MANAGED FOREST LANDS
STEWARDSHIP FORESTRY PLAN

Landowner(s) as Shown on Deed:

JIM JANSSEN, GRETCHEN JANSSEN

Name and Address of Contact Person:

JIM JANSSEN

7642 GOLD COAST RD
CRANE LAKE, MN 55725-8010

Entry Period: 25 years **Starting** January 1, 2024 **Ending** December 31, 2048

Municipality(s): Town of Sterling (Polk County) **Total Acres:** 151.300

Attached map(s) show the location of Managed Forest Lands and the areas open or closed to public access.

Purpose and Expectations of the MFL Program

The purpose of the Managed Forest Land Law is to encourage the management of private forestlands for the production of future forest crops for commercial use through sound forestry practices, recognizing the objectives of individual property owners, compatible recreational uses, watershed protection, and development of wildlife habitat and accessibility of private property to the public for recreational purposes. Landowners who enroll in the MFL program pay a reduced property tax (acreage share tax). Landowners who close lands to public access pay an additional closed acreage fee. The Wisconsin Department of Natural Resources (WDNR) adjusts acreage share taxes and closed acreage fees every five years.

"Sound forestry practices" means timber cutting, transporting and forest cultural methods, recommended or approved by the department for the effective propagation and improvement of the various timber types common to Wisconsin. "Sound Forestry Practices" also may include, where consistent with landowner objectives and approved by the department, the management of forest resources other than trees including wildlife habitat, watersheds, aesthetics and endangered and threatened plant and animal species. The law prohibits the use of Managed Forest Lands for commercial recreation, industry, human residence, grazing of domestic livestock, or other uses the WDNR deems incompatible with the practice of forestry.

Management Plan

Your management plan identifies important program requirements and management practices prescribed for your property. The plan writer determines management practices based on stand conditions of your timber and site capability of your land. The plan writer prescribes a completion year for each mandatory practice. WDNR enters that year into their computer system and will remind you of mandatory practices one year prior to the completion date. The plan writer also recommends approved practices (non-mandatory), which you may complete at your discretion.

Your management plan is just one component of Wisconsin's strategy to promote, support and monitor sustainable forestry practices on privately owned lands. Other resources are available to provide you with the most current information available on natural resources management. You can access those resources on the WDNR public website using the addresses referenced in this plan. You are encouraged to consult this information regularly.

Contact your local Tax Law Forest Specialist for information about:

- **Requirements of the Managed Forest Law.**
- **The sale or transfer of Managed Forest Law lands to other owners.**

Management Plan Amendment

Your Tax Law Forestry Specialist will monitor your management plan throughout the MFL entry period to address concerns that are newly present or newly identified since the effective date of your plan. Management plan amendments may be recommended to maintain compliance with the provisions of subch. VI of ch. 77, Stats. and ch. NR 46 and in accordance with sound forestry. Amendments could be needed for a number of reasons, not limited to, changes in tree species, tree stocking, damage from weather (wind, ice, snow), insects and disease, forest fire, flooding, land management goals, new management information (silvicultural science), invasive species, fire management, riparian management zones, or presence of endangered, threatened or high conservation value species or communities. Amendments may include additional management activities or monitoring to ensure successful regeneration after a harvest. Amendments must be mutually agreed upon by you and the WDNR.

Landowner Goals

Your management plan blends your goals with site capabilities and MFL program requirements to guide your land management. You identified the following as your goals:

- Healthy forest ecosystem
- Deer and deer hunting
- Wildlife hapitat

Mandatory Practices

Mandatory practices must be completed or in progress by the end of the year listed below. You are encouraged to work with a cooperating forester to establish and administer timber sales. Use the Forestry Assistance Locator to find a cooperating forester; go to http://dnr.wi.gov and search 'Forest Landowner'.

Mandatory Practices Summary

YEAR	STAND(S)	ACRES	TIMBER TYPE	PRACTICE
2026	1	64	Scrub Oak	CLEARCUT REGENERATION HARVEST
2026	2	63	Jack Pine	CLEARCUT REGENERATION HARVEST
2026	4	6	Aspen	COPPICE REGENERATION HARVEST
2026	5	15	Scrub Oak	CLEARCUT REGENERATION HARVEST
2037	1	64	Scrub Oak	CLEARCUT REGENERATION HARVEST
2037	2	63	Jack Pine	CLEARCUT REGENERATION HARVEST
2037	4	6	Aspen	COPPICE REGENERATION HARVEST
2048	1	64	Scrub Oak	CLEARCUT REGENERATION HARVEST
2048	4	6	Aspen	COPPICE REGENERATION HARVEST

Cutting Notice

A Cutting Notice and Report (Form 2450-032) is required to be submitted to the Tax Law Forestry Specialist at least 30 days before a timber harvest occurs. This notice and report ensures that the harvesting of trees complies with the landowner's forest management plan and is consistent with sound forestry practices that are within the guidelines of the Department of Natural Resources Silviculture Handbook and the Forest Management Guidelines. To read these publications go to http://dnr.wi.gov and search "Forest Management".

