which harvesting has occurred. The first point sample will be placed 60 metres from the dripline of the woodland. No less than 3 point samples will be taken along a compass bearing through a forest stand. If the average basal area/hectare is found to be below the requirements of the by-law, then a second compass line will be established from the mid-point of the 1st compass line and will run in a direction 90° from the compass bearing from the 1st line.

See sample illustration below;



The following format will be used in calculating average basal area per hectare;

Stations Tallied

BASAL AREA FACTOR - 2

| | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------------|-----|--------------------|-----|---------------------|-----|-------------------|-----|--------------------|-----|-------------|-----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| Plot# | SMALL 26-40 CM | | MEDIUM 42-48 CM | | LARGE 50 - 60 CM | | X-LARGE 62+ CM | | TOTAL ALL SIZES | | TOTAL ** | | | | | | | | |
| | AGS | UGS | AGS | UGS | AGS | UGS | AGS | UGS | AGS | UGS | AGS | UGS | | | | | | | |
| Number of Trees | | | | | | | | | | | | | | | | | | | |

** Total Trees (_____) x Basal Area Factor (_____) = (_____) Actual BA / Ha
of Stations (_____)

SCHEDULE "C" TO BY-LAW NO. 15-00

Application of Good Forestry Practice under this By-law must meet or exceed the recommendations of the following publications:

A Silviculture Guide to Managing Southern Ontario Forests

- Ontario Ministry of Natural Resources, 2000

A Tree Marking Guide for the Tolerant Hardwoods Working Group

- Ontario Ministry of Natural Resources, 1993

A Silvicultural Guide for the Tolerant Hardwood Forest

- Ontario Ministry of Natural Resources, 1998

A Silvicultural Guide for the Great Lakes-St. Lawrence Conifer Forest In Ontario

- Ontario Ministry of Natural Resources, 1993

Managing Red Pine Plantations

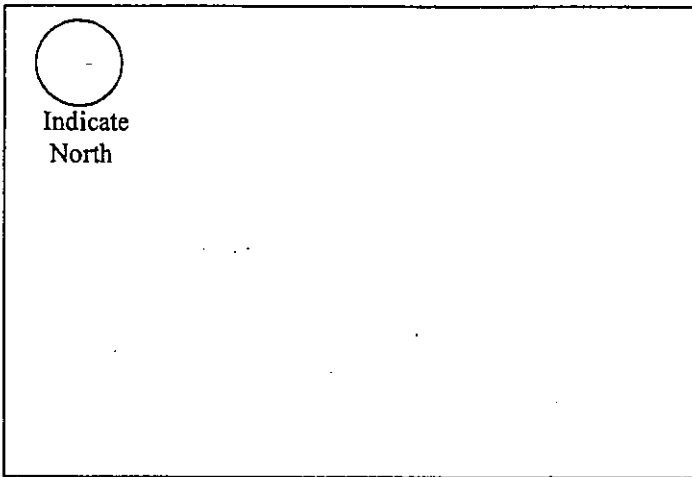
- Ontario Ministry of Natural Resources, 1985

Pursuant to By-law No. 15-00
FPC-01-2019 Attach 2
FORM A

All trees to be cut shall be marked with a paint spot on opposite sides of the tree at a height no lower than 1.37 metres above the highest point of ground at the base of the tree. The mark shall be at least 8 centimeters in diameter for hardwood sawlogs/conifer poles or sawlogs and a slash 20 centimeters long for fuelwood/ conifer sawlogs/pulp. A similar mark shall be placed at the base of the tree below the saw line and extending to the ground. All trees shall be marked facing the same direction, unless the terrain requires a change in direction, in which case the marking will proceed consistently with the terrain.

