

MANAGED FOREST LANDS STEWARDSHIP FORESTRY PLAN

Name(s) and Address of Landowner(s):

John and Jane Doe Revocable Trust
1234 XYZ Drive
Any Town, WI 12345

Order # 00-000-0000

County: **Wilderness**

Town Name: **Timber**

Town: **00**; Range **0E**; Section(s) **36**

Total Plan Acreage: **80 acres**

Contract Length: **25 years**

Starting January 1, **2003** through December 31, **2027**

Attached maps show the location of Managed Forest Lands and the areas open or closed to public access.

The purpose of the Managed Forest Land Law is to encourage the growth of future commercial crops through sound forestry practices which consider the objectives of individual property owner, forest aesthetics, wildlife habitat, erosion control, protection of endangered or threatened plants and animals, and compatible recreational activities. Forestry under the law "means managing forest lands and their related resources, including trees and other plants, animals, soil, water and air." To guide the Department in fulfilling this stewardship objective, a statement of the owner's forest management objectives is required in the plan. The following statement has been provided either by the landowner or developed with the assistance of the Department. By signing this plan, the landowner(s) agree to comply with it. (The law specifically prohibits use of Managed Forest Lands for commercial recreation, industry, human residence, grazing of domestic livestock or other uses the Department deems incompatible with the practice of forestry.)

Landowner Objectives for Management of the Enrolled Lands:

Working with public and private foresters, I would like to develop and maintain a healthy forest stand and wildlife habitat to help insure that these beautiful Wisconsin resources will be there for my children's children.

The following pages include descriptions of vegetative or physical areas called "stands." Mandatory forestry practices which must be completed by the landowner(s) during the contract period are listed. Optional forestry activities may also be provided. Regarding mandatory practices, failure to complete them by the end of the specified year may result in withdrawal from the program and payment of a substantial withdrawal tax. The plan may be revised only with consent of both the landowner and the Department. If timber is to be harvested, a cutting notice on Department forms is required at least 30 days prior to cutting. Cutting under the notice may be commenced within one year of the date approved by the Department. Details concerning harvests, taxes, transfers, and other terms of the Managed Forest Law can be found under Chapter 77, subchapter IV, Wis. Stats., and in Chapter NR 46 of the Wisconsin Administrative Code. (Copies of the law or rules are available from the Department upon request. Landowners may also contact their local DNR forester for assistance.)

Key to Forest Cover Type Symbols

Productive

A	Aspen
BH	Bottomland Hardwoods
BW	White Birch
C	Cedar
CH	Central hardwoods, locust
FS	Fir-spruce, white spruce
HH	Hemlock-Hardwood
NH	Northern Hardwoods
O	Oak
OX	Scrub Oak
PJ	Jack Pine
PR	Red Pine, Scotch Pine
PW	White Pine
SB	Black Spruce
SC	Swamp Conifer
SH	Swamp Hardwood
T	Tamarack
W	Wooded (one or more types)

Non-Productive or non-forest

AX	Off-site Aspen	LB	Lowland Brush
F	Farmland/crop land	LBA	Tag Alder
FG	Grazed Pasture	LBB	Bog Birch
G	Grass	LBD	Dogwood
GH	Herbaceous vegetation	LBW	Shrub Willow
GLS	Low growing shrubs	LM	Minor Lake
I	Residential or commercial	LMS	Minor Stream
IA	Parking Area	O/	Other Ownership
ICG	Campground	P	Pasture
K	Keg/marsh	ROW	Right of Way
KB	Muskeg bog	SX	Noncommercial Swamp
KEV	Emergent Vegetation	SXC	Noncommercial Cedar
KG	Noncommercial lowland grass	SXSB	Noncommercial Bl. Spruce
KH	Noncommercial Herbaceous vegetation	SXT	Noncommercial Tamarack
L	Lake	UB	Upland Brush
		Z	Rock Outcrop

Key to Size Classes (DBH) - Diameter in inches at Breast Height:

0-5	Seedlings and Saplings	9-15/11-15	Small Sawtimber (Conifers/Hardwoods)
5-9 / 5-11	Pole timber (Conifers/Hardwoods)	15+	Large Sawtimber

Key to Stocking Levels (shown by superscripts after the size class):

<u>Symbol</u>	<u>Density</u>	<u>Volume (Cords or Board Feet / Acre)</u>			<u>Seedlings</u>	<u>Saplings</u>
		<u>Pole timber</u>	<u>Small Sawlogs</u>	<u>Large Sawlogs</u>		
1	Poor	1-7	1-1,000	1-2,500	1-300	1-300
2	Medium	8-13	1,001-2,500	2,501-5,000	301-1500	301-900
3	Good	14-20	2,501-4,000	5,001-8,000	1501+	901+
4	Very Good	21-30	4,001-6,000	8,001-10,000		
5	Excellent	31+	6,001+	10,001+		

County Cutting Notice (Section 26.03, Wis. Stats.):

A written declaration must be filed with the County Clerk prior to cutting any forest products. Note this is a separate notice from that filed with the Department as required under the Managed Forest Law (see below).

