



Vision • Commitment • Pride

# FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:  
Greene County BOE

Prepared By:  
James Shumpert  
MS Forestry Commission

Time Period Covered by This Plan:  
2012 - 2021

Date Plan Prepared:  
2012-02-17

Plan Type:  
Stewardship / Stewardship

This plan was developed in accordance with the rules of the Stewardship program.

**Property Name: S16 - T1N - R8W**

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

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**LANDOWNER INFORMATION**

Name: Greene County BOE  
Mailing Address: 528 West Oak Street  
City, State, Zip: Leakesville, MS 39451  
Country: United States of America  
Contact Numbers: Home Number:  
Office Number: 601-394-2364  
Fax Number: 601-394-5542  
  
E-mail Address:  
Social Security Number (optional): 646000392

**FORESTER INFORMATION**

Name: James Shumpert , Service Forester  
Forester Number: 02470  
Organization: MS Forestry Commission  
Street Address: P.O. Box 428  
City, State, Zip: Leakesville , MS 39451  
Contact Numbers: Office Number: 601-394-2785  
Fax Number: 601-947-2947  
  
E-mail Address: jshumpert@mfc.state.ms.us

**PROPERTY LOCATION**

County:	Greene	Total Acres:	639	Latitude:	-88.8	Longitude:	31.05
Section:	16	Township:	1N	Range:	8W		

**DISCLAIMER**

This information was derived from a small sampling of the forest resources. It reflects a statistical estimation that is only intended to be accurate enough for the purposes of making decisions for the short-term management of these resources. These estimations are temporally static. Events and circumstances may occur within the survey area that will physically alter the forest resources and therefore will not be reflected in this plan.

**INTRODUCTION**

This Forest Stewardship Management Plan will serve as a guide for accomplishing the goals and objectives for your property. In addition to addressing your specific goals and objectives, this plan includes recommendations for maintaining soil and water quality and protecting your forest from insects, disease, and wildfire. Recommendations are based on observation and assessment of the site.

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## **OBJECTIVES**

### *Timber Production*

The goal is to produce high quality sawtimber. This will be accomplished through reforestation and timber stand improvement practices such as herbicide applications, prescribed burning, thinning at specified intervals, and other silvicultural practices. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

### *Wildlife Management - General*

The goal is to provide a diversity of habitats suitable for a variety of game and non-game wildlife species. Habitat management will focus on developing a variety of food, cover, water, and space. This will be accomplished by establishing and maintaining access roads and firelanes, providing openings within the forest, and the management of trees located within the Streamside Management Zone.

## **PROPERTY DESCRIPTION**

### *General Property Information*

The section is located in the Leaf Community of Greene County. It is accessed by Highway 57 which divides the section east and west. The section is also accessed by McLeod Loop Road and Jericho Loop Road. The section has a good network of woods roads throughout it for access.

The section contains a total of  $\pm 639$  acres, of this  $\pm 21$  acres are non-forested with no management activities currently planned, and  $\pm 618$  acres are in timber production. The forested acres are made up of pine plantations, on the upland sites it is comprised of loblolly and slash pine. The pine plantations have been approved as existing softwood stands under the EFCRP Program until 2019. The rest of the section is wetlands either gum ponds, beaver ponds or branches.

The section also has a railroad running just east of Highway 57 also dividing the section east and west. It is the only school section in Greene County that has a railroad on it.

### *Water Resources*

There are several streams that flow across the property. These mostly are flowing east toward Leaf River. Perennial and intermittent streams and drains identified will be managed in accordance with Mississippi's Best Management Practices.

### *Archeological and Cultural Resources*

These areas can range from churches, old cemeteries, or Indian mounds to old home sites or other areas of historical significance.

No Archeological or Cultural resources were identified during a reconnaissance of the property. However, if Archeological or Cultural resources are discovered anytime on the property special managements measures will be applied immediately in order preserve these sensitive areas.

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*Timber Production*

The goal is to maximize the production of high quality timber. This will be accomplished through the application of timely thinning and other silvicultural practices designed to enhance timber quality and growth. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

*Threatened and Endangered Species*

No threatened and endangered species were identified during the reconnaissance and evaluation of your property.

*Interaction with Surrounding Property*

Prescribed practices should be carried out in a manner that will minimize adverse impacts on surrounding properties. Consideration should be given to potential air, water, visual, and other impacts. In addition, practices carried out should have positive effects on the surrounding community such as improved wildlife habitat and soil stabilization.

