



Return Completed Tender to:
South Nation Conservation
38 Victoria Street, P.O. Box 29
Finch, ON K0C 1K0

Closing Time and Date: February 11, 2020 at 12:00 p.m.
Opening Time and Date: February 11, 2020 at 12:05 p.m.
For Further Information Contact: Pat Piitz
1-877-984-2948

The undersigned tender for forest resources in the conditions of sale dated in reference to the area described as:

SNC COMPARTMENTS SNC 5/7 (39.3 Ha):

**PART LOTS 25 & 27
CONCESSION VII
FORMER TOWNSHIP OF MATILDA**

SPECIES	Number of Stems	Lower DBH (cm)	Upper DBH (cm)	Median DBH (cm)	ESTIMATED HARVEST VOLUME (m ³)	Bid Price (\$ per m3)	Total Bid (\$)
Red Pine	1371	16	40	24	600.8		
White Pine	959	14	50	54	521.0		
White Spruce	1896	14	34	18	366.4		
Incidental Poplar	Incidental						
TOTAL						Total Bid	

NOTE: Stems and Volumes are cruised estimates only and are not guaranteed. All compartment areas are gross. Shaded areas of above table must be completed.

The highest or any tender will not necessarily be accepted.

The South Nation Conservation reserves the right to limit the total number of tenders awarded to one bidder.

To be awarded the sale, tenderer must provide proof of contract to sell forest resource being offered and/or be the owner/operator of a forest resource processing facility approved to process some or all of the forest resources being offered.

The undersigned is fully aware of the attached Conditions of Sale and this tender is submitted accordingly and should this tender be accepted, and a sale of timber ordered, the undersigned agrees to carry out the terms and conditions thus imposed. The Stumpage Sale Contract and attached Exhibits form part of this sale.

The undersigned also understands that, in addition to the conditions set out relative to this sale, all Acts of the Legislature of the Province of Ontario are now or may hereafter be in force and all regulations duly made under the provisions of any such Acts, so far as they may be of general applications, shall be binding and shall apply to the operations as fully and effectually as if they had been set out in the Condition of Sale.

Full Legal Name of Business:	City/Town	Province
Business Address: (street)		
The above is a: Registered Company Partnership, Individual using firm name, Individual		
For Partnership Indicated Names of Partners (Print First and last Name full)		
Telephone	Authorized Signature	Name (Please Print)



Dépôt de la soumission complète à :
Conservation de la Nation Sud
38 Victoria Street, P.O. Box 29
Finch, ON K0C 1K0

Date et heure de fermeture: 11 Février 2020 à 12 h 00
Date et heure d'ouverture: 11 Février 2020 à 12 h 05
Pour plus d'informations, contactez: Pat Piitz
1-877-984-2948

Les soussignés soumissionnent pour les ressources forestières, aux conditions de vente spécifiées, en référence aux zones décrites comme:

PARCELLES SNC 5/7 (40.3 Ha.);

**PARTIE DE LOTS 25 & 27
CONCESSION VII
ANCIEN CANTON DE MATILDA**

ESPÈCES	Nombre de tiges	DHP bas (cm)	DHP haut (cm)	DHP médian (cm)	VOLUME à être coupé (m ³)	Prix de soumission (\$ par m ³)	Soumission totale (\$)
Pin rouge	1371	16	40	24	600,8		
Pin blanc	959	14	50	54	521,0		
Épinette blanche	1896	14	34	18	366,4		
Bois dure occasionnelle	Occasionnelle						
TOTAL						Offre totale	

NOTE: Le Nombre de troncs et le Volume sont des évaluations d'inventaire seulement et ne sont pas garantis. Les zones ombragées ci hauts doivent être complétées. Toutes les aires pour les compartiments sont brutes.

Il est possible qu'aucune des soumissions, ni la plus haute soumission, ne soit retenue.

Le Conservation de la Nation Sud se réservent le droit de limiter le nombre d'offres accordées à un soumissionnaire.

Pour se voir accorder la vente, le soumissionnaire doit fournir la preuve d'un contrat lui permettant de vendre les ressources forestières offertes, et/ou être le propriétaire/exploitant d'une installation de traitement approuvée pour le traitement de certaines ou de toutes les ressources sylvestres offertes.