Description of area

- please draw a map of the location of the woodlot
- please indicate preferred entry points so that the Forest Conservation Service can gain entrance to inspect the area
- all items must be labeled / draw in **BLACK INK** - the following items are required to be drawn on the map below;



location / name of concession roads
buildings on property
woodlot to be harvested / landing area
power lines / municipal ditches

Office Use Only

Notification date: _____

Inspection dates: _____

Fuelwood Harvested: ☐ Y ☐ NInfractions: ☐ Y ☐ N

Is there a Municipal Drain that runs through or near the area in which trees will be harvested? ☐ Yes ☐ No

It is requested that if loggers are working near power lines that they contact the local Hydro Utility Company for assistance to prevent a potential accident and any damage that may occur to hydro lines and equipment due to a logging accident.

| If the landowner is selling standing timber to a logger for harvesting has; | YES | NO |
|---|--------------------------|--------------------------|
| a contract been signed between landowner and contractor? | <input type="checkbox"/> | <input type="checkbox"/> |
| the contractor provided proof of WSIB coverage for employees / liability insurance coverage? | <input type="checkbox"/> | <input type="checkbox"/> |
| the contractor provided proof of cutter/skidder certification for all employees and themselves? | <input type="checkbox"/> | <input type="checkbox"/> |
| the main skid trails been delineated? (If No, refer to By-law requirements) | <input type="checkbox"/> | <input type="checkbox"/> |

| | | |
|---|--------------------------|--------------------------|
| Have arrangements been made to harvest the fuelwood from tree tops? (If No, refer to By-law requirements) | <input type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|

I agree that operations will be in accordance with the provisions of Forest Conservation By-law No. 15-00 of the Regional Municipality of Haldimand-Norfolk and that I am familiar with the contents and requirements of this By-law and acknowledge having received a copy thereof. I further agree that any tree harvested will be in accordance with good forestry practices, or stand improvement or meet or exceed the required circumference limits at the highest point of measurement in which the tree has been harvested.

Further, I agree to contact the Forest Conservation Service **24 hours prior** to commencing harvesting of trees. In the event of a mail disruption this form may be delivered to any area municipality office.

Both Signatures are required if a logger is being used to carry out the harvesting of trees.

Signature of Landowner _____

Signature of Contractor (if applicable) _____

Date _____

Is the property enrolled in the;

| | | | | |
|--|--------------------------|-----|--------------------------|----|
| Conservation Land Tax Incentive Program? | <input type="checkbox"/> | YES | <input type="checkbox"/> | No |
| Managed Forest Tax Incentive Program? | <input type="checkbox"/> | YES | <input type="checkbox"/> | No |

Landowners who are the registered owner of the property for less than two years can only harvest trees for own use or under good forestry practice. Failure to comply will be considered a violation of By-law No. 15-00.

FOREST CONSERVATION SERVICE
Notification 426-5999
Fax Line 426-0059

Application of Good Forestry Practice - Mixedwood Stand

FORM B

Pursuant to By-law No. 15-00**PLEASE PRINT CLEARLY USING BLACK INK**

Completed Application of Good Forestry Practice to be received by the Forest Conservation Service to be forwarded to the Clerk, at **LEAST TEN (10) BUSINESS DAYS PRIOR** required date of verification. Applications under Good Forestry Practice are not valid until verified by the Forest Conservation Service.

All Sections are to be filled out completely upon this Application of Good Forestry Practice, failure to do so will result in making this application null and void, and this document will be returned to the applicant for correction. An applicant can substitute sections of this form if approved by the Norfolk Forest Conservation Service.

Property Owner: Surname: _____ Given Name: _____

911 Municipal Address: _____ Postal Code: _____

Woodlot Location: Former Township: _____ Telephone Number: () _____

Lot _____ Concession _____ Tax Roll No. (15 Digit) _____

TREE MARKER ☐ Independent ☐ Commercial Paint Colour: _____
Name: _____ Telephone Number: () _____ Date Marked: _____

LANDOWNER OBJECTIVES

Long Term:

Short Term:

Reason for Tree Removal ☐ Commercial Timber Harvest ☐ Silvicultural Improvement
☐ Firewood Removal ☐ Other (specify) _____

STAND INFORMATION

| | | | |
|----------------------|---------|---------------|----------------------|
| Species Composition: | | Harvest Area: | Hectares |
| Age Class: | Height: | Metres | Stocking: (Optional) |
| Regeneration Notes: | | | |
| Stand Quality Notes: | | | |
| Topography: | | | |