*Soils General*

Soils were evaluated on the property to determine the suitability of the site for the proposed activities. Forest practices were planned so as to minimize erosion or other adverse effects on the soil.

## **GENERAL PROPERTY RECOMMENDATIONS**

*Forest Protection*

A healthy vigorously growing stand is the best defense to an attack from a variety of forest insects, plants, and pathogens.

**Insects and Diseases**

Trees are subject to attack from insects and diseases. Different insects and diseases affect trees according to the age, species, and condition of the trees. Planted stands of pines and pure stands of hardwoods are particularly susceptible to attack. Since there are many different insects and diseases, no attempt will be made here to explain all of them. The property should be inspected at least annually for possible signs of insect and disease activity. Some things to look for are:

- Unseasonable leaf fall
- Discoloration of leaves or needles
- Pitch pockets on pine trees
- Heavy defoliation of hardwood leaves
- Groups of three or more dying trees within a stand

This list does not cover all instances of insect or disease attacks. If anything unusual is noticed, report it to a forester. In most cases, insect and disease problems can be controlled if discovered early.

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### Fire Protection

Your forest should be protected from wildfire at all times. The best way to protect your investment is by establishing and maintaining firebreaks around the property. Guidelines for establishment and maintenance of firebreaks may be found in Mississippi Forestry Commission publication #107, *Mississippi's Best Management Practices*.

### Grazing

Tree seedlings should be protected from grazing until such time as the terminal bud of the sapling is beyond reach of livestock. Domestic livestock should be denied access to the tree planting area.

### Boundary Lines

It is the responsibility of the landowner to ensure that all property lines and boundaries designating areas to receive forestry work are clearly identified and visible to all contractors.

**Note:** Some forest practices may cause temporary adverse environmental or aesthetic impacts. These practices will only cause short-term adverse impacts where they are installed. Special efforts will be made to minimize adverse effects when carrying out any of the practices. Examples include: site preparation, planting, prescribed fires, firebreak installation and maintenance, road installation and maintenance, pesticide applications and timber harvesting.

### Cogongrass Control

Cogongrass is present on every School Trust section in Greene County. While it appears that total eradication of this invasive species is impossible, every precaution must be made to prevent further spread. Treatment costs for cogongrass control are not addressed in the activities portion of this plan due to the uncertainty of the extent of cogongrass infestation on each section. An assessment is now being made to determine the best way to treat this problem.

### *Water Quality Protection*

The objective of the landowner is to protect, preserve and enhance all water sources on or transecting the property. This can best be achieved by implementation of Best Management Practices in all aspects of the management of the property.

### *Ecological Restoration*

Ecological restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed. A reconnaissance of the property has been conducted and no ecological restoration activities are recommended at this time.

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*Timber Management*

Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production throughout the life of the stand.

*Recreation*

According to landowner objectives the recreational use of the property could prove to be an avenue for personal enjoyment or for generating income. An evaluation of your property should be conducted and a plan developed to accomplish your specific goals for recreational activities on your property.

## **STANDS**

*1-2-P-PW-24-U (23 Acres)*

**Stand Description**

The stand was planted in 1987 with slash pine and was thinned in 2004. A couple of weeks after the thinning was complete Hurricane Ivan passed to the east of Greene County causing minimal damage to this stand. Less than 10% of the trees had fell or was broken or leaning greater than 30 degrees. However, in 2005 Hurricane Katrina passed to the west of Greene County and the damage was much greater this time.

Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

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The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*2-2-P-PW-24-U (46 Acres)*

**Stand Description**

The stand was planted in 1987 with slash pine and was thinned in 2004. A couple of weeks after the thinning was complete Hurricane Ivan passed to the east of Greene County causing minimal damage to this stand. Less than 10% of the trees had fell or was broken or leaning greater than 30 degrees. However, in 2005 Hurricane Katrina passed to the west of Greene County and the damage was much greater this time. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

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The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.



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*3-1-M-PW-41-B (9 Acres)*

**Stand Description**

The stand is made up of small creeks and drains, which will be managed as a Streamside Management Zone (SMZ). The timber type is primarily hardwood pulpwood with some scattered slash pine sawtimber mixed in. The primary species of hardwood are sweet bay, black gum, red maple, yellow poplar, beech, magnolia, and water oak.

**Stand Recommendations**

The stand should have all merchantable pine that is over mature, damaged, suppress, and diseased marked to be remove when the adjacent stand's harvest is conduct. The basal area will be reduce to no lower than 55 so it will open the tree canopy and increase the diameter and height of the remaining timber. All Mississippi's Best Management Practices (BMP's) will be followed when harvest is conducted.