Le soussigné a été entièrement informé des Conditions de vente ci-jointes et cette soumission est déposée en connaissance de cause. Dans le cas où la présente soumission soit acceptée et qu'une vente de bois d'œuvre soit commandée, le soussigné s'engage à réaliser les modalités et conditions imposées. Le Contrat de vente de bois sur pied, ainsi que les Annexes ci-joints, sont parties intégrantes de la vente.

Le soussigné comprend également que, en plus des conditions établies en regard de cette vente, toutes les lois et tous les règlements de la Législature de la province d'Ontario sont présentement en vigueur ou le deviendront dans l'avenir. Tous les règlements établis selon les clauses de telles lois, qui s'appliquent habituellement de façon générale, lieront toutes les parties, et s'appliqueront aux opérations, de façon aussi complète et effective que s'ils avaient été inclus dans les Conditions de vente.

Nom complet de l'entreprise:		Ville/Village	Province
Adresse de l'entreprise: (rue)			
L'entreprise est: Compagnie enregistrée en partenariat, Individu utilisant un nom de firme, Individu			
En cas de partenariat, indiquez le nom des partenaires (Écrivez les prénoms et les noms complets)			
No. de téléphone	Signature autorisée		Nom (en caractères d'imprimerie)



**Conditions of Sale
SNC Forest Tender
SNC 5/7-2020**

1. Prior to the final acceptance of any bid by South Nation Conservation (SNC), the selected bidder (Purchaser) and their sub-contractor (if applicable), within ten (10) working days of being notified must submit the following:
 - a. Certificate of Public Liability and Property Damage Insurance in an amount not less than \$2,000,000.00 per occurrence. Without limiting the foregoing, such insurance coverage shall include Comprehensive General Liability (including third party liability coverage), Motor Vehicle Liability, Contractual Liability and Personal Injury. SNC is to be named as an "Additional Insured Party" on the certificate. The Contractor shall submit proof of such insurance in the form of a certificate which shall contain a firm undertaking by the insurer to give SNC 30 days' notice prior to any cancellation or modification of such insurance. If the Contractor fails to provide such insurance within 7 business days of receipt of the notification of award, which notice period SNC may extend, SNC at its sole option, shall have the right to terminate the contract.
 - b. An up-to-date copy of his Workplace Safety Insurance Board (WSIB) Clearance Certificate and Accident Frequency Rate documents. The accident frequency rate submission can be in the form of the "NEER Firm Summary Statement" or the "Cost and Frequency Record".
 - c. Copy of Workplace Safety North (formerly Ontario Forestry Safe Workplace Association) certification, or proof of registration for the training, that is appropriate for the equipment to be used for the work (i.e. Cutter/skidder operator, Mechanized Harvesting Equipment Operator, Feller-Buncher Operator, etc.). Proof of equivalent training from other provinces may be accepted.
 - d. Proof of contract to sell forest resources and/or be the owner/operator of a forest resource facility approved to process some or all of the forest resources being offered.

If any of the above is incomplete, or deemed not acceptable by SNC, the tender will not be awarded to the bidder.

2. The successful bidder shall enter into and sign a Stumpage Sale contract within ten (10) working days upon completion of # 1. The contract shall commence upon signing and shall be completed by March 31, 2022. The term may be extended in accordance with mutually agreed terms between the Purchaser and SNC. A fee of \$1,000 will apply to contract extension, unless SNC deems that there were factors that prevented completion within the designated timeframe (e.g. unfavorable weather conditions).
3. The tender for Forest Resources and Conditions of Sale will form part of the Stumpage Sale contract.
4. The successful bidder will immediately deposit with SNC upon signing of Stumpage Sale contract, a certified cheque in the amount equivalent to 10% of the total bid price to be held for the duration of this Agreement.



5. The successful bidder will deposit prior to the commencement of operations with SNC, an additional certified cheque in the amount equivalent to 10% of the total bid price to be held for the duration of this Agreement.
6. SNC reserves the right to limit the total number of tenders awarded to one bidder. If the successful bidder currently holds uncompleted awarded tenders from SNC or SDG, these tenders must be completed prior to commencing operations on tender SNC 5/7-2020.
7. If SNC awards two or more tenders to one bidder, the completion will still remain March 31, 2023.
8. SNC reserves the right to waive condition #6 or #7 if operating conditions limits harvesting on previously or newly awarded tenders.
9. SNC reserves the right to make minor corrections to tree marking consistent with the approved Forest Operation Prescription.
10. All bid prices are in cubic meters. The following conversions factors will be used.

