



Vision • Commitment • Pride

FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Forrest County Schools

Prepared By:
Jake Camp
MS Forestry Commission

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-02-20

Plan Type:
Stewardship / Stewardship

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

Property Name: 16 1S 12W

TABLE OF CONTENTS

LANDOWNER INFORMATION	3
FORESTER INFORMATION	3
INTRODUCTION	3
OBJECTIVES	3
PROPERTY DESCRIPTION	4
SOIL TYPES	5
GENERAL PROPERTY RECOMMENDATIONS	7
STRATA	9
OTHER PLAN ACTIVITIES	13
DISCLAIMER	13
PLAN MAP	14
PLAN MAP	15
STRATA ACTIVITY SCHEDULE	16

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FOREST STEWARDSHIP MANAGEMENT PLAN**

LANDOWNER INFORMATION

Organization: Forrest Co Board of Education
Name: Forrest County Schools
Mailing Address: 400 Forrest St.
City, State, Zip: Hattiesburg, MS 39403
Country: United States of America
Contact Numbers: Home Number:
Office Number: 601-545-6055
Fax Number: 601-545-6054
E-mail Address:
Social Security Number (optional): 000000000

FORESTER INFORMATION

Name: Jake Camp , Service Forester
Forester Number: 02514
Organization: MS Forestry Commission
Street Address: 477 Southgate Rd.
City, State, Zip: Hattiesburg, MS 39401
Contact Numbers: Office Number: 601-583-4240
Fax Number: 601-583-2500
E-mail Address: jcamp@mfc.state.ms.us

PROPERTY LOCATION

County: Forrest Total Acres: 639 Latitude: -89.2 Longitude: 30.96
Section: 16 Township: 1S Range: 12W

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.

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

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

and firelanes, providing openings within the forest, and the management of trees located within the Streamside Management Zone

Fire Protection

The goal is to protect the resource from wildfires, by establishing and maintaining firebreaks around the property; annually inspect possible signs of insect infestations and disease; and prohibit grazing until terminal bud is beyond reach of livestock.

PROPERTY DESCRIPTION

General Property Information

This property is in Section 16, Township 1 South, Range 12 West, Forrest County, Mississippi. Establishing and maintaining fire breaks along boundary lines would greatly reduce the threat of a wildfire crossing onto and/or in from adjacent properties. Furthermore, maintaining good relationships with lease holders and adjacent landowners will increase effective land management practices, somewhat reduce intentional and/or un-intentional causes of wildfires, and promote good public relations and environmental education within the community. This property contains 160 acres of non forested area which have no activities planned and 479 acres of forested area.. The section can be reached off of Highway 49.

Water Resources

Intermittent streams and drains identified within this property will be managed in accordance with Mississippi's Best Management Practices.

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

During the reconnaissance and evaluation of your property burrows associated with at least one threatened and endangered species were identified. Several Gopher Tortoise (*Gopherus polyphemus*) burrows were identified. A more complete survey of this property should be taken in order to identify all known burrows before any timber harvesting or other activities are done that could potentially damage the habitat of this organism. Before any harvesting activities are conducted the known burrows within the harvest areas should be designated in a highly identifiable manner and designated on an attached map. No harvesting or skidding equipment are to be allowed within 25 feet of any designated burrow. Harvesting within 25 feet of the burrows provided that the trees are felled away from the burrows. No loading decks are to be constructed within 50 feet of the nearest known burrow. Harvesting will not be allowed during the nesting season of May 15

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FOREST STEWARDSHIP MANAGEMENT PLAN**

through June 30 where colonies exist.

This area has potential habitat for threatened and endangered species such as but not restricted to the Red-Cockaded Woodpecker (*Picoides borealis*). Continued surveillance should be done to ensure these species are preserved should their presence be discovered.

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.

Archeological or Cultural Resources

These areas can range from churches, old cemeteries, natural springs, Indian mounds to home sites or other areas of historical significance. No archeological or cultural resources were identified during a reconnaissance of this property.