The stand is recommended to be managed as a corridor to provide wildlife species food and cover, and to preserve water quality.

*4-2-P-PW-24-U (36 Acres)*

**Stand Description**

The stand was planted in 1987 with slash pine and was thinned in 2004. A couple of weeks after the thinning was complete Hurricane Ivan passed to the east of Greene County causing minimal damage to this stand. Less than 10% of the trees had fell or was broken or leaning greater than 30 degrees. However, in 2005 Hurricane Katrina passed to the west of Greene County and the damage was much greater this time. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

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The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

*5-2-P-PW-24-U (20 Acres)*

**Stand Description**

The stand was planted in 1987 with slash pine and was thinned in 2004. A couple of weeks after the thinning was complete Hurricane Ivan passed to the east of Greene County causing minimal damage to this stand. Less than 10% of the trees had fell or was broken or leaning greater than 30 degrees. However, in 2005 Hurricane Katrina passed to the west of Greene County and the damage was much greater this time.

Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

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**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

*6-1-M-PW-41-B (18 Acres)*

**Stand Description**

The stand is made up of small creeks and drains, which will be managed as a Streamside Management Zone (SMZ). The timber type is primarily hardwood pulpwood with some scattered slash pine sawtimber mixed in. The primary species of hardwood are sweet bay, black gum, red maple, yellow poplar, beech, magnolia, and water oak.

**Stand Recommendations**

The stand should have all merchantable pine that is over mature, damaged, suppress, and diseased marked to be remove when the adjacent stand's harvest is conduct. The basal area will be reduce to no lower than 55 so it will open the tree canopy and increase the diameter and height of the remaining timber. All Mississippi's Best Management Practices (BMP's) will be followed when harvest is conducted.

The stand is recommended to be managed as a corridor to provide wildlife species food and cover, and to preserve water quality.

*7-2-P-PW-24-U (43 Acres)*

**Stand Description**

The stand was planted in 1987 with slash pine and was thinned in 2004. A couple of weeks after the thinning was complete Hurricane Ivan passed to the east of Greene County causing minimal damage to this stand. Less than 10% of the trees had fell or was broken or leaning greater than 30 degrees. However, in 2005 Hurricane Katrina passed to the west of Greene County and the damage was much greater this time.

Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

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**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*8-2-P-PW-24-U (12 Acres)*

**Stand Description**

The stand was planted in 1987 with slash pine and was thinned in 2004. A couple of weeks after the thinning was complete Hurricane Ivan passed to the east of Greene County causing minimal damage to this stand. Less than 10% of the trees had fell or was broken or leaning greater than 30 degrees. However, in 2005 Hurricane Katrina passed to the west of Greene County and the damage was much greater this time. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

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**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*9-2-P-PW-24-U (18 Acres)*

**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

The area does have alot of underbrush that should be controlled using prescribe burns.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited

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basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*10-1-M-PW-41-B (54 Acres)*

**Stand Description**

The stand is made up of small creeks and drains, which will be managed as a Streamside Management Zone (SMZ). The timber type is primarily hardwood pulpwood with some scattered slash pine sawtimber mixed in. The primary species of hardwood are sweet bay, black gum, red maple, yellow poplar, beech, magnolia, and water oak.

**Stand Recommendations**

The stand should have all merchantable pine that is over mature, damaged, suppress, and diseased marked to be remove when the adjacent stand's harvest is conduct. The basal area will be reduce to no lower than 55 so it will open the tree canopy and increase the diameter and height of the remaining timber. All Mississippi's Best Management Practices (BMP's) will be followed when harvest is conducted.

The stand is recommended to be managed as a corridor to provide wildlife species food and cover, and to preserve water quality.

*11-2-P-PW-24-U (132 Acres)*

**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

The area does have alot of underbrush that should be controlled using prescribe burns.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

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**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*12-1-M-PW-41-B (9 Acres)*

**Stand Description**

The stand is made up of small creeks and drains, which will be managed as a Streamside Management Zone (SMZ). The timber type is primarily hardwood pulpwood with some scattered slash pine sawtimber mixed in. The primary species of hardwood are sweet bay, black gum, red maple, yellow poplar, beech, magnolia, and water oak.

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The stand is recommended to be managed as a corridor to provide wildlife species food and cover, and to preserve water quality.

*13-2-P-PW-24-U (9 Acres)*

**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

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The stand still has enough undamaged trees to carry itself the full length of the rotation.