SPECIES		
White Pine	1 M ³ =	854 Kg
Red Pine	1 M ³ =	980 Kg
Jack Pine	1 M ³ =	808 Kg
Scots Pine	1 M ³ =	808 Kg
Spruce	1 M ³ =	763 Kg
Tamarack / Larch	1 M ³ =	994 Kg
Maple	1 M ³ =	1,123 Kg
Hickory	1 M ³ =	929 Kg
Ash	1 M ³ =	941 Kg
Basswood	1 M ³ =	841 Kg
Poplar	1 M ³ =	918 Kg
Cedar	1 M ³ =	569 Kg
Mixed hardwood	1 M ³ =	998 Kg
Hardwood fuelwood	1 M ³ =	0.5 full cord of 8 foot roundwood fuelwood.
Conifer Sawlogs	1 M ³ =	173 fbm
Hardwood Sawlogs	1 M ³ =	198 fbm

11. A "Bill of Lading" system will be used to track wood movement off the site. Wood measure will take place at wood processing facility. On-site wood measurement may be considered in some cases.
12. The Purchaser is responsible to pay all costs associated with wood scaling.
13. Wood will be scaled at a weigh-scale approved by SNC or by other Ontario Ministry of Natural Resources approved metric scaling methods. Other methods, such as Ontario Log



Rule may be considered by SNC on a case-by-case basis. All scaling methods and locations must be approved by the SNC.

14. SNC requires that the Purchaser provide payment within 60 days of wood removed from the sale area. SNC requires that the purchaser provide Bill-of-Lading slips and mill gate receipts (mass) with payment. After 60 days, 15% annual interest could be applied to the amount owed to SNC.
15. All wood left at roadside for a period longer than 2 months after suspension or completion of operations will be scaled by a licensed scaler approved by SNC, unless other arrangements have been made. Payment for this wood shall be made to SNC based on the scale according to the rates in the contract (i.e. \$/m³).
16. SNC requires that the Purchaser's field supervisor and the operators who will perform the work attend a start-up meeting to review the operating conditions and standard operating procedures.
17. In addition to the regular Conditions of Sale as outlined in the contract, the following special operating conditions will also apply:

SITE SPECIFIC

TENDER	VALUE	SPECIAL OPERATING CONDITIONS
SNC 5/7	Creek	<ul style="list-style-type: none">- No harvest reserve on all steep slopes. Additional reserve of 15m from bank edge.
SNC 5/7	Drainage Ditches	<ul style="list-style-type: none">- No specific AOC. Avoid marking trees directly adjacent to ditch unless severely declining.- All crossings to be rehabilitated after use to ensure free flow of water.
SNC 5/7	Intermittent Watercourse	<ul style="list-style-type: none">- 15 Meter AOC from water's edge marked in orange. Reserve width is approximately 5 meters from bank edge. Minimize disturbance in remaining area of AOC by retaining crown closure of >70% and limiting vehicle traffic.
SNC 5/7	Goshawk	<ul style="list-style-type: none">- No harvest 50m reserve on active nest. Maintain 70% canopy closure in rest of Pw/ Pr plantations in SNC 5 to provide for future habitat and nesting sites.

Harvest Plan

SNC Forest

Owner: SNC

Compartment(s) 5 and 7

Township South Dundas (Matilda)

Lot and Conc. 25 - 27: VII

Prepared by: Martin Streit, R.P.F.

Date August 12, 2019

Signature _____

I certify that the forest operations prescribed in this Harvest Plan are appropriate for the actual conditions encountered.

R.P.F signature _____

Date ____ / ____ / ____
mm dd yy

R.P.F signature _____

Date ____ / ____ / ____
mm dd yy

Harvest Summary

Total Planned Timber Harvest Area: 39.3 Ha (net)		
Estimated Harvest Volumes:		
Species: Red Pine	600.8	GMT
Species: White Pine	521.0	GMT
Species: White Spruce	366.4	GMT

Comments / Issues:

Fledged goshawk chicks noted in stands B/ C Compartment 5: Nest to be located during marking.

Severe invasion of glossy buckthorn affecting regeneration success of Pw and Sw. Sw regeneration appears to survive better than Pw in heavy buckthorn areas



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General Forest Condition

Conifer plantations planted in the 1960s. Includes Pr, Pw and Sw, both pure stands and mixed. Stands have had at least one previous thinning. Quality of Pr and Pw is very good, Sw quality is average.

