



Vision • Commitment • Pride

FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
SOUTH PIKE

Prepared By:
NELSON HEARN
MFC

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-01-26

Plan Type:
Stewardship / Stewardship

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

Property Name: SECTION 16- 1 N - 9 E

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

TABLE OF CONTENTS

LANDOWNER INFORMATION	3
FORESTER INFORMATION	3
INTRODUCTION	3
OBJECTIVES	3
PROPERTY DESCRIPTION	4
GENERAL PROPERTY RECOMMENDATIONS	5
SOIL TYPES	6
STRATA	8
OTHER PLAN ACTIVITIES	14
DISCLAIMER	15
PLAN MAP	16
PLAN MAP	17
STRATA ACTIVITY SCHEDULE	18

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

LANDOWNER INFORMATION

Name: SOUTH PIKE
Mailing Address: 1010 HIGHWAY 48 E
City, State, Zip: MAGNOLIA, MS 39652
Country: United States of America
Contact Numbers: Home Number:
Office Number: 601-783-3742
Fax Number:

E-mail Address:
Social Security Number (optional):

FORESTER INFORMATION

Name: NELSON HEARN , SERVICE FORESTER
Forester Number: 00379
Organization: MFC
Street Address: PO BOX 255
City, State, Zip: MAGNOLIA, MS 39652
Contact Numbers: Office Number: 601-783-3255
Fax Number:
E-mail Address: nhearn@mfc.state.ms.us

PROPERTY LOCATION

County: Pike Total Acres: 640 Latitude: -90.3 Longitude: 31.05
Section: 16 Township: 1N Range: 9E

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

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.

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.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

PROPERTY DESCRIPTION

General Property Information

This section consist of approximately 640 acres with 594 acres in timber and 46 acres non-forest. This section is located approximately 11 miles Southeast of Magnolia, Ms in the ProgressCommunity. Access to the section is available by the ProgressLexie Road that runs East and West thru the middle of the property. The fully stocked timber resources wre almost totally destroyed by Hurricne Katrina in August,2005.The timber was salvaged and the section was accepted into the EFCRP in 2006.

Archeological or 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 Cutural resources are discovered anytime on the property special management measures will be applied immediatly in order to preserve these sensitive areas.

Water Resources

Silversprings Creek is located in the Southwest portion of the section. Silversprings Creek, and intermittent streams and drains identified 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

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. The following soils are identified for this property:

MISSISSIPPI FORESTRY COMMISSION FOREST STEWARDSHIP MANAGEMENT PLAN

The soil associations found on this section include Ora, Falaya, Stough, Collins, Ruston, and Savannah that are described in greater detail under soil types.

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.

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

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

installation and maintenance, road installation and maintenance, pesticide applications and timber harvesting.

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.

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, 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.

SOIL TYPES

Ora

The Ora soils are found on 2-5 percent slopes. This component is on uplands. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer, fragipan, is 18 to 42 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 30 inches during February, March, April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. Loblolly Site Index = 83.

Falaya

The Falaya soils are found on 0-2 percent slopes. This component is on flood plains. The parent material consists of silty alluvium. 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 moderately low. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

land capability classification is 2w. This soil does not meet hydric criteria. Loblolly Site Index = 90.

Stough

The Stough soils are found on 0-2 percent slopes. This component is on terraces. The parent material consists of loamy alluvium. 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 moderately high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 15 inches during January, February, March, April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. Loblolly Site Index = 90. Slash Site Index = 86.

Collins

The Collins soils are found on 0-2 percent slopes. This component is on flood plains. The parent material consists of silty alluvium 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 high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 42 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Ruston

The Ruston soils are found on 8-12 percent slopes.. 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 high. 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 4e. This soil does not meet hydric criteria. Loblolly Site Index = 86. Longleaf Site Index = 69. Slash Site Index = 85.

Savannah

The Savannah soils are found on 2-5 percent slopes.. This component is on coastal plains. The parent material consists of loamy alluvium deposits. Depth to a root restrictive layer, fragipan, is 16 to 38 inches. The natural drainage class is moderately 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. A seasonal zone of water saturation is at 24 inches during January, February, March. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. Loblolly Site Index = 81.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

STRATA

Strata 1

Strata Description

Strata 1 consist of 144 acres of 8 year old Loblolly Pine plantations that was hand planted in 2002 on a harvest cut sale of pine sawtimber that was aerial sprayed for site preparation prior to tree planting. The expected Site Index at age 50 is 90.