BASAL AREA - DISTRIBUTION OF CUTPrism Tally: _____ m²/ha

Basal Area Factor: _____

| Tree Size (cm) | Actual BA (m ² /ha) | | | BA to Cut (m ² /ha) | | | Actual Residual BA (m ² /ha) | | | IDEAL BA |
|-------------------|--------------------------------|-----|-------|--------------------------------|-----|-------|---|-----|-------|-------------|
| | AGS | UGS | TOTAL | AGS | UGS | TOTAL | AGS | UGS | TOTAL | |
| 10 - 24 | | | | | | | | | | 5 |
| 26 - 40 | | | | | | | | | | 5 |
| 42 - 48 | | | | | | | | | | 4 |
| 50 - 60 | | | | | | | | | | 4 |
| 62 + | | | | | | | | | | 2 |
| TOTAL | | | | | | | | | | 20 |

I agree that operations will be in accordance with the provisions of Forest Conservation By-law No. 15-00 of the Regional Municipality of Haldimand-Norfolk and accepted good forestry practice. By signing this application I agree that I am familiar with the contents and requirements of this By-law and acknowledge having received a copy thereof.

Further, I agree to file this form with the Forest Conservation Service to be forwarded to the Clerk 10 business days prior to required verification. I hereby understand that this application of Good Forestry Practice is not valid until verified by the Forest Conservation Service. I also agree that upon verification and receipt of inspection I will file with the Forest Conservation Service to be forwarded to the Clerk a Notice of Intent - Form A 5 days prior to harvesting. This Application is valid for one year after submission.

Signature of Landowner

Signature of Contractor (if applicable)

Date

STAND PRESCRIPTION

Property Owners Surname:

Form B - Page 2

Treatment Guidelines (Tree Marking Prescription):

Integrated Resource Management Considerations:

Follow Up Recommendations:

Prism Tally: m2/ha

STANDARD ANALYSIS TALLY (optional)

- the following worksheet is provided to assist with the calculation of Basal Area & Distribution to cut.

Basal Area Factor:

| | | | | | | | | | | | | | | | | | | | | |
|-------------------|-----|----------------------|-----|-------------------|-----|--------------------|----------|---------------------|-----|--------------------|-----|--------------|-----|-----|----|----|----|----|----|----|
| Stations | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Talled | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| | | | | | | | SAWTIMER | | | | | | | | | | | | | |
| Tree Size Classes | | Polewood 10-24 cm | | Small 26-40 cm | | Medium 42-48 cm | | Large 50 - 60 cm | | X-Large 62 + cm | | Total All | | | | | | | | |
| SPECIES | AGS | UGS | AGS | UGS | AGS | UGS | AGS | UGS | AGS | UGS | AGS | UGS | AGS | UGS | | | | | | |
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**** Total Trees () x Basal Area Factor () = () Actual BA/Ha**
of Stations ()

DESCRIPTION OF AREA

- please draw a map of the location of the woodlot



REQUIREMENTS OF GOOD FORESTRY PRACTICE

1. All trees to be cut shall be marked with a paint spot on opposite sides of the tree at a height no lower than 1.37 metres above the highest point of ground at the base of the tree. The mark shall be at least 8 centimeters in diameter for hardwood sawlogs and a slash 20 centimeters long for fuelwood. A similar mark shall be placed at the base of the tree below the saw line and extending to the ground. All trees shall be marked facing the same direction, unless the terrain requires a change in direction, in which case the marking will proceed consistently with the terrain.

2. The Basal Area sample points used to develop this prescription must be clearly marked with the closest tree (>24cm DBH) to the centre of the sample point circled with paint at DBH.

3. A summary of marked standing timber (number/species, volume optional) must be attached to Form B.

4. Tree Markers are required to comply with all requirements of the By-law.

REQUIRED DATE OF VERIFICATION☐ 10 DAYS ☐ Other - specify date _____

Application of Good Forestry Practice - Conifer Plantation

FORM C
Pursuant to By-law No. 15-00

PLEASE PRINT CLEARLY USING BLACK INK

Completed Application of Good Forestry Practice to be received by the Forest Conservation Service to be forwarded to the Clerk at **LEAST TEN (10) BUSINESS DAYS PRIOR** required date of verification. Applications under Good Forestry Practice are not valid until verified by the Forest Conservation Service.

All Sections are to be completed in full on this application, failure to do so will result in making this application null and void, and this document will be returned to the applicant for correction. An applicant can substitute sections of this form if approved by the Forest Conservation Service.