Additionally, landowners must file a separate county cutting notice with the county clerk prior to any harvest.

Cutting Report

A Cutting Notice and Report (Form 2450-032) is required to be submitted to the DNR within 30 days of completing a timber harvest.

Approved (Non-Mandatory) Practices

There are many optional management practices to enhance the growth rate and species composition of your forest; improve wildlife habitat and recreational activities; increase carbon sequestration; reduce fire hazards on your property; to improve access; and to help you meet other goals. Many of these practices may be eligible for cost-share assistance under the Wisconsin Forest Landowner Grant Program (WFLGP). Listed below are practices common to all timber stands:

- Seeding and mowing of trails and openings – Please contact your local WDNR Wildlife Biologist for information about seed mixtures
- Maintaining snags, den trees, and “wolf” trees – Retain trees during timber harvests and improvement cuts
- Controlling invasive species

Summarized in the table below are approved practices that are specific to individual timber stands. To learn more wildlife friendly ideas, go to http://dnr.wi.gov and search ‘Wildlife’.

Approved (non-mandatory) Practices Summary for Individual Stands

YEAR	STAND(S)	ACRES	PRIMARY TYPE	PRACTICE
ANY	3	3	True Grasses	MAINTAIN GRASS OPENINGS

General Description of Areas Identified on Your MFL Property

Foresters combine areas of land with similar vegetative and non-vegetative characteristics for management purposes and call these areas “stands”. The plan describes these stands and you can view the stands on the MFL map(s). Listed below are the descriptions of forest and non-forest areas on your MFL property.

Aspen Forest

Aspen Forests consist predominately of trembling aspen (also known as quaking aspen and white popple) and bigtooth aspen (also known as yellow popple). Aspen forests in the northern parts of the state sometimes contain balsam poplar. Red maple, paper birch, balsam fir, red oak, white pine and other native trees commonly grow with Aspen. Aspen is a relatively short-lived tree that usually regenerates all at once following a major disturbance such as wind, fire or cutting. Aspen requires full sunlight and does not grow well in the shade of taller trees.

Aspen grows best on well-drained loamy soils but can do well within a wide range of soil conditions. Balsam poplar is often present in wetter soils in northern Wisconsin.

True Grass Lands

True Grasslands occur on upland sites and are predominately brome-grass, quackgrass, bluegrass, timothy, big and little bluestem, Indiangrass and other types of grasses. Many upland grasslands are former agricultural fields left fallow for a number of years that are unable to grow trees because of frost pockets or other environmental conditions. True grasses grow on a variety of soils.

Scrub Oak

Scrub Oak Forests consist of over 50% black oak, pin oak, white oak, or bur oak. Trees with low quality timber and slow growth rates characterize scrub oak forests, which are located on nutrient poor sites such as ridge tops and sandy soils. Trees commonly growing with these oaks may include aspen, red maple, white birch, hickory, black cherry, white pine or jack pine.

All oaks require significant disturbance of the forest, both overstory and understory, in order to regenerate. Scrub oak forests tend to regenerate the easiest of all oak forests since there is less competition from other trees on the nutrient poor sites. Fire is one tool that facilitates the regeneration and maintenance of oak forests. To regenerate oak, foresters commonly mimic the effects of fire using mechanical tools or chemical application.

Jack Pine Forest

Jack Pine Forests are composed of more than 50% jack pine. Red pine, white pine, oak, aspen and other native trees commonly grow with jack pine.

Jack pine needs full sunlight and regenerates after forest fires. Jack pine is declining in abundance in Wisconsin due to fire control efforts. It is a hardy species and is most common on dry sandy soils, but grows best on well-drained loamy sands. It also grows on wet sites.

Resource Protection and Management

Special records and inventories identify important natural, historical or archeological resources on or near your property. The plan writer designed your management practices to protect these resources from disturbance.

You can go to the WDNR website to find information used to evaluate stand conditions and determine management practices for your property. Go to http://wi.dnr.gov and search using the keywords shown.