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. The following soils are identified for this property:

SOIL TYPES

McLaurin

The McLaurin component makes up 90 percent of the map unit. Slopes are 2 to 5 percent. This component is on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. Loblolly Site Index = 90. Longleaf Site Index = 72. Slash Site Index = 90.

Heidel

The Heidel component makes up 90 percent of the map unit. Slopes are 12 to 30 percent. This component is on uplands. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. Loblolly Site Index = 90. Slash Site Index = 90.

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FOREST STEWARDSHIP MANAGEMENT PLAN**

Pamlico

The Pamlico component makes up 50 percent of the map unit. Slopes are 0 to 1 percent. This component is on flood plains, flood plains. The parent material consists of organic over sandy alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 40 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The Dorovan component makes up 35 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions. The parent material consists of decomposed organic material. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 50 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria. The soil has a slightly sodic horizon within 30 inches of the soil surface.

Petal

The Petal component makes up 33 percent of the map unit. Slopes are 2 to 12 percent. This component is on uplands. The parent material consists of loamy over clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 36 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. The Susquehanna component makes up 29 percent of the map unit. Slopes are 2 to 12 percent. This component is on coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

McLaurin

The McLaurin component makes up 50 percent of the map unit. Slopes are 2 to 12 percent. This component is on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The Benndale component makes up 35 percent of the map unit. Slopes are 2 to 12 percent. This component is on coastal plains. The parent material consists of sandy loam alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

GENERAL PROPERTY RECOMMENDATIONS

Forest Protection

A health 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.

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*.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

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.

Invasive Species Control

During the reconnaissance and evaluation of your property several areas of the invasive species Cogongrass (*Imperata cylindrica*) totaling approximately 2.5 acres were discovered.

This species is a federally listed noxious weed and every effort should be taken to control its spread. Cogongrass is an aggressive, colonizing perennial grass 1 to 6 feet tall that spreads through wind-dispersed seed and grows in full sunlight to partial shade. Aggressively invades right-of-ways, new forest plantations, open forests, old fields, and pastures. Also, this grass is highly flammable and a severe fire hazard that burns extremely hot especially during winter.

During the reconnaissance and evaluation of your property an area of the invasive species Kudzu (*Pueraria montana*) totaling approximately 1.5 acres was discovered. This semi-woody vine grows very quickly and causes dense infestations that are very detrimental to trees. Kudzu can be difficult to control and may require 2-3 years to eradicate.

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.

Aesthetics

The goal is to assure that the property is managed in such a way that is aesthetically pleasing to the landowner as well as the community. Activities could include, maintaining buffer strips along the road and adjacent to the home site, planting wildflowers along the road, and trees with attractive fall and spring color along the drive and near the home site.

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.

Environmental Education

Environmental educational goals are to provide educational opportunities for children and adults through the development of items such as nature trails with tree identification markers, wildlife viewing areas, picnic areas, parking, public restroom facilities.

Wildlife Management General

The goal is to provide a diversity of habitats suited for a variety of game and non-game wildlife species. Habitat management will focus on providing a variety of food, cover,

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

water, and space. This will be accomplished, in part, by establishing and maintaining access roads and firelanes, providing openings within the forest, and leaving mast producing and den trees.

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.

STRATA

Strata 1; Stands 32,20,26,29,47,60

Strata Description

These stands contain approximately 63 acres and have been set aside as Streamside Management Zones. Perennial streams, intermittent streams and drains will be managed in accordance with Mississippi's Best Management Practices.

Stand Recommendations

It is recommended these stands remain as streamside management zones to preserve water quality and wildlife habitat. Thinnings will be conducted at the same time as adjacent stands while still conforming to the Mississippi Best Management Practices.

Strata 2: Stand 33

Strata Description

This stand is an open field that is currently leased by the Forrest County Supervisory and no activities are scheduled within this area for the life of this plan. This area is 17 acres.

Strata Recommendations

It is recommended to the control invasive species within this area.