Stand Recommendations

Strata 1 stand 11 with 144 acres will be managed as a Loblolly Pine stand and will be grown to a 35 to 40 year rotation. The stand will need to be cruised in 2018 in order to determine if a first thin can be done in 2019.

Activity Recommendations

Technical

Strata 1 with 144 acres will be evaluated in 2018 for a possible first thin in 2019.

Harvest

Strata 1 with 144 acres of Loblolly Pine plantations will have a first thin in 2019.

Invasive Species Control

Strata 1 with 144 acres of Loblolly Pine plantations that was first thinned in 2019 will be sprayed with a skidder applied application of herbicides in the fall of 2020 to control invasive species in the understory that includes Privet, Chinese Tallow Tree, and climbing ferns.

Strata 2

Strata Description

Strata 2 stands 2, 5, 16, 19, and 20 consist of 27 acres of 20 year old Loblolly Pine plantations that was first thinned in 2010 and sprayed for invasive species control in the fall of 2011.

Strata 2 stand 12 consist of 8 acres of unthinned 20 year old Loblolly Pine plantations.

Strata Recommendations

Strata 2 stands 2, 5, 16, 19, and 20 with 27 acres of once thinned Loblolly Pine plantations will need a second thinning in 2018 to remove the diseased, forked, crooked, and suppressed trees with a target basal area of 70 to 80. This 27 acres will need to be sprayed for QVM in 2019 following the second thin.

Strata 2 stand 12 with 8 acres was scheduled for a first thin in 2010 but access problems prevented the thinning and it will be thinned in 2018 along with the 144 acre first thin

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

for strata 1. In 2019 this 8 acre stand will be sprayed for invasive species control along with strata 1.

Activity Recommendations

Harvest

Strata 2 stands 2, 5, 16, 19, and 20 with 27 acres of pine pulpwood was first thinned in 2010 with the removal of the diseased, crooked, forked, and suppressed trees with a target basal area of 70 to 80.

Vegetation Control

Strata 2 stands 2, 5, 16, 19, and 19 with 27 acres of once thinned Loblolly Pine plantations will need to be sprayed by ground application of forestry herbicides to control resprouting privet and hardwoods in the understory in 2011.

Harvest

Strata 2 stands 2, 5, 16, 19, and 20 with 27 acres of Loblolly Pine will have a second thin in 2018.

Invasive Species Control

Strata 2 stands 2, 5, 16, 19, and 20 with 27 acres of Loblolly Pine plantations that was thinned in 2018 will need to be sprayed with a skidder applied application of herbicides in the fall of 2019 to control invasive species in the understory that includes Privet, Chinese Tallow Tree, and climbing ferns.

Harvest

Strata 2 stand 12 with 8 acres will need to be thinned in 2018 in order to remove the diseased, forked, crooked, and suppressed trees. The target basal area is 70 to 80.

Vegetation Control

Strata 2 stand 12 with 8 acres of once thinned Loblolly Pine plantations will need to be sprayed by aerial application of forestry herbicides to control resprouting privet and hardwoods in the understory in 2019.

Strata 3

Strata Description

Strata 3 stands 7 and 14 consist of 79 acres of Loblolly Pine plantations that was planted on a salvage cut tract of pine sawtimber following Hurricane Katrina in 2007. The site was aerial sprayed for site preparation prior to tree planting. The expected Site Index is 90 at age 50.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Stand Recommendations

Strata 3 with 79 acres of pine plantation will be thinned twice prior to the final harvest at age 35- 40. When regenerated it will be put back into Loblolly Pine.

Strata 3 stand 7 with 24 acres of Loblolly Pine plantations will need a site release in FY 13 to control the hardwood competition.

Activity Recommendations

Stand Improvement

Strata 3 stand 7 with 24 acres of 5 year old Loblolly Pine plantations will need a release application of forestry herbicides in the fall of 2012 to control the hardwood and other brush competition.

Technical

Strata 3 with 79 acres will be evaluated as to a possible first thin in 2021.

Strata 4

Strata Description

Strata 4 stand 17 with 48 acres of fully stocked ,mature mixed pine sawtimber will need to be harvest cut in 2016 followed by aerial site preparation and replanted with containerized Loblolly Pine.

Strata Recommendations

Strata 4 stand 17 with 48 acres of mature mixed pine sawtimber has been approved by FSA to clear cut in FY 2016, site prepare, and replant with containerized Loblolly Pine. The expected Site Index at age 50 is 90.

Activity Recommendations

Harvest

Strata 4 with 48 acres of mixed pine sawtimber in stand 17 will have a final harvest cut in 2016.