Forest Management Assistance:

Your DNR Forester, as well as Cooperating Consultant Foresters, are available to assist in the implementation or establishment of all forest stewardship practices outlined in your Plan. *It is highly recommended that landowners seek the assistance of a professional Forester before cutting any harvestable timber, both to assure that the timber is cut within sound management guidelines according to your Managed Forest Law plan, and to protect the landowners financial interests.*

Managed Forest Law Reference

Transfer of Ownership:

Only an entire parcel or a complete quarter-quarter section, government lot or fractional lot can be transferred, or withdrawal penalties will be applied. Complete DNR form 2450-159 within 30 days of purchase.

Public Access :

If designated open", then public hunting, fishing, sightseeing, hiking, and cross-country skiing must be allowed. The MFL map indicates the area designated open or closed.

Acreage Payment:

"Open" - \$.74/acre/year. "Closed" - \$1.74/acre/year. Adjusted in 1998 and every 5th year thereafter.

Cutting Notice:

DNR Cutting Notice form 2450-136 must be completed 30 days prior to cutting. Cutting must be in accordance with the approved Management Plan. Within 30 days after completion of cutting, or within one year of the Cutting Notice, a Cutting Report must be submitted. Landowners are billed for 5% of the value of merchantable timber cut based on DNR stumpage rates in effect (excludes firewood for personal home consumption).

Forest Management Guidelines:

Additional information on the management practices outlined in this Plan may be attached for your information and should be considered a part of this Plan.

DNR Forestry Website: Got a question or need a form? Visit our website at www.dnr.state.wi.us/org/land/forestry.

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GENERAL DESCRIPTION

This plan covers the back 80 acres of your property in Timber Township. The property was purchase just last year. There has been some logging activity as the northern forty was clearcut around 1998. The aspen has re-sprouted very well here and provides great cover and a good food supply for many animals. The remainder of your hardwood stands have been selectively marked for a thinning. It is not clear who did the marking but I have found the marking to be acceptable for the conditions in your hardwood stands. This thinning will be quite conservative but does follow the basic forestry concept of removing low vigor and poorer quality trees to favor better ones.

Another great feature of your property is the water resources. There is a small pond at the north end of the southern forty and a creek flowing south from the pond through the rest of the property. Careful attention to protecting the forest around the creek and pond will help to maintain the value of this area for wildlife as well as water quality. There are several old logging roads that cross the creek south of the pond. I recommend utilizing only one crossing and improving the crossing by adding rock to stabilize the creek bed. More information on stream crossings and other water quality concerns are included in the manual, Best Management Practices for Water Quality. You will find a copy of this in your folder.

The soils in your woodlands Milladore, Eau Claire, and Sherry silt loams. These are poorly drained to well-drained soils that have a loam to silty clay loam subsoil. They are found in the northeastern part of the county and in the eastern part of Timber County around the Wilderness area. The Eau Claire soils are found on the tops and sides of low hills while the Milladore soils are found on nearly level ground on upland plains. The Sherry soil is the wettest and is found in drainage ways. Sherry soils dominate your property with small areas of Milladore soil. Because of the heavy soils and wet conditions in portions of the year, all logging activity should be restricted to periods when the soil is sufficiently dry or frozen to prevent rutting and preserve the soil's productivity for growing trees.

I didn't find any insect or disease problems for you to be concerned with in your woods at this time. You should monitor your property for signs of forest pests each year. One insect pest to keep an eye out for is the gypsy moth, a non-native insect that feeds on the leaves of many trees. Gypsy moth is currently present in Wisconsin and may become a significant forest pest in the future. More information on this insect is included in your folder.

As of this date, there are no known threatened or endangered resources on your property.

The following tables summarize the property by individual stand and provide a schedule of activities for you to complete during the 25 year Managed Forest Law contract. Refer to your map for stand locations.

Stand Information Table

Stand #	Acres	Site Quality	Cover type	Stand Description	Management Objective
1	15	Variable site with some uplands and wet area too, silty soils	NH 11-15 ³ A 5-11 ²	This stand is found in the northern half of the south forty and contains a mixture of basswood, maple, ash, aspen, and oak. It is differentiated from the stands to the south by the amount of basswood in the stand. The aspen is over-mature and is dying off in the stand. Ash regeneration is common on the forest floor. Hornbeam shrubs/trees are also abundant and are limiting re-growth of desirable trees in some areas. Stand volumes are 13 cords and 3629 board feet per acre; basal area (a measure of tree crowding) is 100 square feet per	Grow hardwoods to large diameter for sawlogs and maintain a mature oak component for continued acorn production and den sites for wildlife. Encourage ash, basswood, and oak regeneration using group selection harvests to create small gaps where sunlight can reach new seedlings.