- To learn about Ecological Landscapes of Wisconsin, search for ‘Landscapes’.
- To learn about Wildlife Management, Habitat and Natural Communities, search for ‘Wildlife’ and 'Biodiversity'.
- To see the Wisconsin Wildlife Action Plan, and from there Explore Species Profiles, search for ‘ER’ or 'Wildlife'.

Your lands lie within a landscape known as Northwest Sands. You can find an overview of the landscape, species of greatest conservation need, management opportunities and much more. Go to: http://dnr.wi.gov and search Landscapes.

Endangered, Threatened and Special Concern Species and Plant Communities

Natural Heritage Inventory (NHI) searches determine if your plan may affect endangered, threatened, or special concern animals, plants or plant communities. To learn about rare plants, animals and natural plant communities in Wisconsin visit http://dnr.wi.gov and search for ‘NHI’.

The Natural Heritage Inventory (NHI) review showed that there are known Endangered, Threatened or Special Concern Species or Natural Communities on or in the area surrounding your property but suitable habitat for them is not found on your property.

When implementing management practices, mitigation is recommended to minimize potential legal liability arising out of the management practices, for example:

- Best management practices that protect water quality and habitat for rare or aquatic species
- Harvest limits or restrictions to avoid impacts to nesting birds or NHI Working List species
- Surveys for rare species prior to timber sale establishment

Archeological and Historical Resources

State Historical Society records searches determine if your plan may affect archeological and historical sites. These sites require protection from disturbance, including road building, grading or gravelling. Contact your local Tax Law Forestry Specialist for additional information on archaeological and historical sites.

The Archeological Resources Inventory lists no archeological resources within this MFL property.

The Historical Resources Inventory lists no historical resources within this MFL property.

Invasive Plant Species

Invasive plants may decrease the productivity, regeneration, wildlife habitat, and recreational value of your property. It is essential to identify and control small populations of invasive plants to minimize their spread. The individual stand descriptions list any invasive plant species identified on your property. If you will be conducting a timber harvest on your MFL property, especially one focused on establishing or releasing small seedlings, you may be required to control the invasive plants or other competing vegetation to ensure that desired tree species have room to grow. For more information on invasive plant control, consult the Wisconsin Council on Forestry's website on Invasive Species Best Management Practices for Forestry.

Best Management Practices for Water Quality (BMPs)

To protect the water quality in Wisconsin's lakes, streams and wetlands and to prevent soil erosion, it is recommended that you implement *Wisconsin's Forestry Best Management Practices for Water Quality* during all forest management activities, such as road building or timber harvesting. However, you are required to implement soil erosion controls during all forest management activities. Specific BMPs will be included in detailed practice or harvest plans. You may require water regulations permits to cross wetlands and streams. Please go to http://dnr.wi.gov and search 'Forest Management' to review all BMPs for water quality.

Forest Health

Over time, your forest may suffer from insects, disease, windstorm, fire, flooding or drought, etc. These problems may alter your management prescriptions. If you are concerned about forest health, please contact your local Tax Law Forestry Specialist or go to http://dnr.wi.gov and search 'Forest health'.

STAND NUMBER 1		64 Acres
Primary Type:	**Scrub Oak -- Large Sawtimber**	
Secondary Type:	**Scrub Oak -- Poletimber**	

Stand Information

The most abundant tree species in this stand include Northern Pin Oak (62%), Jack Pine (23%), White Oak (10%) and Red Maple (6%).

These trees make up an even aged stand that originated about 1949. Tree ages in even-aged stands may vary slightly, but the trees began growing in relatively the same period.

Soil type, moisture and nutrient availability affect site quality, which limits the kind of tree species that will grow on a site, as well as the growth rate and quality of individual trees. Soil productivity also determines the amount of timber harvesting sustainable over time. It also affects other forest attributes, such as wildlife habitat and biodiversity.

This stand has a sandy soil. Sand-sized particles make up 85% or more of this soil, along with up to 15% silt plus clay. Sand particles are larger than silt or clay particles, making these soils drain rapidly. Sandy soils tend to be droughty and nutrient-poor. Trees that are adapted to grow on sandy soils can be either short- or long-lived, and must be able to tolerate extended periods of drought. These soils may be unsuitable for whole-tree harvesting and the harvest of fine woody material because of their potential for nutrient depletion.