Strata 3: Stand 31

Strata Description

This stand contains approximately 58 acres that were planted in 2006 with containerized longleaf pine seedlings at an average of 575 seedlings per acre.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Strata Recommendations

It is recommended that this strata have a full rotation age of 45 years of age with thinnings occurring at the approximate ages of 20 and 30 years depending upon stand growth and density. Prescribed burning should be implemented on a 2-3 year rotation.

Activity Recommendations

Forest Health

A prescribed burn should be carried out on this property in 2016 and be repeated on a two or three year rotation thereafter.

Strata 5: Stands 4,41

Strata Description

These stands contain approximately 17 acres of Loblolly Pine that was established in 1984 and thinned in 2005-2006. They are composed of chipn'saw to pole size product class timber.

Strata Recommendations

It is recommended that this stand be carried to a full rotation age of 35 years with thinnings occurring at the approximate ages of 15 and 24 years of age. After the first thinning prescribed burning should be conducted on a 2 to 3 year rotation to reduce competing vegetation and promote the production of high quality sawtimber.

Activity Recommendations

Forest Health

A prescribed burn should be carried out on this property in the late fall or early winter of 2014 to reduce debris left by the thinning and then continued on a 2-3 year rotation thereafter.

Harvest

A second thinning is scheduled for 2013 depending upon stand growth and density. The stand should be thinned to 70 basal area.

Strata 6: Stands 2,23,27

Strata Description

This strata encompasses 3 stands contain approximately 161 acres of Loblolly Pine that was established in 1984 and is currently enrolled in EFCRP. A row and low thin was conducted in 2004-2005 and is scheduled for another thinning in 2021. It is composed of chipn' saw to sawtimber size product class timber.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Strata Recommendations

It is recommended that this stand be carried to a full rotation age of 35 years with thinnings occurring at the approximate ages of 15 and 24 years of age. After the first thinning prescribed burning should be conducted on a 2 to 3 year rotation to reduce competing vegetation and promote the production of high quality sawtimber.

Activity Recommendations

Harvest

A low and row thinning is scheduled for 2015. The strata will be thinned to a residual stocking of 70 square feet of basal area per acre.

Forest Health

A prescribed burn should be carried out on this property in 2012 and be repeated on a two or three year rotation thereafter.

Strata 7: Stands 28,51,54

Strata Description

These stands contain approximately 88 acres of a mature naturally generated mixed pine hardwood and they are currently enrolled in EFCRP. They are composed of pulpwood to sawtimber product class timber. A final harvest is scheduled for FY19.

Stand Recommendations

It is recommended that these stands be liquidated and genetically improved Loblolly Pine trees be planted.

It is recommended that after site preparation this stand be planted with loblolly pine at a rate of 605 to 691 trees per acre. 3 to 4 years after planting an herbicide application should be conducted to release the pines from competing woody species. The stand should be carried to a full rotation age of 35 years with thinnings occurring at the approximate ages of 15 and 24 years of age. After the first thinning, prescribed burning should be conducted on a 2 to 3 year rotation to reduce competing vegetation and promote the production of high quality sawtimber.

Activity Recommendations

Forest Health

A prescribed burn should be carried out on this property in 2014 and 2017.

Harvest

A final harvest is scheduled to be conducted in 2018 when the EFCRP contract runs out.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Site Preparation

Heavy mechanical site prep, such as a shearing, raking, and piling or windrowing should be preformed to clear woody debris and facilitate an adequate planting surface.

Regeneration

Following site preparation, the area should be planted with genetically improved loblolly pine seedlings. Seedlings should be planted at a rate of 650 to 691 TPA.

Strata 10: Stands 58,50,35,36,37,38,39,43,49,56,59,61

Strata Description

These stands contain approximately 94 acres of mature Longleaf Pine and are currently enrolled in EFCRP. A select thinning was preformed on this area in fiscal year 2012.

Strata Recommendations

It is recommended that this strata have a final harvest conducted at the end of the EFCRP contract and return the area to timber production as soon as possible. This strata should be planted in longleaf pines with a full rotation age of 45 years of age with thinnings occuring at the approximate ages of 20 and 30 years.