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Stand Information Table

Stand #	Acres	Site Quality	Cover type	Stand Description	Management Objective
2	11	Wetland site, silt loam soil	SH 11-15 ² SH 5-11 ¹	Stand 2 is the forested wetland running north to south through your land. It is moderately stocked with red maple, green ash, basswood, and swamp white oak. There are areas of open marsh in portions of this stand as well. Included in the stand are a small pond and a creek flowing south from the pond through the middle of the stand.	This stand is most valuable for protection of water quality on your land. The goal for the stand is to maintain the tree cover around the wetlands, pond, and creek. No timber management is needed due to low stocking levels and marginal timber quality. Another goal is to improve the stream crossing to stabilize soil and minimize erosion into the creek.
3	18	Variable site with upland and lowland pockets, silty soil	MR 15+ ⁴ MR 5-11 ³	Stand 3 is well stocked to over stocked with red maple sawtimber and poletimber. Other species present include aspen, green ash, swamp white oak, red oak, and some basswood (there is a small area in the southeast corner of the 80 that contains better quality northern hardwoods - sugar maple, white ash, and some yellow birch are found here). The red maple averages around 75 years in age. Green ash seedlings are common throughout the stand on the	Grow hardwoods to large diameter, high quality trees. Use periodic crop tree release thinnings to put growth on the better trees. Promote maple and ash regeneration using group selection harvests near the end of the MFL contract.
4	34	Level ground, wetter site, silty soils	A 0-5 ³	This is a young stand of aspen and associated hardwoods that has grown since the clearcut harvest around 1998. There are some older trees (oaks and maples) scattered throughout the stand that were not harvested in the timber sale. There are also two small patches of spruce along the western property line	Grow aspen for habitat for deer, grouse, and other wild life. Produce aspen and hardwood pulpwood and sawbolts when stand matures again, after this contract period. Maintain healthy oak in the stand for acorn production.
5	2	Level ground, silty soil	ROW	This is the right-of-way at the north end of the property.	Leave as is. The right-of way will be maintained as an opening by the power company. This area will be used by wildlife as a nesting site and a place to forage for food.

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Activity Schedule

Stand #	Priority	Time Period	Management Activity
1	Mandatory	2003 timber sale	<u>Improvement Thinning</u> : Complete the thinning as marked. This cut will remove mature aspen and poor quality hardwoods and improve future timber quality of the remaining trees. Based on the marking, residual stocking levels will be 70 square feet of basal area per acre. Complete the thinning in the year 2003 .
		2004 ironwood	In addition to the harvest of marked trees, cut out ironwood and musclewood
1	Mandatory	2020	<u>Group selection harvest</u> : A forester will inspect the stand in the year 2020 for a second harvest with a goal of improving growing conditions for young trees. If needed, the stand will be selectively marked to expand small openings created in the last harvest where a good stocking of young trees has developed. Areas of good quality poles will be selectively thinned to improve
2	Optional	2003	<u>Stream Crossing</u> : Close off one of your stream crossings and designate one crossing point. Improve the crossing by adding rock to develop a firm base for equipment and vehicles to cross the creek without rutting or disturbing the soil around the creek. See the information on Best Management Practices for
3	Mandatory	2003	<u>Improvement Thinning</u> : Complete the thinning as marked. This cut will remove mature aspen and poor quality hardwoods and improve future timber quality of the remaining trees. Based on the marking, residual stocking levels will be 100 to 110 square feet of basal area per acre. Complete the thinning in the year 2003 .
3	Mandatory	2020	<u>Group selection harvest</u> : A group selection harvest is also required in stand 3 in the year 2020 in conjunction with the harvest in stand 1. Follow the

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SUMMARY OF MANDATORY PRACTICES

Year	Stand #	Acres	Practice Required
2003	1 and 3	33	Improvement thinnings
2020	1 and 3	33	Selection harvests

Contact your DNR Forester if you are unclear about:
Sale or transfer of Managed Forest Law lands to other owners
Cutting Notice and Report forms
Establishing or completing required or optional practices
Federal or State cost sharing programs

Contact your DNR Forester prior to:
Completing mandatory or optional practices
Selling or transferring these lands to another owner
Filing Cutting Notice and Report Forms

Date Plan Prepared: September 20, 2002

Name and Address of the Plan Preparer:

Joe Forester
Wisconsin DNR Service Center
6789 ABC Avenue
Any town, WI 12345

Telephone: (000) 000-0000

The owner hereby agrees to comply with the terms of this forest stewardship management plan and the conditions of subch. VI, Ch. 77, Wis. Stats., and Ch. NR 46, Wis. Adm. Code. The landowner further agrees to amendment of the Petition for Designation to conform to the landowner objectives and map as included in this plan.

To be signed by the President and Secretary of a corporation or by the individual landowners (or legal agent, if any) as listed on the deed or other instrument of title.

Signature

Date Signed

Signature

Date Signed

(Attach additional signature pages, if needed.)

Approved for the Department of Natural Resources by:

Signature of DNR Forester

Date Signed