Stand Conditions, Special Features or Characteristics

This stand of scrub oak and Jack pine is located on rolling topography. The soil series is Shawano fine sand with both poor nutrient and water hold capacity. The oak and pine are mature and needs to be harvested and regenerated. This can be done over three cuts scheduled 2026, 2037 and 2048. Harvest any pockets where oak wilt is present along with stand #5 in 2026. Divide the remaining harvests between 2037 and 2048. Obtain the assistance of a qualified, professional forester to determine the areas to be harvested during each cut. Areas to be harvest should be clearcut by felling all trees within the harvest areas as both oak and Jack pine regenerate and grow best in full, open sunlight. Both species will regenerate naturally following cutting operations. Consider leaving scattered, large, white pine or better quality white oak trees as residual sentinels and to provide seed for the next generation.

Management (Silvicultural) System

Manage and regenerate this stand within generally accepted silvicultural guidelines for the primary type according to the following management system.

NATURAL EVEN-AGED REGENERATION OF TIMBER TYPE WITHOUT FUTURE THINNING -- Manage the stand through its rotation (the period between initial regeneration and the stand’s final cutting) as a single aged forest. Regeneration cutting will remove the old stand to provide the necessary open conditions and sunlight to regenerate the stand naturally.

Year Scheduled	Mandatory Practice
2026	CLEARCUT REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This clearcut regeneration method allows trees to regenerate naturally from seed produced by adjacent timber stands or trees cut in the harvest operation. To improve the regeneration results, time your regeneration and site preparation practices to take advantage of good seed years. Variations of clearcut regeneration include uniform, alternate strip or patch, progressive strip or patch, and without reserve trees. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.
2037	CLEARCUT REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This clearcut regeneration method allows trees to regenerate naturally from seed produced by adjacent timber stands or trees cut in the harvest operation. To improve the regeneration results, time your regeneration and site preparation practices to take advantage of good seed years. Variations of clearcut regeneration include uniform, alternate strip or patch, progressive strip or patch, and without reserve trees. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.
2048	CLEARCUT REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This clearcut regeneration method allows trees to regenerate naturally from seed produced by adjacent timber stands or trees cut in the harvest operation. To improve the regeneration results, time your regeneration and site preparation practices to take advantage of good seed years. Variations of clearcut regeneration include uniform, alternate strip or patch, progressive strip or patch, and without reserve trees. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.

STAND NUMBER 2		63 Acres
Primary Type:	**Jack Pine Forest -- Poletimber**	
Secondary Type:	**Scrub Oak -- Poletimber**	

Stand Information

The most abundant tree species in this stand include Jack Pine (66%), Northern Pin Oak (21%), White Oak (7%) and Red Maple (5%).

These trees make up an even aged stand that originated about 1953. Tree ages in even-aged stands may vary slightly, but the trees began growing in relatively the same period.

Soil type, moisture and nutrient availability affect site quality, which limits the kind of tree species that will grow on a site, as well as the growth rate and quality of individual trees. Soil productivity also determines the amount of timber harvesting sustainable over time. It also affects other forest attributes, such as wildlife habitat and biodiversity.

This stand has a sandy soil. Sand-sized particles make up 85% or more of this soil, along with up to 15% silt plus clay. Sand particles are larger than silt or clay particles, making these soils drain rapidly. Sandy soils tend to be droughty and nutrient-poor. Trees that are adapted to grow on sandy soils can be either short- or long-lived, and must be able to tolerate extended periods of drought. These soils may be unsuitable for whole-tree harvesting and the harvest of fine woody material because of their potential for nutrient depletion.

Stand Conditions, Special Features or Characteristics

This stand is similar to stands 1 and 5, but Jack pine is the predominant species here with pin oak as a minor component. The soil series is Shawano fine sand on rolling topography. The Jack pine is old, but thriving well now. This pine needs to be harvested and regenerated over the next two harvest operations. This can be done over two cuts scheduled in 2026 and 2037. Divide the harvest of the Jack pine between the 2 cuts. Obtain the assistance of a qualified, professional forester to determine the areas to be harvested during each cut. Areas to be harvest should be clearcut by felling all trees within the harvest areas as both Jack pine and oak regenerate and grow best in full, open sunlight. Both species will regenerate naturally following cutting operations. Consider leaving scattered, large, white pine or better quality pin oak trees as residual sentinels and to provide seed for the next generation.

Management (Silvicultural) System

Manage and regenerate this stand within generally accepted silvicultural guidelines for the primary type according to the following management system.