Property Owner: Surname: _____ Given Name: _____

Municipal Address: _____ Postal Code: _____

Woodlot Location: Former Township: _____ Telephone Number: (____) _____

Lot _____ Concession _____ Tax Roll No. (15 Digit) _____

| | | | |
|--------------------|--------------------------------------|-------------------------------------|---------------------|
| TREE MARKER | <input type="checkbox"/> Independent | <input type="checkbox"/> Commercial | Paint Colour: _____ |
| Name: _____ | | Telephone Number: (____) _____ | Date Marked: _____ |

LANDOWNER OBJECTIVES

Long Term: _____

Short Term: _____

Reason for Tree Removal ☐ Pole Harvest ☐ Sawlog Production ☐ Silvicultural Improvement ☐ Other (specify) _____

STAND INFORMATION

| | | | |
|----------------------------|-----------------------------|---------------------|----------------------|
| Species Composition: _____ | | Harvest Area: _____ | Hectares |
| Estimated Age: _____ | Average Stand Height: _____ | Density: _____ | Estimated Trees / Ha |
| Stand Quality Notes: _____ | | | |
| Regeneration Notes: _____ | | | |
| Topography: _____ | | | |

BASAL AREA - DISTRIBUTION OF CUT

| Tree Size DBH (cm) | Actual BA (m ² /ha) | BA to Cut (m ² /ha) | Actual Residual BA (m ² /ha) |
|--------------------------|--------------------------------------|-----------------------------------|--|
| 10 - 24 | | | |
| 26 - 40 | | | |
| 42 - 48 | | | |
| 50 + | | | |
| Total | | | |

STAND INFORMATION

Has the stand been thinned before? ☐ YES ☐ NO

Year of Last Thinning: _____ Every _____ Row was removed.

If Row Thinning, every _____ is proposed to be removed.

Is selection planned between the rows? ☐ YES ☐ NO

Skid Trails will be along: ☐ Existing Rows ☐ Rows to be Thinned

Is this the final thinning? ☐ YES ☐ NO

Optional: Site Index _____ Quadratic Mean DBH (DBH_q) _____ Cm

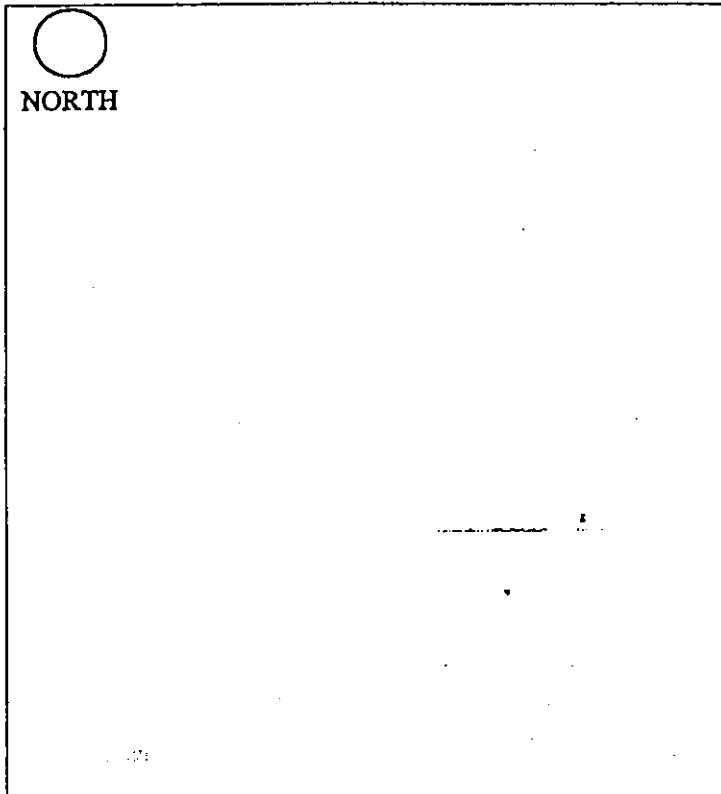
Treatment Guidelines (Tree Marking Prescriptions):

Integrated Resource Management Considerations:

Follow Up Recommendations:

Approximate Year of Next Harvest: **DESCRIPTION OF AREA**

- please draw a map of the location of the woodlot

**REQUIREMENTS OF GOOD FORESTRY PRACTICE**

1. All trees to be cut shall be marked with a paint spot on opposite sides of the tree at a height no lower than 1.37 metres above the highest point of ground at the base of the tree. The mark shall be at least 8 centimeters in diameter for conifer poles and a slash 20 centimeters long for conifer sawlogs and pulp. A similar mark shall be placed at the base of the tree below the saw line and extending to the ground. All trees shall be marked facing the same direction, unless the terrain requires a change in direction, in which case the marking will proceed consistently with the terrain.