Access

(major problems, how much road construction anticipated, AOC crossings)

Hulbert Road. Season of access will be impacted by lower areas which are interspersed within the plantations.

Lines

What's required

Cut layout Red flagging on inside boundaries	Red dashed line on map
Private boundary -Red flagging	Solid red line on map. Plantation Boundaries and fences.
AOC Reserves - pink flagging Modified - orange flagging	

Values

Value	Description of Value	Prescription
Drainage Ditches	Shallow (< 1.5 meter depth) Intermittent drains, typically formed field boundaries.	No specific AOC. Avoid marking trees directly adjacent to ditch unless severely declining. All crossings to be rehabilitated after use to ensure free flow of water.
Intermittent Watercourse	Moderate to deep (> 1.5 meter depth) May be intermittent or permanent drains or natural watercourses.	15 Meter AOC from water's edge marked in orange. Reserve width is approximately 5 meters from bank edge. Minimize disturbance in remaining area of AOC by retaining crown closure of >70% and limiting vehicle traffic.
Creek	Permanent Stream	No harvest reserve on all steep slopes. Additional reserve of 15m from bank edge.
Goshawk	SNC 5: Active Goshawk Nest (3 fledged chicks confirmed in August 2019)	No harvest 50m reserve on active nest. Maintain 70% canopy closure in rest of Pw/ Pr plantations in SNC 5 to provide for future habitat and nesting sites.

Harvest Monitoring

Activity	Minimum Monitoring Frequency	Responsibility
Contract Tree Marking	- 1 inspection	SNC
Road Construction	- 1 inspection during project	
Harvest/ Skidding	- 1st inspection in first week of activity - 2 nd inspection within 2 weeks of 1 st inspection - 1 inspection for each 6 hectares harvested subsequently, or 1 inspection per month, whichever is less. - 1 formal logging damage assessment	
Wood Movement	- Ongoing	
Non-compliance	- Follow-up inspection within 5 days of a significant non-compliance report.	
Job Completion	- 1 at Completion	

TREATMENT BLOCK PRESCRIPTION	Block	Pr (Pw Sw) and Pw
Total Area for Treatment [ha]	Stands SNC 5 A, B, C 13.1 Ha Stands SNC 7 B, D 18.3 Ha (Pr/ Pw areas)	
<p>Description: 60-70 year old red pine plantations with varying components of planted Pw and Sw, and pure white pine plantations. Pine plantations are on sand caps interspersed with lowland hardwoods/ poplar. Stands have been thinned, rows (access) is generally established although not always.</p> <p>Some areas of the stands have high concentrations of small (up to 1m) Pw and Sw regeneration. Glossy buckthorn has invaded the forest and grows thickly up to 4m in height in some areas, creating competition challenges for the regeneration. Crown closure is 70 to 100%, BA is 40 to 45 m2/ ha, Height is 20-22m. Pw quality is better than average.</p>		
<p>OBJECTIVES: Commercial thinning, Increase growth of advanced Pw and Sw regeneration.</p>		
Stand Numbers:	SNC 5 A, B, C and portions of SNC 7 B, D	

TREE MARKING			
Paint colour scheme	Standard	"Other" marking	Other
Trees to harvest	All trees marked orange		
Trees to retain			
<p>Prescription Details:</p> <p>Pr (Pw-Sw) and Pw selection thinning. Reduce BA by 25-30% to 32 m2/ ha (30 - 34 M2/ ha) by removing UGS and thinning from below. Favour AGS Pw and Sw for retention: Crop trees should have at least 20-25% live crown. Maintain AGS hardwoods (not Ag), to enhance diversity and for seed source. Remove UGS hardwoods occurring within plantation. Create rows in previously unthinned areas (minor occurrence- remove every 4th row) Mark all declining stems in pockets of red pine decline.</p> <p>Careful logging will be critical on upland areas where Pw/ Sw regeneration is plentiful.</p>			
See AOC section of this FOP for marking prescription in Areas of Concern.			

HARVEST	
Permitted Harvest Timing:	
Estimated Volume per Hectare:	Tally trees as marking.
Species	gt/ha
Species	gt/ha
Species	gt/ha
Equipment & Harvest System	
Other:	

RENEWAL & TENDING
Followup chemical control of buckthorn in areas of Pw/ Sw regeneration recommended

Future Treatments (recommendation)
Next cut (time): 15-20 Years

Guidelines: unless directed otherwise, apply Standard Guidelines for Wildlife Trees and Uncommon Tree Species as attached.