Activity Recommendations

Forest Health

A prescribed burn should be carried out on this property in 2014.

Harvest

A final harvest is scheduled to be conducted in 2018 harvest should be conducted during the summer months to minimize soil disturbance and compaction.

Site Preparation

Heavy mechanical site prep, such as a shearing, raking, and piling or windrowing should be preformed to clear woody debris and facilitate an adequate planting surface.

Regeneration

It is recommended that containerized Longleaf Pine be planted at a rate of 605 to 650 trees per acre.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

OTHER PLAN ACTIVITIES

Boundary Lines

Line Recommendations

The boundary lines should be painted in fiscal years 2014 and 2019.

Activity Recommendations

Property Activities

Routine inspections and general maintenance of the roads, Firelanes, and boundary lines will ensure overall appearance and aesthetics of the property.

DISCLAIMER

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.

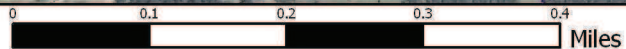


Forrest County Schools

16-1S-12W
2012-2021
639 acres



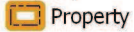
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16-1S-12W



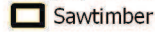
Property



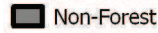
Category 1: Stands

- Chip-n-Saw
- Pulpwood
- Reproduction
- Non-Stocked

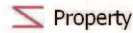
Category 1: Stands (cont)



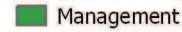
Category 3: Non-Forest Stands



Boundary Lines

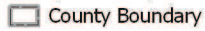


Management Compartment

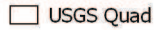


MFC Basemap

County Boundary



Quadrangle Grid



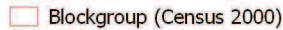
PLS Townships



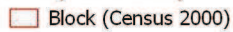
Survey Districts



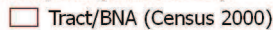
Blockgroup (Census 2000)



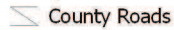
Block (Census 2000)



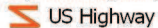
Tract/BNA (Census 2000)



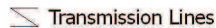
County Roads



US/State Highways



Transmission Lines



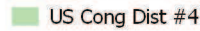
School Sections



Public School Districts



US Congressional District



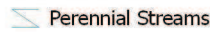
MS Senate



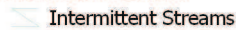
MS House



Perennial Streams



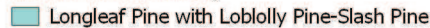
Intermittent Streams



Hydrologic Units (Basins)



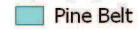
Historic Forest Boundary



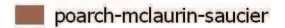
MS Forest Habitat



Physiographic Region



Soil Associations



Surface Geology



USFS Ownership



USFS Boundary



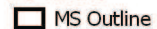
MFC Districts



MFC Dispatch Units



MS Outline



Stand Activity Schedule for
Forrest Co Board of Education
16 1S 12W

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
2014						
5	4	Forest Health, Other, Burn, Hand, Southern Pine Beetle	16	\$400.00	\$0.00	
5	41	Forest Health, Other, Burn, Hand, Southern Pine Beetle	1	\$36.75	\$0.00	
7	28	Forest Health, Other, Burn, Hand, Southern Pine Beetle	72	\$1,800.00	\$0.00	
7	51	Forest Health, Other, Burn, Hand, Southern Pine Beetle	8	\$200.00	\$0.00	
7	54	Forest Health, Other, Burn, Hand, Southern Pine Beetle	9	\$225.00	\$0.00	
10	35	Forest Health, Other, Burn, Hand, Southern Pine Beetle	2	\$50.00	\$0.00	
10	36	Forest Health, Other, Burn, Hand, Southern Pine Beetle	2	\$50.00	\$0.00	
10	37	Forest Health, Other, Burn, Hand, Southern Pine Beetle	6	\$150.00	\$0.00	
10	38	Forest Health, Other, Burn, Hand, Southern Pine Beetle	1	\$25.00	\$0.00	
10	39	Forest Health, Other, Burn, Hand, Southern Pine Beetle	8	\$200.00	\$0.00	
10	43	Forest Health, Other, Burn, Hand, Southern Pine Beetle	1	\$25.00	\$0.00	
10	49	Forest Health, Other, Burn, Hand, Southern Pine Beetle	5	\$125.00	\$0.00	
10	50	Forest Health, Other, Burn, Hand, Southern Pine Beetle	12	\$300.00	\$0.00	
10	56	Forest Health, Other, Burn, Hand, Southern Pine Beetle	3	\$75.00	\$0.00	
10	58	Forest Health, Other, Burn, Hand, Southern Pine Beetle	29	\$725.00	\$0.00	
10	59	Forest Health, Other, Burn, Hand, Southern Pine Beetle	9	\$225.00	\$0.00	
10	61	Forest Health, Other, Burn, Hand, Southern Pine Beetle	17	\$425.00	\$0.00	
			Yearly Totals	201	\$5,036.75	\$0.00
2015						
6	2	Harvest, Mechanical, Thin, Machine, Loblolly	49	\$1,715.00	\$9,790.20	