For first row thinnings, rows to be harvested can be marked using two dots at least 8 centimeters in diameter, at the beginning and end of each row or by using a row number at the beginning and end of each row.

2. The Basal Area sample points used to develop this prescription must be clearly marked with the closest tree (>10cm DBH) to the centre of the sample point encircled with paint at DBH. If a fixed plot is used each of the four corners of the plot must be clearly delineated.

3. A summary of marked standing timber (number/species, poles/sawlog/pulp by size class, volume optional) must be attached, except in the instances of first row thinnings where only an estimated volume and an estimated total tree count is required.

4. Tree Markers are required to comply with all requirements of the By-law.

REQUIRED DATE OF VERIFICATION

☐ 10 DAYS ☐ Other - specify date _____

I agree that operations will be in accordance with the provisions of Forest Conservation By-law No. 15-00 of the Regional Municipality of Haldimand-Norfolk and accepted good forestry practice. By signing this application I agree that I am familiar with the contents and requirements of this By-law and acknowledge having received a copy thereof.

Further, I agree to file this form with the Forest Conservation Service to be forwarded to the Clerk 10 business days prior to required verification. I hereby understand that this application of Good Forestry Practice is not valid until verified by the Forest Conservation Service. I also agree that upon verification and receipt of inspection I will file with the Forest Conservation Service to be forwarded to the Clerk a Notice of Intent - Form A 5 days prior to harvesting. This Application is valid for one year after submission.

Signature of Landowner _____

Signature of Contractor (if applicable) _____

Date _____

FORM D

APPLICATION FOR MINOR EXCEPTION TO BY-LAW NO. 15-00

BEING A BY-LAW TO RESTRICT AND REGULATE THE DESTRUCTION OF TREES BY (CUTTING, BURNING, OR
OTHER MEANS) IN THE REGIONAL MUNICIPALITY OF HALDIMAND-NORFOLK.

DATE: _____

Name(s) of Owner: _____

911 Municipal Address: _____ Postal Code: _____

Telephone: _____ Residence _____ Business _____ Fax: _____

Location of Trees Affected / Ownership

Former Municipality _____ Assessment Roll Number _____

Lot _____ Concession _____ Property owned by applicant? ☐ Yes ☐ No Length of time _____

If purchased within the last three years, state name and address of former property owner and date of your purchase.

Application Type - please check appropriate description of the application

- ☐ **Agricultural Minor Exception - removal of understorey within a Woodlands**
Applications restricted to those which apply for the removal of the understorey component, restricted to trees no greater than 12 cm at DBH, of a woodlands for the purpose of agricultural use.
- ☐ **Minor Exception less than or equal to 1 hectare (2.5 acres)**
- ☐ **Minor Exception greater than 1 hectare (2.5 acres) - Environmental Impact Study Report required with application**

Property / Forest DescriptionPermission is requested to remove _____ ☐ acres / ☐ hectares ☐ Woodlands or ☐ UnderstoreyTotal number ☐ acres / ☐ hectares of subject property _____Total number ☐ acres / ☐ hectares of woodlands on subject property _____

If the woodlands has been harvested in the past three years, state name of contractor and date of harvesting activities.

Description of tree species on the described land _____

Description of tree species to be destroyed on the described land _____

The Minor Exception is requested for the following reasons, including description of end use after trees have been destroyed:

If an Agricultural Minor Exception has been requested, what provisions is the applicant willing to undertake to restrict encroachment of the proposed agricultural use into the surrounding woodlands?

Is the applicant willing to offset the destruction of trees on the subject property through replanting trees on said property?

Yes ☐ No ☐ If Yes, please indicate how many ☐ acres / ☐ hectares you are willing to replant _____

Has the owner previously applied for and been granted/denied a Minor Exception to remove trees on said property.

Yes ☐ No ☐ If yes, please indicate purpose for which they were removed, approximate size of area cleared, location (lot, concession, former township), and date.