The area does have alot of underbrush that should be controlled using prescribe burns.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

*14-2-P-PW-24-U (22 Acres)*

**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

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Activity Recommendations

Fire Protection

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The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

Harvest

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

*15-1-M-PW-41-B (18 Acres)*

Stand Description

The stand is made up of small creeks and drains, which will be managed as a Streamside Management Zone (SMZ). The timber type is primarily hardwood pulpwood with some scattered slash pine sawtimber mixed in. The primary species of hardwood are sweet bay, black gum, red maple, yellow poplar, beech, magnolia, and water oak.

Stand Recommendations

The stand should have all merchantable pine that is over mature, damaged, suppress, and diseased marked to be remove when the adjacent stand's harvest is conduct. The basal area will be reduce to no lower than 55 so it will open the tree canopy and increase the diameter and height of the remaining timber. All Mississippi's Best Management Practices (BMP's) will be followed when harvest is conducted.

The stand is recommended to be managed as a corridor to provide wildlife species food and cover, and to preserve water quality.

*16-2-P-PW-24-U (9 Acres)*

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**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

The area does have alot of underbrush that should be controlled using prescribe burns.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*17-2-P-PW-24-U (18 Acres)*

**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

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FOREST STEWARDSHIP MANAGEMENT PLAN**

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*18-2-P-PW-24-U (3 Acres)*

**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

The area does have alot of underbrush that should be controlled using prescribe burns.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

*20-2-P-PW-24-U (123 Acres)*

**Stand Description**

The stand was planted in 1986 with mixture of slash and loblolly pines and was thinned in 2005. A couple of weeks after the thinning was complete Hurricane Katrina passed to the west of Greene County and the damage was vast. Approximately 30 % of the stand had trees that fell or was broken or leaning greater than 30 degrees.

The stand still has enough undamaged trees to carry itself the full length of the rotation.

The area does have alot of underbrush that should be controlled using prescribe burns.

**Stand Recommendations**

The stand is recommended to be thinned in 2019. A prescribe burn should be carried out every three or four years to control undesirable vegetation and hardwood species.

**Activity Recommendations**

**Harvest**

The stand should have a marked thin in 2019 to remove all merchantable pines with a DBH of 10 inches or below.

**Fire Protection**

A prescribed fire is recommended for this site in order to reduce fuel loading and the potential for a wildfire to occur. A prescribed burning plan must be developed and

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A certified prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other certified prescribed burning vendors are available to conduct prescribed burning.

The stand is recommended to have a prescribe burn conducted in 2012, 2016, and again in 2020 to reduce the amount of undesirable vegetation and hardwood completion.

## **OTHER PLAN ACTIVITIES**

### *Boundary Lines*

#### Line Recommendations

The section's boundary lines are well established and recommended to be maintained on a five year rotation.

#### Activity Recommendations

##### Property Activities

The boundary line will be painted in 2013, 2018, and will be maintained on a 5 year cycle. Routine inspections and general maintenance of the boundary lines will ensure overall appearance and aesthetics of the property.