NATURAL EVEN-AGED REGENERATION OF TIMBER TYPE WITHOUT FUTURE THINNING -- Manage the stand through its rotation (the period between initial regeneration and the stand’s final cutting) as a single aged forest. Regeneration cutting will remove the old stand to provide the necessary open conditions and sunlight to regenerate the stand naturally.

Year Scheduled	Mandatory Practice
2026	CLEARCUT REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This clearcut regeneration method allows trees to regenerate naturally from seed produced by adjacent timber stands or trees cut in the harvest operation. To improve the regeneration results, time your regeneration and site preparation practices to take advantage of good seed years. Variations of clearcut regeneration include uniform, alternate strip or patch, progressive strip or patch, and without reserve trees. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.
2037	CLEARCUT REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This clearcut regeneration method allows trees to regenerate naturally from seed produced by adjacent timber stands or trees cut in the harvest operation. To improve the regeneration results, time your regeneration and site preparation practices to take advantage of good seed years. Variations of clearcut regeneration include uniform, alternate strip or patch, progressive strip or patch, and without reserve trees. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.

STAND NUMBER 3		3 Acres
Primary Type:	**True Grass Lands**	
Secondary Type:		

Stand Information

Soil type, moisture and nutrient availability affect site quality, which limits the kind of tree species that will grow on a site, as well as the growth rate and quality of individual trees. Soil productivity also determines the amount of timber harvesting sustainable over time. It also affects other forest attributes, such as wildlife habitat and biodiversity.

This stand has a sandy soil. Sand-sized particles make up 85% or more of this soil, along with up to 15% silt plus clay. Sand particles are larger than silt or clay particles, making these soils drain rapidly. Sandy soils tend to be droughty and nutrient-poor. Trees that are adapted to grow on sandy soils can be either short- or long-lived, and must be able to tolerate extended periods of drought. These soils may be unsuitable for whole-tree harvesting and the harvest of fine woody material because of their potential for nutrient depletion.

This area does not meet the minimum qualifications of a forest because it is either not stocked with trees or does not have the minimum number of trees or timber volume per acre. Under the Managed Forest Law Program, you can enter areas like this under the non-productive category. This area, as well as other non-productive areas, cannot exceed 20% of the total enrolled acreage.

Stand Conditions, Special Features or Characteristics

This stand actually consists of scattered grass openings providing good habitat diversity on the landscape. Maintain these openings by keeping woody vegetation from encroaching and taking over these openings. Periodic mowing with a brush hog or flail mower works well. Cutting woody vegetation can also be accomplished by cutting brush with a hand weed whip or a string trimmer equipped with a brush cutting blade.

Management (Silvicultural) System

Manage and regenerate this stand within generally accepted silvicultural guidelines for the primary type according to the following management system.

NO SILVICULTURAL SYSTEM APPLICABLE -- This stand has been designated as non-productive. If you choose to passively manage this stand, it will be subject to natural processes like forest succession, wildlife and insect activity, tree aging and decay, windstorms, fire, etc. If you choose to actively manage this stand, in the future a new silvicultural system and management practices must be prescribed.

Year Scheduled	Approved (Non-Mandatory) Practice
ANY	MAINTAIN GRASS OPENINGS. Keeping scattered grass opening in a grass condition requires periodic treatment to keep woody vegetation from encroaching into these important openings. Periodically cut or kill encroaching wood plants by cutting with a mower, brush hog or flail mower. Powered brush cutters and hand weed whips can also accomplish this task. The plan preparer changed the date of this harvest to create different age classes of the trees for ruffed grouse and other wildlife in accordance with your stated goals. Prepare your site by pulling, cutting or girdling competing vegetation with chain saws, hand saws, weed whips, brush saws, etc.

STAND NUMBER 4		6 Acres
Primary Type:	**Aspen Forest -- Poletimber**	
Secondary Type:	**Oak Forest -- Small Sawtimber**	

Stand Information

The most abundant tree species in this stand include Aspen (67%), Northern Pin Oak (19%), Jack Pine (10%) and White Oak (5%).

These trees make up an even aged stand that originated about 1962. Tree ages in even-aged stands may vary slightly, but the trees began growing in relatively the same period.

Soil type, moisture and nutrient availability affect site quality, which limits the kind of tree species that will grow on a site, as well as the growth rate and quality of individual trees. Soil productivity also determines the amount of timber harvesting sustainable over time. It also affects other forest attributes, such as wildlife habitat and biodiversity.