OVER >>

Draw a map of the land which you own and identify NORTH, abutting lots, concessions and property owners. Map should show description of lands of the Owner, a description of species and extent of trees subject of this specific Minor Exception Application. (If more space is required please use a separate sheet and attach to application)



NORTH

Minor Exception Requirements / Information

1. A Minor Exception application must be completed in full in order to be processed. An application for an area greater than 1.0 hectare must be accompanied with an Environmental Impact Study (contact Forest Conservation Service for details).
2. It shall be normal practice that when a landowner or his authorized agent makes an enquiry with regard to Forest Conservation By-law No. 15-00, that the Forest Conservation Officer will make an inspection of the property to determine whether or not an application for a Minor Exception is necessary.
3. An information summary describing the application area and the forest cover components will be prepared by the Forest Conservation Officer.
4. Notice of this application and the information summary shall be sent by regular mail to all landowners whose lands abut the land the applicant has outlined. Further circulation of this application will be made to the appropriate government agencies for review and comments (ie: Conservation Authorities, Ministry of Natural Resources, Ministry of Agriculture Food and Rural Affairs, and local Municipalities)
5. Any person who has made an application for a minor exception shall erect and display a public notice regarding the minor exception application at the entrance from the adjoining roadway to the land where the minor exception is being sought in a position that is clear and visible to all persons, and such sign shall be in the format as prescribed by Council
6. A Minor Exception application applies to the destruction of trees within an area which would result in the reduction of the size of a woodlands that is 0.2 hectares in size or larger.
There is no provision allowing agricultural practices to clear forested land.
7. A decision or recommendation will be made 15 days from receipt of the application.
8. If the application is approved an on-site inspection will be made and the perimeter of the forest cover which will remain will be marked by tree marking paint or some other means, to clearly indicate the extent of the approved Minor Exception area. Trees destroyed outside any approved area will be considered a violation under the Forest Conservation By-law.

I agree that this application will be completed in compliance with the provision of Forest Conservation By-law No. 15-00 of the Regional Municipality of Haldimand-Norfolk and that I am familiar with the requirements of this By-law and acknowledge having received a copy thereof.

Applicants Signature _____ Date _____

Please return this form with a cheque made payable to the appropriate Municipality / Town in the amount of \$200.00 and send to the ;

Norfolk Forest Conservation Service
95 Culver St.
Simcoe, ON N3Y 4L1

Personal information on this form is collected under the authority of the Forestry Act. Pursuant to the Municipal Freedom of Information and Protection of Privacy Act, questions about the collection of personal information should be directed to the Forest Conservation Service at 519-426-5999.

Notice of Timber Harvest

DO NOT ENTER during harvesting activities for your own safety.
This posted notice does not imply unrestricted access. Interested parties
must receive permission to enter these lands from the landowner.

Contractor: _____

Phone Number: (____) _____

Owner: _____

Timber Harvest Date: _____

Timber to be Harvested Marked by: _____

Phone Number: (____) _____

This Notice is posted under the authority of Forest Conservation By-law 15-00

This Notice is to remain posted prior to the commencement of the harvesting and no less
than ten days after completion of harvest. Removal prior to this period is a chargeable offence.

If you should have any questions or concerns regarding this timber harvest
please contact the Forest Conservation Service at 519-426-5999.

LOGGING DAMAGE ASSESSMENTPursuant to By-law No. 15-00
FORM F**PLEASE PRINT CLEARLY**

Property Owner: Surname: _____

Assessment Date: _____

911 Municipal Address: _____

Given Name: _____

Telephone Number: (_____) _____

Postal Code: _____

Woodlot Location: Lot _____ Concession _____ Former Township: _____

Woodlot Size: _____ Hectares

Tax Roll No. (15 Digit) _____

CONTRACTOR INFORMATION

Surname: _____

Given Name: _____

Address: _____

Telephone Number: (_____) _____

Person in charge of
Destruction of Trees: _____

Start Date: _____

Trees Marked By: _____

Telephone Number: (_____) _____

LOGGING DAMAGE ASSESSMENT - Criteria

| Type of Injury | Considered Excessive When ... |
|---|---|
| Bark Scraped off: Trees 10 - 31 cm DBH | Any wound greater than the square of the DBH ie: a 10 cm DBH - major wound is greater than 100 cm ² |
| Trees 32 + cm DBH | Any wound greater than 1000 cm ² If there is Ground Contact a major wound is considered to be 60% the size indicate for all size classes. |
| Broken Branches | More than 33% of the Crown is destroyed |
| Root Damage | More than 25% of the root area exposed or severed |
| Broken off | Any Tree |
| Bent Over | Any tree tipped noticeably |