Site Preparation

Strata 4 stand 4 with 48 acres of one year old harvest cut pine sawtimber will be site prepared by aerial spraying prior to tree planting with containerized Loblolly Pine. The combination rate of herbicides and water to be applied will be determined by a forestry herbicide specialist prescription . The spraying will be completed by October 15, 2016.

Regeneration

Strata 4 stand 17 with 48 acres will be hand planted with containerized loblolly pine on 8 x 10 spacing at 545 trees per acre after the site preparation is completed. Planting

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

dates will be November 1,2016 thru February 15, 2017. The expected Site Index at age 50 is 90.

Strata 5

Strata Description

Strata 5 with 185 acres of mature undestocked pine and hardwood sawtimber that was salvage cut following Hurricane Katrina in the winter of 2005. The stand was clear cut in the fall of 2010.

Strata Recommendations

Strata 5 with 185 acres of harvest cut timber in the fall of 2010 will be aerial site prep sprayed in the fall of 2011 followed by hand planting with containerized Loblolly Pine. The strata will be grown to 35 to 40 years of age with 2 to 3 thinnings prior to the final harvest. The expected Site Index at age 50 is 100.

Activity Recommendations

Harvest

Strata 5 with 185 acres of mixed pine sawtimber was harvest cut in FY 2011.

Site Preparation

Strata 5 stands 9, 18, 21, and 28 with 185 acres of one year old harvest cut mixed pine sawtimber will be site prepared by aerial spraying prior to tree planting with containerized Loblolly Pine. The combination rate of herbicides and water to be applied will be determined by a forestry herbicide specialist prescription . The spraying will be completed by September 15, 2011.

Regeneration

Strata 5 with 185 acres will be hand planted with containerized Loblolly Pine on 8 x 10 spacing at 545 trees per acre after the site preparation is completed. Planting dates will be November 1,2011 thru February 15, 2012. The expected Site Index at age 50 is 100.

Technical

Strata 5 with 185 acres of 9 year old Loblolly Pine plantations in 2021 will be updated for the management plan for a future first thin.

Strata 6

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Strata Description

Strata 6 consist of 3 acres of 21 year old mixed pine and hardwood pulpwood on an upland sandy loam site.

Strata Recommendations

Strata 6 with 3 acres should be harvest cut, site prepared, and replanted with containerized Loblolly Pine. The expected Site Index after replanting is 90 at age 50.

Activity Recommendations

Harvest

Strata 6 with 3 acres of mixed pine and hardwood pulpwood in stand 27 will have a final harvest cut in 2014.

Site Preparation

This 3 acre tract of one year old cutover mixed pine pulpwood will need backpack spraying for site preparation prior to tree planting no later than October 31, 2015.

Regeneration

Strata 6 stand 27 with 3 acres will be hand planted with containerized loblolly pine on 8 x 10 spacing at 545 trees per acre after the site preparation is completed. Planting dates will be November 1,2015 thru February 15, 2016. The expected Site Index at age 50 is 90.

Strata 7

Strata Description

Strata 7 stands 1 and 30 consist of 43 acres of 40 year old understocked hardwood sawtimber.

Strata Recommendations

Strata 7 stands 1 and 30 with 43 acres of under stocked hardwood sawtimber will need to be harvest cut in 2014 then site prepared and replanted with containerized Loblolly Pine. A site release may be required at a later date.

Activity Recommendations

Harvest

Strata 7 with 43 acres of hardwood sawtimber in stands 1 and 30 will have a final harvest cut in 2014.

Site Preparation

Strata 7 with 43 acres will need to be sheared and raked in the Fall of 2015 prior to tree planting. The site prep must be completed by November 1, 2015.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Regeneration

Strata 7 stands 1 and 30 with 43 acres will be hand planted with containerized Loblolly Pine on 8 x 10 spacing at 545 trees per acre after the site preparation is completed. Planting dates will be November 1, 2015 thru February 15, 2016. The expected Site Index at age 50 is 90.

Stand Improvement

Strata 7 stands 1 and 30 with 43 acres of 1 year old Loblolly Pine plantations will need a release application of forestry herbicides in the fall of 2016 to control the hardwood and other brush competition. The spraying must be completed by October 30, 2016.

Strata 8

Strata Description

Strata 8 stands 15 consist of 14 acres of 52 year old mature pine seedtrees adjacent to an SMZ.

Strata Recommendations

Strata 8 with 14 acres of pine sawtimber seed trees needs a harvest cut in 2014, site prepared, and replanted with containerized Loblolly Pine. The natural reproduction is not sufficient for a new stand.

Activity Recommendations

Harvest

Strata 8 will need a harvest cut of the seed trees in 2014.