This stand has a sandy soil. Sand-sized particles make up 85% or more of this soil, along with up to 15% silt plus clay. Sand particles are larger than silt or clay particles, making these soils drain rapidly. Sandy soils tend to be droughty and nutrient-poor. Trees that are adapted to grow on sandy soils can be either short- or long-lived, and must be able to tolerate extended periods of drought. These soils may be unsuitable for whole-tree harvesting and the harvest of fine woody material because of their potential for nutrient depletion.

Stand Conditions, Special Features or Characteristics

This stand of aspen consists of several pockets or small stands interspersed with the oak in stand #1. Northern pin oak and Jack pine also exist within the stand. The soil series is Shawano fine sand with both poor nutrient and water hold capacity. The aspen is mature, but is in overall good health for it's age. Some aspen appears old and is showing signs of decay by the presence of fungus conks on the stems while other pockets appear healthy and more vigorous. To keep some aspen on the landscape, harvest the oldest, less vigorous aspen in 2026. Harvest another portion in 2037 and the final cut in 2048. Obtain the assistance of a qualified, professional forester to determine the areas to be harvested during each cut. Areas to be harvested should be clearcut by felling all trees within the harvest areas and allow the aspen to regenerate naturally by root sprouts.

Management (Silvicultural) System

Manage and regenerate this stand within generally accepted silvicultural guidelines for the primary type according to the following management system.

NATURAL EVEN-AGED REGENERATION OF TIMBER TYPE WITHOUT FUTURE THINNING -- Manage the stand through its rotation (the period between initial regeneration and the stand’s final cutting) as a single aged forest. Regeneration cutting will remove the old stand to provide the necessary open conditions and sunlight to regenerate the stand naturally.

Year Scheduled	Mandatory Practice
2026	COPPICE REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This coppice regeneration method naturally allows trees to regenerate vigorously from root and/or stump sprouts after harvest. Variations of coppice regeneration include simple and compound. The plan preparer changed the date of this harvest to create different age classes of the trees for ruffed grouse and other wildlife in accordance with your stated goals. The plan preparer modified the shape of this timber stand to meet your goals of creating or maintaining wildlife habitat. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.
2037	COPPICE REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This coppice regeneration method naturally allows trees to regenerate vigorously from root and/or stump sprouts after harvest. Variations of coppice regeneration include simple and compound. The plan preparer changed the date of this harvest to create different age classes of the trees for ruffed grouse and other wildlife in accordance with your stated goals. The plan preparer modified the shape of this timber stand to meet your goals of creating or maintaining wildlife habitat. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.
2048	COPPICE REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This coppice regeneration method naturally allows trees to regenerate vigorously from root and/or stump sprouts after harvest. Variations of coppice regeneration include simple and compound. The plan preparer changed the date of this harvest to create different age classes of the trees for ruffed grouse and other wildlife in accordance with your stated goals. The plan preparer modified the shape of this timber stand to meet your goals of creating or maintaining wildlife habitat. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.

STAND NUMBER 5		15 Acres
Primary Type:	**Scrub Oak -- Large Sawtimber**	
Secondary Type:	**Scrub Oak -- Poletimber**	

Stand Information

The most abundant tree species in this stand include Northern Pin Oak (62%), Jack Pine (23%), White Oak (10%) and Red Maple (6%).

These trees make up an even aged stand that originated about 1949. Tree ages in even-aged stands may vary slightly, but the trees began growing in relatively the same period.

Soil type, moisture and nutrient availability affect site quality, which limits the kind of tree species that will grow on a site, as well as the growth rate and quality of individual trees. Soil productivity also determines the amount of timber harvesting sustainable over time. It also affects other forest attributes, such as wildlife habitat and biodiversity.

This stand has a sandy soil. Sand-sized particles make up 85% or more of this soil, along with up to 15% silt plus clay. Sand particles are larger than silt or clay particles, making these soils drain rapidly. Sandy soils tend to be droughty and nutrient-poor. Trees that are adapted to grow on sandy soils can be either short- or long-lived, and must be able to tolerate extended periods of drought. These soils may be unsuitable for whole-tree harvesting and the harvest of fine woody material because of their potential for nutrient depletion.

Stand Conditions, Special Features or Characteristics

Stand 5 is the same as stand 1 except oak wilt is present in this stand and is having a significant impact on the norther pin oak. The soil series is Shawano fine sand with both poor nutrient and water hold capacity. This stand needs attention first to help arrest the impacts of the oak wilt and get this stand regenerated. Obtain the assistance of a qualified, professional forester to determine the approach for this stand and to integrate other cuts on your property by 2026. Areas to be harvest should be clearcut by felling all trees within the harvest areas as both oak and Jack pine regenerate and grow best in full, open sunlight. Both species will regenerate naturally following cutting operations. Consider leaving scattered, large, white pine or better quality white oak trees as residual sentinels and to provide seed for the next generation. Also, white oak tends to be resistant to oak wilt disease and the sweet acorns provide quality food for a variety of wildlife species.