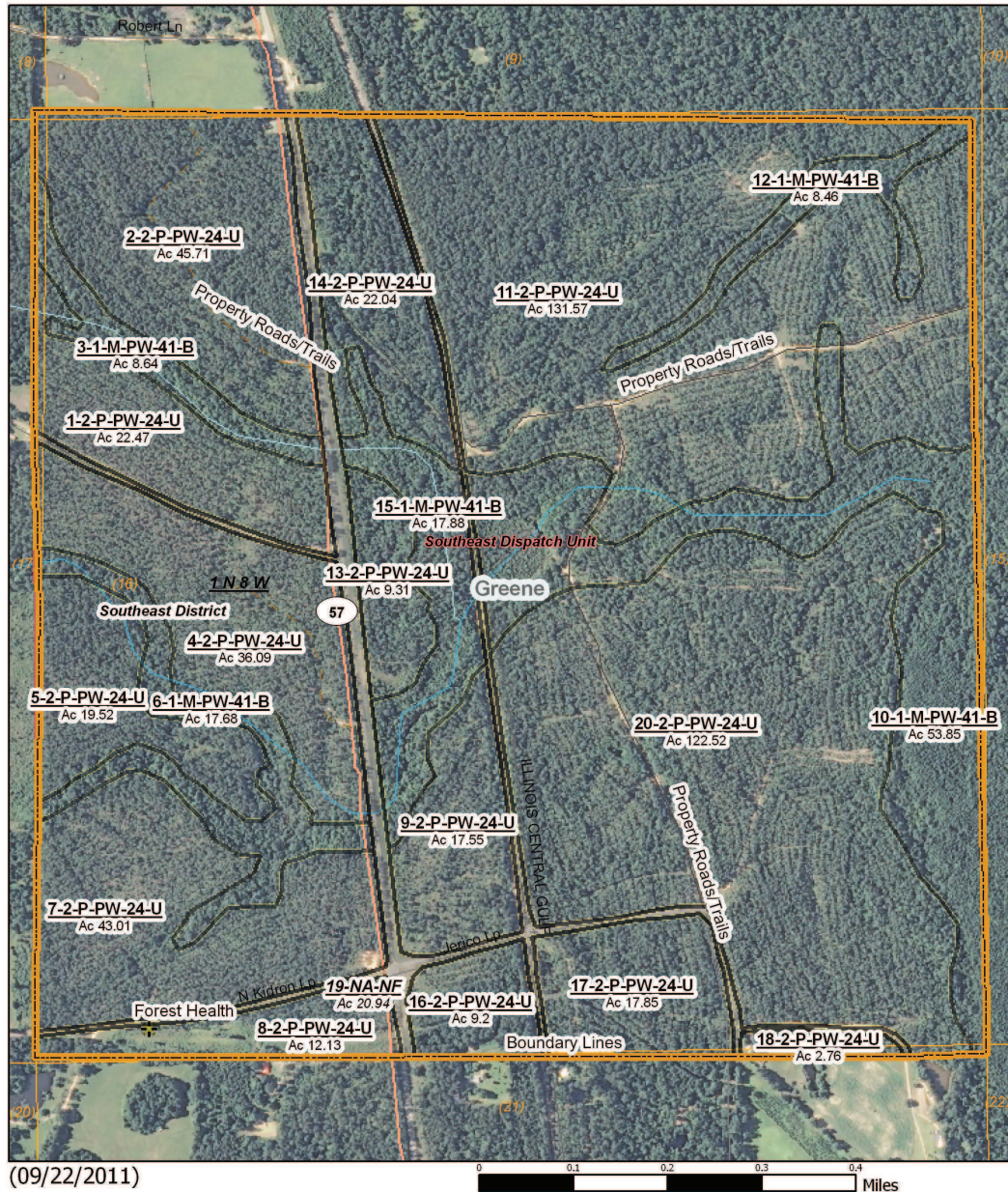


# Map 1



## Section 16, Township 01 North, Range 08 West

Hwy. 57 South  
2012 to 2021  
639.18 Acres