TREATMENT BLOCK PRESCRIPTION	Block	Sw
Total Area for Treatment [ha]	Stand SNC 5 D 7.9 Ha. Pockets of pure Sw also occur in SNC 7 B and D	
<p>Description: 60- 70 year old Sw plantations on moist sites interspersed with low pockets of Po and Ms. Stand 5D has never been thinned. Sw areas in stands 7B and 7D have generally been thinned, although unthinned pockets exist.</p> <p>Crown closure varies from 70-100% depending on site, stocking and past thinning history. BA is typically 40- 45 m2/ ha in previously unthinned areas, 35-40 M2/ ha in previously thinned areas. Height is 16 to 20 m depending on site. Regeneration is primarily Ms, Ag and Ew. Glossy buckthorn has invaded the forest and grows thickly up to 4m in height in some areas.</p>		
OBJECTIVES : Commercial thinning.		
Stand Numbers:	SNC 5 D and portions of SNC 7 B and D	

TREE MARKING			
Paint colour scheme	Standard	"Other" marking	Other
Trees to harvest	All trees marked orange		
Trees to retain			
<p>Prescription Details:</p> <p>Previously unthinned portions of stands remove every third row, no selection. Previously thinned areas: Sw selection thinning. Reduce BA by 20-25% to 28-30 m²/ha by thinning from below (remove primarily poles) Increase spacing of dominant/ codominant Sw crop trees, remove declining stems. Maintain AGS other species, in particular Pw but not Ag, to enhance overstory diversity and for seed source.</p> <p>Bypass lowland hardwood dominated areas.</p>			
See AOC section of this FOP for marking prescription in Areas of Concern.			

HARVEST	
Permitted Harvest Timing:	
Estimated Volume per Hectare:	Cruise marked trees to determine volume estimate.
Species	gt/ha
Species	gt/ha
Species	gt/ha
Equipment & Harvest System	
Other:	

RENEWAL & TENDING
After harvest review status of glossy buckthorn for possible treatment.

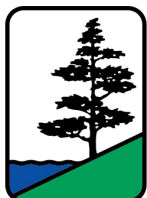
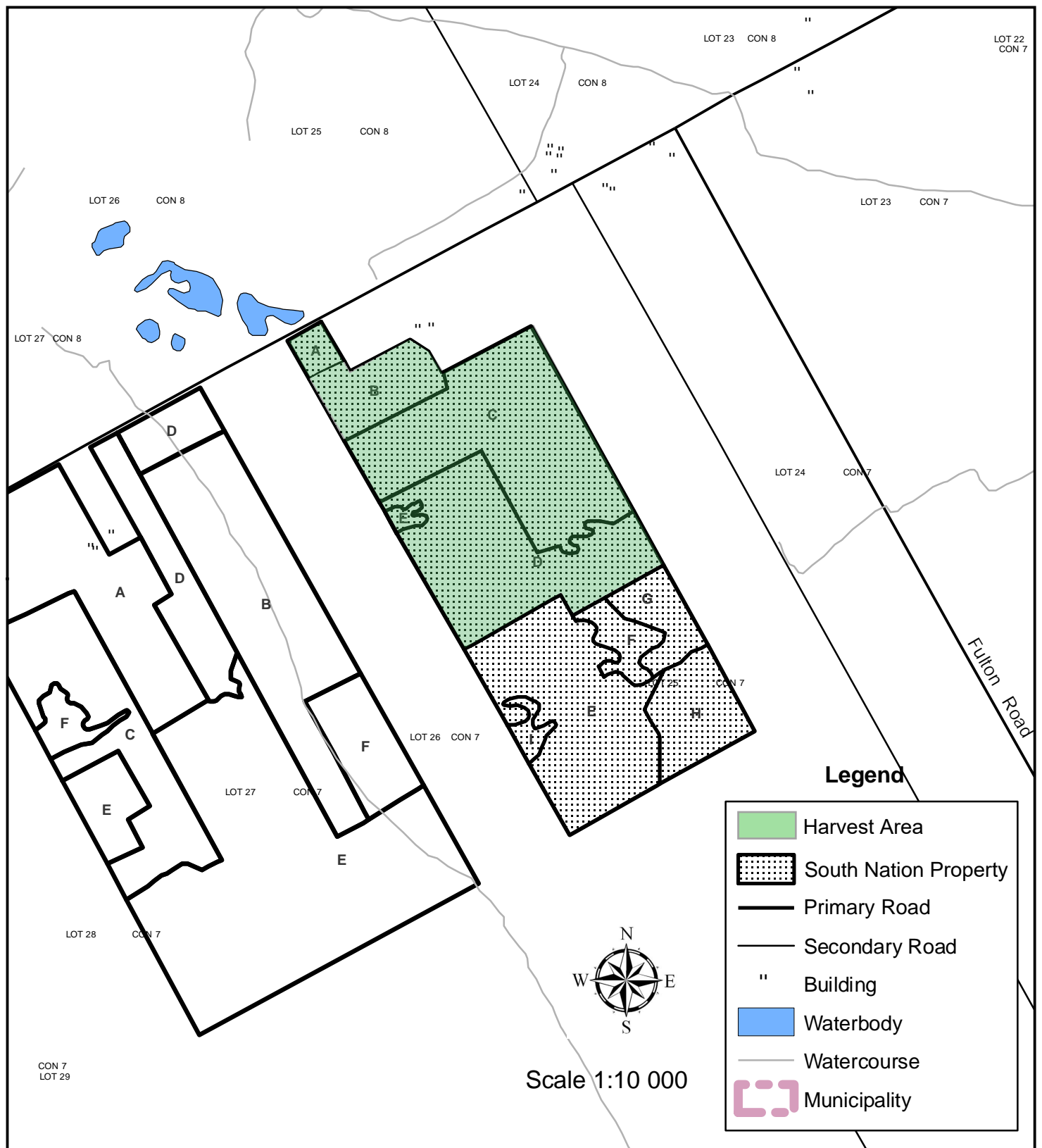
Future Treatments (recommendation)
Next cut (time): 15 - 20 Years