Management (Silvicultural) System

Manage and regenerate this stand within generally accepted silvicultural guidelines for the primary type according to the following management system.

NATURAL EVEN-AGED REGENERATION OF TIMBER TYPE WITHOUT FUTURE THINNING -- Manage the stand through its rotation (the period between initial regeneration and the stand's final cutting) as a single aged forest. Regeneration cutting will remove the old stand to provide the necessary open conditions and sunlight to regenerate the stand naturally.

Year Scheduled	Mandatory Practice
2026	CLEARCUT REGENERATION HARVEST. Regenerate this stand by cutting all trees except designated reserved trees. This clearcut regeneration method allows trees to regenerate naturally from seed produced by adjacent timber stands or trees cut in the harvest operation. To improve the regeneration results, time your regeneration and site preparation practices to take advantage of good seed years. Variations of clearcut regeneration include uniform, alternate strip or patch, progressive strip or patch, and without reserve trees. For most Wisconsin forest types, adequate tree reproduction will be established in 3-5 years following the regeneration practice or additional management practices may be required to ensure successful tree reproduction. Some forest stands may need a longer regeneration period, but these situations must be documented and closely monitored to ensure success. Examples of additional management may include hand planting, controlling competing vegetation, or providing tree protection. As the landowner, you should be aware of the need for these potential follow-up actions, and that they may be required in order to complete this mandatory practice.

ADDITIONAL INFORMATION FOR MANAGEMENT OF YOUR PROPERTY

Cost Share on Forest Management or Tree Planting

Lands enrolled in the MFL program must be maintained at 400 trees per acre for plantations and 800 trees per acre for natural stands.

Programs are available to help share the cost of implementing certain forest management or tree planting projects. You can find more information about financial help and cost share programs; go to http://dnr.wi.gov and search 'Forest Landowner'.

You can purchase seedlings through the state nursery program. To learn more about tree availability or to create your own tree planting plan visit: http://dnr.wi.gov and search 'Tree planting'.

Timber Harvest Contracts

It is very important that you and your logging contractor have a written and signed contract to guide the harvesting process before starting any harvesting. For more information on writing contracts for timber sales please visit http://dnr.wi.gov and search 'Forest Landowner'.

Non-Timber Forest Products

You may harvest non-timber products, including but not limited to mushrooms, berries, ferns, evergreen boughs, cones, nuts, seeds, maple sap, bark, twigs, moss, and edible and/or medicinal plants. Wisconsin statutes may regulate some of these non-timber products, such as ginseng. Others might be threatened or endangered species, and protected by law. Follow all applicable laws when harvesting non-timber products. You must take care to prevent over-harvesting and reducing biological diversity and ecosystem functions. For additional information on how harvesting of non-timber forest products will affect management of your forestland please contact your local Tax Law Forestry Specialist using the Forestry Assistance Locator; go to http://dnr.wi.gov and search 'Forest Landowner '.

Forest Certification

Lands entered into the MFL program may be included in the MFL Certified Group. The MFL program is certified under the American Tree Farm System® (ATFS®) and the Forest Stewardship Council® (FSC®). Regardless of whether lands are included in the MFL Certified Group, all rules and regulations of the MFL program must be followed.

This certification is voluntary and at no additional cost. You can choose to be included in the MFL Certified Group when enrolling your land in MFL, if you purchase MFL lands, or at any time during your enrollment. If you wish to apply or depart from the MFL Certified Group, you must file the Managed Forest Law Certified Group Application/Departure Request (form 2450-192). Departure from the MFL Certified Group does not affect your MFL designation.

Third party certification is beneficial in many ways, some of which are the ability to sell to the certified marketplace; future ability to participate in carbon markets; and an opportunity to educate the public about the importance of well managed private forests.