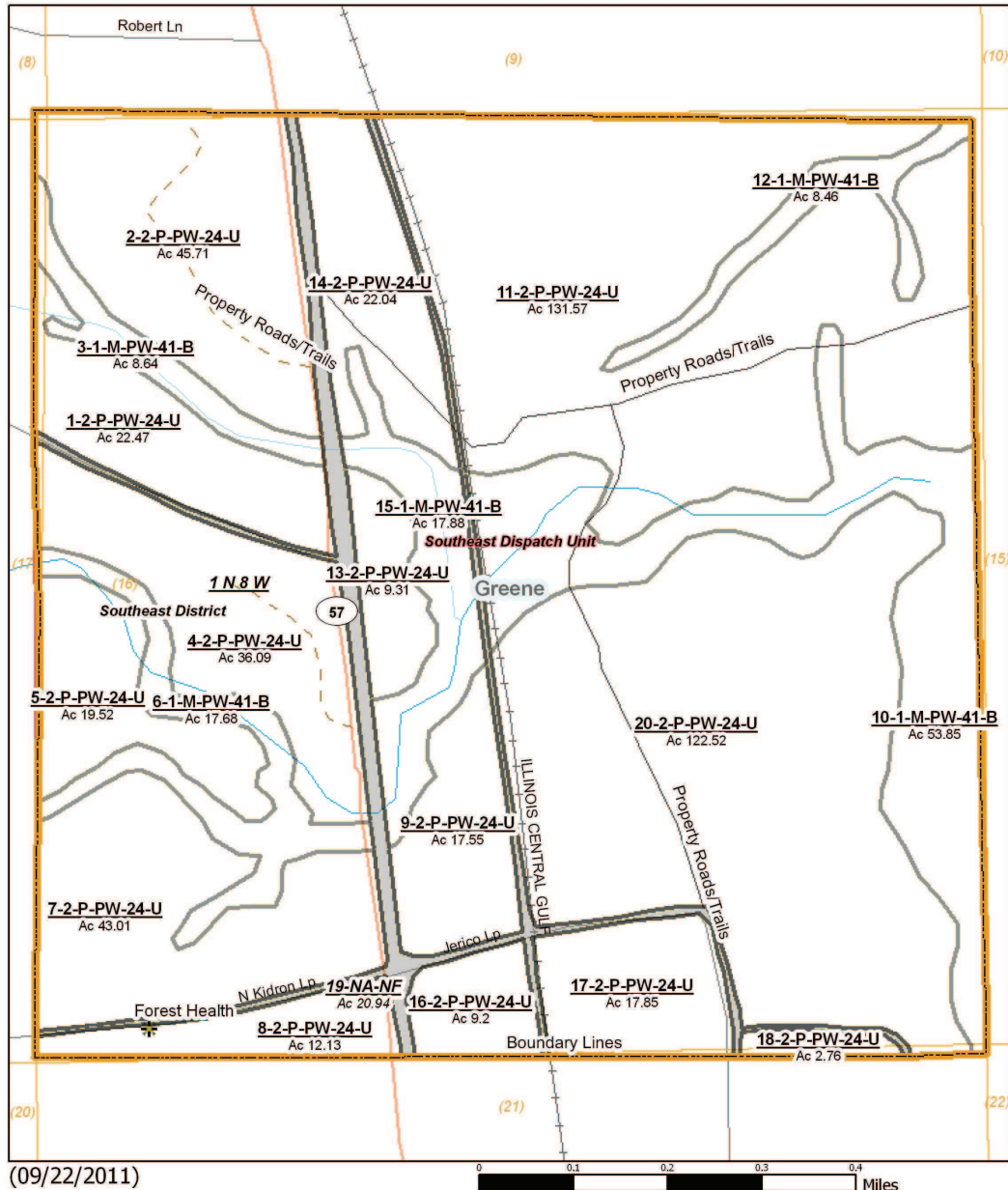


# Map 2



## Section 16, Township 01 North, Range 08 West

Hwy. 57 South  
2012 to 2021  
639.18 Acres



(09/22/2011)