Site Preparation

Strata 8 stand 15 with 14 acres will need to be sheared and raked in the Fall of 2015 prior to tree planting. The site prep must be completed by November 1, 2015.

Regeneration

Strata 8 stand 15 with 14 acres will be hand planted with containerized Loblolly Pine on 8 x 10 spacing at 545 trees per acre after the site preparation is completed. Planting dates will be November 1, 2015 thru February 15, 2016. The expected Site Index at age 50 is 90.

Stand Improvement

Strata 8 stand 15 with 14 acres of 1 year old Loblolly Pine plantations will need a release application of forestry herbicides in the Fall of 2016 to control the hardwood and other brush competition. The spraying must be completed by October 30, 2016.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Strata 9

Strata Description

Strata 9 stands 26 and 29 consist of 43 acres of 53 year old hardwood sawtimber designated an SMZ that flows from the Northwest to Southeast corners of the section. The pine overstory was removed from stand 26 in 2011.

Strata Recommendations

Strata 9 with 43 acres of hardwood sawtimber will be maintained as an SMZ. Stand 29 will need a select cut in 2014 to remove the pine overstory. The strata will need to be updated in 2021.

Activity Recommendations

Harvest

Strata 9 stand 29 will have a select cut in 2014 to remove the pine overstory.

Technical

Strata 9 with 43 acres of hardwood sawtimber will be maintained in its current condition as an SMZ.

OTHER PLAN ACTIVITIES

Boundary Lines

Line Description

The exterior property lines are painted orange.

Line Recommendations

The boundary lines should be repainted every 4 to 5 years.

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.

Repaint 4.0 miles with orange paint in 2011.

Property Activities

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

Repaint 4.0 miles with orange paint in 2016.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Property Activities

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

Repaint 4.0 miles with orange paint in 2021.

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.

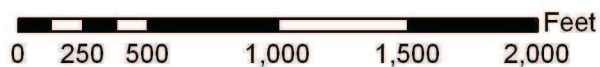


SOUTH PIKE SCHOOL DISTRICT

SECTION 16, T 1 N, R 9 E, PIKE CO., MS
2012 to 2021
640 ACRES



(01/05/2012)



16-1N-9E, MAP LEGEND



Property

- Property

Category 1: Stands

- Clear Cut
- Non-Stocked
- Reproduction
- Sub-Merchantable
- Pulpwood
- Chip-n-Saw
- Sawtimber
- Poles

Category 2: Stands

- Clear Cut
- Non-Stocked
- Reproduction
- Sub-Merchantable
- Pulpwood
- Chip-n-Saw
- Sawtimber
- Poles

Category 3: Non-Forest Stands

- Non-Forest

Category 4: Not in Plan Stands

- Not in Plan

Category 5: Features Only Plan Stand

- Features Only Plan

Boundary Corners

- Property
- Section
- Quarter Section
- Areas

Property Roads/Trails

- Drive Ways
- Access Road

Property Roads/Trails (cont)

- Logging Road
- Skid Trail
- Farm Road
- Hiking Trail
- Horseback Riding Trail

Boundary Lines

- Archeology
- Cemetery
- Drilling Sites
- Education
- Forest Health
- Invasive Species
- Management Compartment
- Military Area
- Natural Area
- Property
- Recreation
- Rights of Way
- SMZ
- Special Use
- Stand
- Surface Mining
- Threatened/Endangered Species
- Visual Buffer

Management Compartment

- Management
- Regeneration
- Site Preparation
- Post Plant
- Site Improvement
- Vegetation Control
- Stand Improvement
- Invasive Species Control
- Harvest
- Fire Protection
- Technical
- Wildlife Management
- Property Activities

Management Compartment (cont)

- Roads
- SMZ
- Forest Health
- Recreation
- Site Restoration

Transportation (Lines)

- City Streets
- County Roads
- 3 Digit Highway
- Interstate Highway
- US Highway
- State Highway
- Natchez Trace Parkway
- Runways/Airports
- Active RR
- Abandoned RR

Hydrology (Lines)

- Mississippi River
- Major River
- Primary Stream
- Intermittent Stream
- Canal
- Ditch
- Earthen Dam
- Concrete Dam

Utilities (Lines)

- Large Electrical
- Local Utility
- Large Pipeline
- Small Pipeline
- Gas Line
- Utility Line
- Water Line