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
6	2	Forest Health, Other, Burn, Hand, Southern Pine Beetle	49	\$1,225.00	\$0.00	
6	23	Forest Health, Other, Burn, Hand, Southern Pine Beetle	61	\$1,525.00	\$0.00	
6	23	Harvest, Mechanical, Thin, Machine, Loblolly	61	\$2,135.00	\$13,999.50	
6	27	Harvest, Mechanical, Thin, Machine, Loblolly	51	\$1,785.00	\$6,322.98	
6	27	Forest Health, Other, Burn, Hand, Southern Pine Beetle	51	\$1,275.00	\$0.00	
			Yearly Totals	322	\$9,660.00	\$30,112.68
2016						
3	31	Forest Health, Other, Burn, Hand, Southern Pine Beetle	40	\$1,000.00	\$0.00	
			Yearly Totals	40	\$1,000.00	\$0.00
2017						
5	4	Forest Health, Other, Burn, Hand, Southern Pine Beetle	16	\$400.00	\$0.00	
5	41	Forest Health, Other, Burn, Hand, Southern Pine Beetle	1	\$25.00	\$0.00	
7	28	Forest Health, Other, Burn, Hand, Southern Pine Beetle	72	\$1,800.00	\$0.00	
7	51	Forest Health, Other, Burn, Hand, Southern Pine Beetle	8	\$200.00	\$0.00	
7	54	Forest Health, Other, Burn, Hand, Southern Pine Beetle	9	\$225.00	\$0.00	
			Yearly Totals	106	\$2,650.00	\$0.00
2018						
5	4	Harvest, Mechanical, Thin, Machine, Loblolly	16	\$160.00	\$1,670.08	
5	41	Harvest, Mechanical, Thin, Machine, Loblolly	1	\$35.00	\$104.38	
6	2	Forest Health, Other, Burn, Hand, Southern Pine Beetle	49	\$1,225.00	\$0.00	
6	23	Forest Health, Other, Burn, Hand, Southern Pine Beetle	61	\$1,525.00	\$0.00	
6	27	Forest Health, Other, Burn, Hand, Southern Pine Beetle	51	\$1,275.00	\$0.00	
7	28	Harvest, Mechanical, Final, Machine, Misc Pine	72	\$2,520.00	\$39,510.00	
7	51	Harvest, Mechanical, Final, Machine, Misc Pine	8	\$280.00	\$4,536.00	