0 0.1 0.2 0.3 0.4 Miles

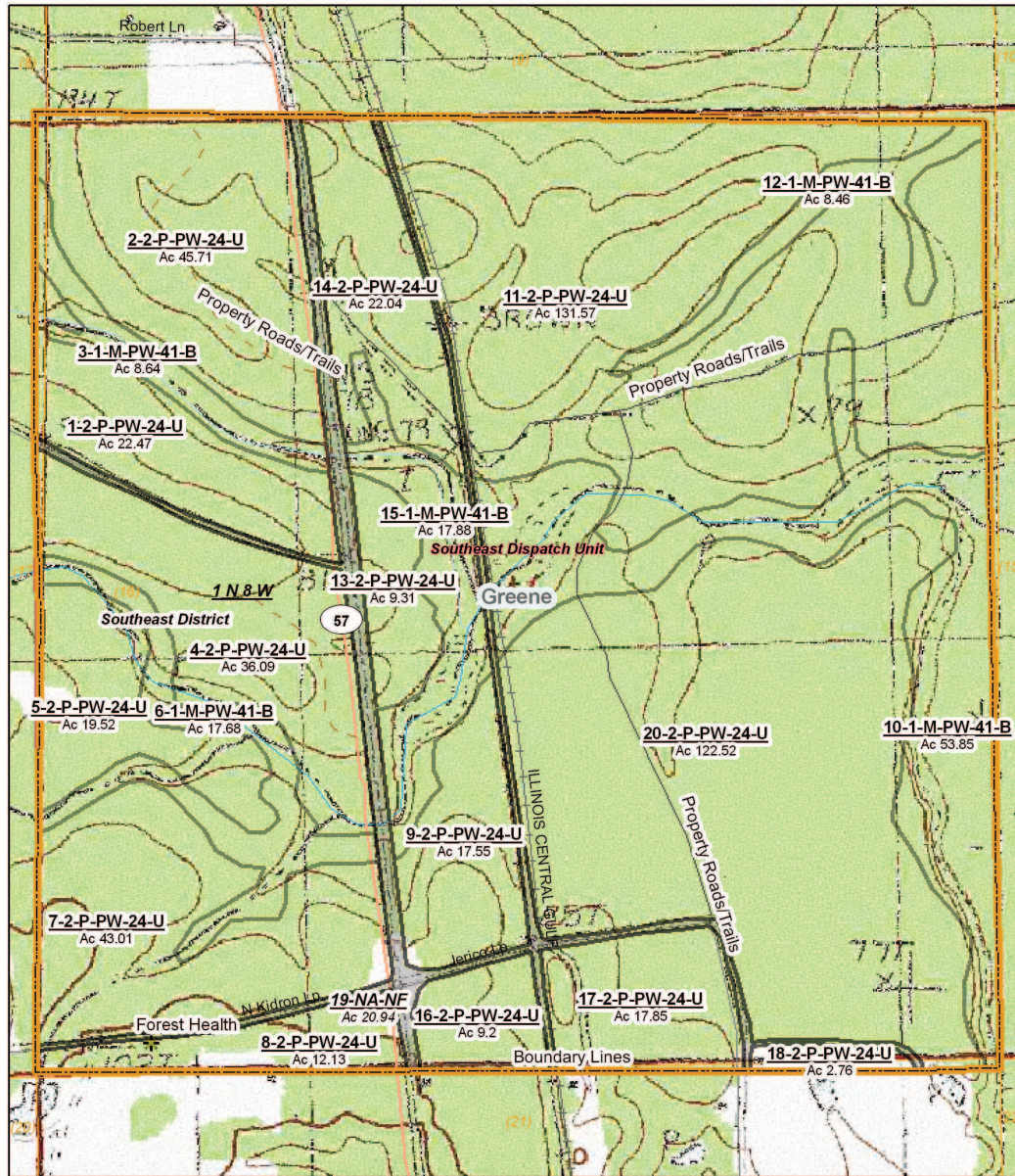


# Map 3



## Section 16, Township 01 North, Range 08 West

Hwy. 57 South  
2012 to 2021  
639.18 Acres



(09/22/2011)

0 0.1 0.2 0.3 0.4 Miles



# Legend



## Section 16, Township 01 North, Range 08 West

Property	Forest Health (Points)	Boundary Lines
Property (1)	Cogan Grass (1)	Property (1)
Category 1: Stands	Property Roads/Trails	
Pulpwood (19)	Access Road (2)	
Category 3: Non-Forest Stands	Logging Road (2)	
Non-Forest (1)		

## MFC Basemap

County Boundary	School Sections	Physiographic Region
County Boundary (1)	School Sections (1)	Pine Belt (1)
Quadrangle Grid	Public School Districts	Soil Associations
USGS Quad (1)	GREENE COUNTY SCHOOL DISTRICT (1)	susquehanna-benndale-dorovan (1)
PLS Townships	US Congressional District	harleston-atmore-smithton (1)
PLS Townships (1)	US Cong Dist #4 (1)	Surface Geology
Survey Districts	MS Senate	PASCAGOULA/HATTIESBURG (1)
District 5 (1)	43 (1)	USFS Ownership
Blockgroup (Census 2000)	MS House	Forest Service (1)
Blockgroup (Census 2000) (1)	105 (1)	USFS Boundary
Block (Census 2000)	Perennial Streams	Desoto (1)
Block (Census 2000) (10)	Perennial Streams (1)	MFC Districts
Tract/BNA (Census 2000)	Intermittent Streams	MFC Districts (1)
Tract/BNA (Census 2000) (1)	Intermittent Streams (1)	MFC Dispatch Units
County Roads	Hydrologic Units (Basins)	MFC Dispatch Units (1)
County Roads (3)	LOWER LEAF RIVER (1)	MS Outline
US/State Highways	Historic Forest Boundary	MS Outline (1)
State Highway (1)	Longleaf Pine with Loblolly Pine-Slash Pine (1)	
Active Railroads	MS Forest Habitat	
Active Railroads (1)	SOUTHERN LOAM HILLS-GENTLE TOPOGRAPHY (1)	