SKID TRAIL DEPTHS

| | |
|-----------|--|
| Minor | Ruts (furrows) 15 cm or less in depth |
| Moderate | Ruts (furrows) 16 cm to 30 cm in depth |
| Major | Ruts (furrows) 31 cm to 61 cm in depth |
| Excessive | Ruts (furrows) greater than 61 cm in depth |

EXCESSIVE DAMAGE STANDARDS

| | |
|--------------------------------|--|
| Damage to Residuals | After harvesting 85% of residual basal area (10 cm+) should be free of major damage and 90% of the residual AGS should be free of major damage. |
| Damage to Regeneration | After harvesting 85% of residual basal area (<10 cm) should be free of major damage. |
| Skid Trail Coverage | A minimum of 80% of the ground area to be skid trail free. Main skid trail must be delineated. Parallel skid trails should be no closer than 60 metres apart, unless within poorly drained areas. |
| Damage to Physical Environment | Trees felled over a watercourse. Debris not cleared. Major/Excessive Ruts greater than 30 metres in length. |

Minimum 3 Sample Points / Plots per Assessment - Point Sample factor 2 prism - Plot Size 10 m x 10 m

| | | | |
|----------------------------------|--------------------|--------------------------------------|--------------------|
| Total Residual BA of Stand | m ² /ha | Basal Area with Excessive Damage | m ² /ha |
| Skid Trails Encountered | Every metres | % Basal Area with Excessive Damage | m ² /ha |
| % of Stand Covered by Skidtrails | % | Cruise Line Distance No. of Plots | metres |

| Plot# | POLES | | SMALL LOG | | MEDIUM LOG | | LARGE LOG | | X-LARGE LOG | | TOTAL | | TOTAL | COMMENTS |
|-------------------------|----------|---------|-----------|---------|------------|---------|-----------|-------------------------|-------------|---------|-----------|-------------------|-------|----------|
| | 10-24 CM | AGS UGS | 25-40 CM | AGS UGS | 41-60 CM | AGS UGS | 61-80 CM | AGS UGS | 81+ CM | AGS UGS | ALL SIZES | AGS UGS | | |
| DAMAGED | | | | | | | | | | | | | | |
| UNDAMAGED | | | | | | | | | | | | | | |
| Skid Trail Encountered: | | | Metres | | Minor | | Moderate | | Major | | Excessive | | | |
| Regeneration Damage | | | | | | % | | Watercourse Obstruction | | | | Safety Violations | | |

| Plot# | POLES | | SMALL LOG | | MEDIUM LOG | | LARGE LOG | | X-LARGE LOG | | TOTAL | | TOTAL | COMMENTS |
|-------------------------|----------|---------|-----------|---------|------------|---------|-----------|-------------------------|-------------|---------|-----------|-------------------|-------|----------|
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| DAMAGED | | | | | | | | | | | | | | |
| UNDAMAGED | | | | | | | | | | | | | | |
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| DAMAGED | | | | | | | | | | | | | | |
| UNDAMAGED | | | | | | | | | | | | | | |
| Skid Trail Encountered: | | | Metres | | Minor | | Moderate | | Major | | Excessive | | | |
| Regeneration Damage | | | | | | % | | Watercourse Obstruction | | | | Safety Violations | | |

PUBLIC NOTICE

Forest Conservation Service

This posted notice does not imply unrestricted access.

Interested parties must receive permission to enter these forested lands from the landowner.

APPLICATION has been received affecting these forested lands.

Lot: _____ Concession: _____ Township: _____

Landowner: _____

A Minor Exception has been submitted to clear
_____ hectares of forested land.

TYPE OF EXCEPTION: ☐ Agricultural Minor Exception

☐ Minor Exception

Deadline for Written Comments: _____

This Notice is posted under the authority of Forest Conservation By-law 15-00

This Notice is to remain posted no less than 15 business days prior to consideration of this application.

FURTHER information or written notice is available from the Forest Conservation Service at 519-426-5999.