Specific group member duties include:

1. Petitioning for MFL designation
2. Agreeing to follow a WDNR-approved forest management plan
3. Conforming to MFL statutes and regulations
4. Conforming to ATFS® and FSC® certification standards, including any measures that might go beyond those stipulated in MFL statutes or administrative rules or other state, federal or local laws – Some features that are emphasized in the ATFS® or FSC® standards include:
    a. Allowing access for MFL Group forest certification field audits
    b. When needed, using pesticides not prohibited by FSC®. You can find a list of FSC® prohibited pesticides on the MFL Certification page; go to http://dnr.wi.gov and search 'Forest Certification'. Landowners should self-report pesticide use on their lands using the online form on the same webpage.
    c. Not planting Genetically Modified Organisms (GMO) in the forest

d. Keeping forest products harvested from MFL Group land separate from products harvested from non-MFL Group land during commercial harvest operations
e. Endeavoring to adhere to Wisconsin Forestry Best Management Practices
f. Striving to consider appropriate liability insurance and safety requirements in timber sales and other contracts
g. Using the ATFS® and FSC® logos in conformance with their trademark policies
h. Resolving disputes with easement holders, lien holders and holders of management rights in an expeditious manner.

For more information about forest certification, please contact your Tax Law Forestry Specialist or visit http://dnr.wi.gov and search for 'Forest Certification'

Wildfire Prevention and Planning

Every year in Wisconsin, thousands of wildfires occur, destroying dozens of structures and threatening to burn hundreds more. An increasing number of people living and recreating in Wisconsin's wildland-urban interface is creating a growing need for fire prevention and planning for fires that will inevitably occur.

Because of their proximity to forested lands, there is the potential for homes and property to be at significant risk of damage or destruction in the event of a wildfire. As part of the landscape planning process, it is important to determine the level of danger to properties and learn how to mitigate those dangers.

You can take action to reduce the exposure of your home or property to fire. Use fire resistant building materials, incorporate fuel breaks into the landscape, and know the local burning restrictions.

For more information on fire danger and burning permit restrictions, go to http://dnr.wi.gov and search 'Fire'. For more information on making your home and property more survivable in the event of a wildfire, go to http://dnr.wi.gov and search 'Firewise'.

Forest Carbon

Forests are a significant piece of the global carbon cycle because of their ability to absorb and sequester carbon dioxide. Learn how your forest adds to the global carbon balance and be aware of the rules affecting your participation in forest carbon markets. For information, visit the US Forest Service website: http://www.na.fs.fed.us/ecosystemservices/carbon/.

Lands Enrolled in the MFL Program

In conjunction with your MFL maps and air photos, this land information helps you to identify your lands enrolled in the MFL program.

Town/Range/Section	Legal Description	Tax Parcel ID No.	Certified Survey Map Information	Enrolled Acreage	
				Open to Public Access	Closed to Public Access
County: Polk		Municipality: Town of Sterling			
36N-19W-10	SWSW	046-00214-0000		0.000	41.300
36N-19W-10	SESW, PART OF	046-00215-0000		0.000	41.000
36N-19W-15	NWNE, PART OF	046-00335-0000		0.000	29.000
36N-19W-15	NENW	046-00339-0000		0.000	40.000
			Total Acreage:	0.000	151.300

Forester Contact Information

Contact your local Tax Law Forestry Specialist for information about:

- **Requirements of the Managed Forest Law.**
- **The sale or transfer of Managed Forest Law lands to other owners.**

Plan Preparer Contact Information	Tax Law Forestry Specialist Contact Information
KILDOW, BRAD	WILLIAMS, SAMUEL
KILDOW FORESTRY LLC	DEPARTMENT OF NATURAL RESOURCES
W8314 FOX RD. SPOONER, WI 54801	PO BOX 397 CUMBERLAND, WI 54829-0397
(715) 416-1595	(715) 416-1836
KILDOWFORESTRY@GMAIL.COM	SAMUEL.WILLIAMS@WISCONSIN.GOV

Owners Acceptance and Agreement to the Management Plan

All owners must read and complete the following

Note: These certifications do not supersede or in any way affect certifications on any application or transfer form associated with this order and signed by the landowner.

I/We have read and understand the management plan I/we are agreeing to follow.

I/We understand and agree that I/we are responsible for and intend to comply with the management plan and all other requirements of the MFL program including: (i) Subchapter VI of Chapter 77, Wis. Stats., (ii) Subchapter III of Chapter NR 46, Wis. Adm. Code.

All Owners must sign, including life estate holders if applicable.

Name (please print)	Signature	Date Signed
JANSSEN, GRETCHEN		
JANSSEN, JIM		

☐ Only check this box if using an electronic signature service. By using electronic signatures I agree to the DNR Forest Tax Section's ("Tax Law") terms and conditions for electronic signatures found at https://dnr.wisconsin.gov/ by searching "Tax law electronic signatures".