Stand Activity Schedule for  
Greene County BOE  
16 1N 8W

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
<b>2013</b>					
2	1	Fire Protection, Other, Burn, Hand, Fuel Reduction	22	\$337.05	\$0.00
2	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	46	\$690.00	\$0.00
2	4	Fire Protection, Other, Burn, Hand, Fuel Reduction	36	\$541.35	\$0.00
2	5	Fire Protection, Other, Burn, Hand, Fuel Reduction	20	\$292.80	\$0.00
2	7	Fire Protection, Other, Burn, Hand, Fuel Reduction	43	\$645.15	\$0.00
2	8	Fire Protection, Other, Burn, Hand, Fuel Reduction	12	\$181.95	\$0.00
2	9	Fire Protection, Other, Burn, Hand, Fuel Reduction	18	\$263.25	\$0.00
2	11	Fire Protection, Other, Burn, Hand, Fuel Reduction	132	\$1,973.55	\$0.00
2	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$139.65	\$0.00
2	14	Fire Protection, Other, Burn, Hand, Fuel Reduction	22	\$330.60	\$0.00
2	16	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$138.00	\$0.00
2	17	Fire Protection, Other, Burn, Hand, Fuel Reduction	18	\$267.75	\$0.00
2	18	Fire Protection, Other, Burn, Hand, Fuel Reduction	3	\$41.40	\$0.00
2	20	Fire Protection, Other, Burn, Hand, Fuel Reduction	123	\$1,837.80	\$0.00
Yearly Totals			512	\$7,680.30	\$0.00
<b>2017</b>					
2	1	Fire Protection, Other, Burn, Hand, Fuel Reduction	22	\$561.75	\$0.00
2	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	46	\$1,150.00	\$0.00
2	4	Fire Protection, Other, Burn, Hand, Fuel Reduction	36	\$902.25	\$0.00
2	5	Fire Protection, Other, Burn, Hand, Fuel Reduction	20	\$488.00	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2	7	Fire Protection, Other, Burn, Hand, Fuel Reduction	43	\$1,075.25	\$0.00
2	8	Fire Protection, Other, Burn, Hand, Fuel Reduction	12	\$303.25	\$0.00
2	9	Fire Protection, Other, Burn, Hand, Fuel Reduction	18	\$438.75	\$0.00
2	11	Fire Protection, Other, Burn, Hand, Fuel Reduction	132	\$3,289.25	\$0.00
2	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$232.75	\$0.00
2	14	Fire Protection, Other, Burn, Hand, Fuel Reduction	22	\$551.00	\$0.00
2	16	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$230.00	\$0.00
2	17	Fire Protection, Other, Burn, Hand, Fuel Reduction	18	\$446.25	\$0.00
2	18	Fire Protection, Other, Burn, Hand, Fuel Reduction	3	\$69.00	\$0.00
2	20	Fire Protection, Other, Burn, Hand, Fuel Reduction	123	\$3,063.00	\$0.00

Yearly Totals	512	\$12,800.50	\$0.00
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## 2019

2	1	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	22	\$786.45	\$7,755.75
2	2	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	46	\$1,599.85	\$15,777.26
2	4	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	36	\$1,260.00	\$12,425.76
2	5	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	20	\$683.20	\$6,737.52
2	7	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	43	\$1,505.35	\$14,845.33
2	8	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	12	\$424.55	\$4,186.79
2	9	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	18	\$614.25	\$6,057.56
2	11	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	132	\$4,604.95	\$45,412.70
2	13	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	9	\$325.85	\$3,213.44
2	14	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	22	\$771.40	\$7,607.33
2	16	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	9	\$322.00	\$3,175.47

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2	17	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	18	\$624.75	\$6,161.11
2	18	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	3	\$96.60	\$952.64
2	20	Harvest, Mechanical, 2nd Thin, Machine, Misc Pine	123	\$4,288.20	\$42,289.00
Yearly Totals			512	\$17,907.40	\$176,597.66
<b>2021</b>					
2	1	Fire Protection, Other, Burn, Hand, Fuel Reduction	22	\$561.75	\$0.00
2	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	46	\$1,150.00	\$0.00
2	4	Fire Protection, Other, Burn, Hand, Fuel Reduction	36	\$902.25	\$0.00
2	5	Fire Protection, Other, Burn, Hand, Fuel Reduction	20	\$488.00	\$0.00
2	7	Fire Protection, Other, Burn, Hand, Fuel Reduction	43	\$1,075.25	\$0.00
2	8	Fire Protection, Other, Burn, Hand, Fuel Reduction	12	\$303.25	\$0.00
2	9	Fire Protection, Other, Burn, Hand, Fuel Reduction	18	\$438.75	\$0.00
2	11	Fire Protection, Other, Burn, Hand, Fuel Reduction	132	\$3,289.25	\$0.00
2	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$232.75	\$0.00
2	14	Fire Protection, Other, Burn, Hand, Fuel Reduction	22	\$551.00	\$0.00
2	16	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$230.00	\$0.00
2	17	Fire Protection, Other, Burn, Hand, Fuel Reduction	18	\$446.25	\$0.00
2	18	Fire Protection, Other, Burn, Hand, Fuel Reduction	3	\$69.00	\$0.00
2	20	Fire Protection, Other, Burn, Hand, Fuel Reduction	123	\$3,063.00	\$0.00
Yearly Totals			512	\$12,800.50	\$0.00
Grand Totals			2,048	\$51,188.70	\$176,597.66