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
7	54	Harvest, Mechanical, Final, Machine, Misc Pine	9	\$297.50	\$4,664.38
10	35	Harvest, Mechanical, Final, Machine, Longleaf	2	\$57.75	\$1,216.46
10	36	Harvest, Mechanical, Final, Machine, Longleaf	2	\$76.65	\$1,614.58
10	37	Harvest, Mechanical, Final, Machine, Longleaf	6	\$206.50	\$4,349.78
10	38	Harvest, Mechanical, Final, Machine, Longleaf	1	\$35.00	\$737.25
10	39	Harvest, Mechanical, Final, Machine, Longleaf	8	\$276.15	\$5,816.90
10	43	Harvest, Mechanical, Final, Machine, Longleaf	1	\$35.00	\$832.25
10	49	Harvest, Mechanical, Final, Machine, Longleaf	5	\$167.30	\$3,978.16
10	50	Harvest, Mechanical, Final, Machine, Longleaf	12	\$420.00	\$4,078.20
10	56	Harvest, Mechanical, Final, Machine, Longleaf	3	\$104.30	\$2,197.01
10	58	Harvest, Mechanical, Final, Machine, Longleaf	29	\$1,015.00	\$24,425.25
10	59	Harvest, Mechanical, Final, Machine, Longleaf	9	\$307.65	\$6,480.43
10	61	Harvest, Mechanical, Final, Machine, Longleaf	17	\$595.00	\$14,148.25

Yearly Totals

361

\$10.613.80

\$120.359.34

2019

3	31	Forest Health, Other, Burn, Hand, Southern Pine Beetle	40	\$1,000.00	\$0.00
7	28	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	72	\$17,995.00	\$0.00
7	28	Regeneration, Artificial, Plant, Hand, Loblolly	72	\$6,120.00	\$0.00
7	51	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	8	\$1,905.00	\$0.00
7	51	Regeneration, Artificial, Plant, Hand, Loblolly	8	\$680.00	\$0.00
7	54	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	9	\$2,125.00	\$0.00
7	54	Regeneration, Artificial, Plant, Hand, Loblolly	9	\$765.00	\$0.00
10	35	Regeneration, Artificial, Plant, Hand, Longleaf	2	\$222.75	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
10	35	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	2	\$412.50	\$0.00
10	36	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	2	\$547.50	\$0.00
10	36	Regeneration, Artificial, Plant, Hand, Longleaf	2	\$295.65	\$0.00
10	37	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	6	\$1,475.00	\$0.00
10	37	Regeneration, Artificial, Plant, Hand, Longleaf	6	\$796.50	\$0.00
10	38	Regeneration, Artificial, Plant, Hand, Longleaf	1	\$180.90	\$0.00
10	38	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	1	\$335.00	\$0.00
10	39	Regeneration, Artificial, Plant, Hand, Longleaf	8	\$1,065.15	\$0.00
10	39	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	8	\$1,972.50	\$0.00
10	43	Regeneration, Artificial, Plant, Hand, Longleaf	1	\$150.00	\$0.00
10	43	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	1	\$150.00	\$0.00
10	49	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	5	\$1,195.00	\$0.00
10	49	Regeneration, Artificial, Plant, Hand, Longleaf	5	\$645.30	\$0.00
10	50	Regeneration, Artificial, Plant, Hand, Longleaf	12	\$1,620.00	\$0.00
10	50	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	12	\$3,000.00	\$0.00
10	56	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	3	\$745.00	\$0.00
10	56	Regeneration, Artificial, Plant, Hand, Longleaf	3	\$402.30	\$0.00
10	58	Regeneration, Artificial, Plant, Hand, Longleaf	30	\$4,050.00	\$0.00
10	58	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	29	\$7,250.00	\$0.00
10	59	Regeneration, Artificial, Plant, Hand, Longleaf	9	\$1,186.65	\$0.00
10	59	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	9	\$2,197.50	\$0.00
10	61	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	17	\$4,250.00	\$0.00
10	61	Regeneration, Artificial, Plant, Hand, Longleaf	17	\$2,975.00	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
			Yearly Totals	407	\$67,710.20	\$0.00
2020						
5	4	Forest Health, Other, Burn, Hand, Southern Pine Beetle	16	\$400.00	\$0.00	
5	41	Regeneration, Artificial, Re-Seed, Machine, Loblolly	1	\$18.00	\$0.00	
			Yearly Totals	17	\$418.00	\$0.00
			Grand Totals	1.454	\$97,088.75	\$150,472.02