Guidelines: unless directed otherwise, apply Standard Guidelines for Wildlife Trees and Uncommon Tree Species as attached.

GUIDELINES FOR WILDLIFE TREES AND UNCOMMON TREE SPECIES
April 1, 2014

<u>Item</u>	Target	Details
1. Cavity Trees	Retain 10 per hectare <ul style="list-style-type: none"> – No Safety concerns – Minimum 25 cm dbh, >40 cm dbh preferred 	Property Rating: 1. Pileated Woodpecker Roost Trees 2. Pileated Woodpecker Nest Trees 3. Other Woodpecker Nest Trees 4. Escape Cavities 5. Feeding Cavities 6. Potential Cavity Trees Dispersion: uniform
2. Mast Trees	Retain 10 per hectare <ul style="list-style-type: none"> – dominant, co-dominant trees with vigorous crowns 	Priorities are Oak, Beech, Hickory, Butternut, Black Cherry, Basswood and Ironwood
3. Isolated Conifers	Retain 10 conifers/hectare when available <ul style="list-style-type: none"> – Minimum 25 cm dbh, >40 cm dbh preferred 	Priority species are white and red pine, red and white spruce and hemlock. Super-canopy trees are 1 st priority Dispersion: clumped
4. Stick Nests	Depends upon species	Notify forest technician immediately.
5. Uncommon Tree Species	Retention of AGS uncommon tree species will take preference over other crop tree priorities	3 categories 1. species reduced from historical distribution (e.g., white pine) 2. Species which make up a minor percentage of the stand (e.g., black cherry) 3. Species under stress (e.g. elm)
6. Butternut		Apply Direction from Management Plan
7. Wildlife Trees in Removal Cuts/Clearcuts	Retain 10 wildlife trees/hectare when available	Priority 1. Cavity Trees 2. Isolated Conifers 3. Mast Trees

Average Tree Size	Stem Target	Basal Area (m²/ha)	Approximate Spacing (see details: Dispersion)
35 cm	10 per hectare	1.0	30 m
40 cm	10 per hectare	1.25	30 m
45 cm	10 per hectare	1.6	30 m
50 cm	10 per hectare	2.0	30 m



SOUTH NATION
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Forest Compartment 5

Lot. NW1/4-25NE1/4-26, Con VII.
Matilda Twp
Roll No. 050600600841000
Dundas County



**SOUTH NATION
CONSERVATION**
DE LA NATION SUD

Forest Compartment 7
Lot. NE1/4027, Con VII
Matilda Twp
Roll No. 050600600843800
Dundas County