Stand Activity Schedule for
SOUTH PIKE
16 1N 9E

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2012					
5	9	Regeneration, Artificial, Plant, Hand, Loblolly	29	\$3,000.90	\$0.00
5	9	Site Preparation, Chemical, Broadcast, Aerial, Combination	29	\$2,572.20	\$0.00
5	18	Site Preparation, Chemical, Broadcast, Aerial, Combination	12	\$1,069.20	\$0.00
5	18	Regeneration, Artificial, Plant, Hand, Loblolly	12	\$1,247.40	\$0.00
5	21	Site Preparation, Chemical, Broadcast, Aerial, Combination	4	\$376.20	\$0.00
5	21	Regeneration, Artificial, Plant, Hand, Loblolly	4	\$438.90	\$0.00
5	28	Site Preparation, Chemical, Broadcast, Aerial, Combination	140	\$12,613.50	\$0.00
5	28	Regeneration, Artificial, Plant, Hand, Loblolly	140	\$14,715.75	\$0.00
Yearly Totals			370	\$36,034.05	\$0.00
2013					
3	7	Stand Improvement, Chemical, Release, Hand, Woody Stems	24	\$2,160.00	\$0.00
Yearly Totals			24	\$2,160.00	\$0.00
2014					
6	27	Harvest, Mechanical, Final, Machine, Loblolly	3	\$105.00	\$558.00
7	1	Harvest, Mechanical, Final, Machine, Loblolly	10	\$357.35	\$428.82
7	30	Harvest, Mechanical, Final, Machine, Loblolly	33	\$1,155.00	\$1,386.00
8	15	Harvest, Mechanical, Thin, Machine, Loblolly	14	\$546.00	\$13,384.00
9	29	Harvest, Mechanical, Thin, Machine, Loblolly	22	\$770.00	\$3,804.24
Yearly Totals			82	\$2,933.35	\$19,561.06
2015					

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
6	27	Site Preparation, Chemical, Broadcast, Hand, Combination	3	\$311.00	\$0.00	
6	27	Regeneration, Artificial, Plant, Hand, Loblolly	3	\$419.85	\$0.00	
7	1	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	10	\$1,939.90	\$0.00	
7	1	Regeneration, Artificial, Plant, Hand, Loblolly	10	\$1,276.25	\$0.00	
7	30	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	33	\$6,290.90	\$0.00	
7	30	Regeneration, Artificial, Plant, Hand, Loblolly	33	\$4,138.75	\$0.00	
8	15	Regeneration, Artificial, Plant, Hand, Loblolly	14	\$1,750.00	\$0.00	
8	15	Site Preparation, Mechanical, Shear/Rake, Machine, Cut-Over	14	\$2,100.00	\$0.00	
			Yearly Totals	121	\$18,226.65	\$0.00
2016						
4	17	Harvest, Mechanical, Final, Machine, Loblolly	48	\$2,160.00	\$62,592.00	
7	1	Stand Improvement, Chemical, Release, Hand, Woody Stems	10	\$663.65	\$0.00	
7	30	Stand Improvement, Chemical, Release, Hand, Woody Stems	33	\$2,152.15	\$0.00	
8	15	Stand Improvement, Chemical, Release, Hand, Woody Stems	14	\$1,120.00	\$0.00	
			Yearly Totals	105	\$6,095.80	\$62,592.00
2017						
4	17	Regeneration, Artificial, Plant, Hand, Loblolly	48	\$5,951.25	\$0.00	
4	17	Site Preparation, Chemical, Broadcast, Aerial, Combination	48	\$4,284.90	\$0.00	
			Yearly Totals	95	\$10,236.15	\$0.00
2018						
1	11	Technical, Maintain, Update, Hand, Management Plan	144	\$720.00	\$0.00	
2	2	Harvest, Mechanical, Thin, Machine, Loblolly	7	\$86.04	\$3,100.59	
2	5	Harvest, Mechanical, Thin, Machine, Loblolly	6	\$30.00	\$1,227.36	
2	12	Harvest, Mechanical, 1st Thin, Machine, Loblolly	8	\$280.00	\$3,459.52	

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2	16	Harvest, Mechanical, Thin, Machine, Loblolly	4	\$51.72	\$1,863.82
2	19	Harvest, Mechanical, Thin, Machine, Loblolly	8	\$96.00	\$3,459.52
2	20	Harvest, Mechanical, Thin, Machine, Loblolly	2	\$10.00	\$409.12

Yearly Totals			179	\$1,273.76	\$13,519.93
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2019

1	11	Harvest, Mechanical, 1st Thin, Machine, Loblolly	144	\$5,040.00	\$46,296.00
2	2	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Combination	7	\$717.00	\$0.00
2	5	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Combination	6	\$596.00	\$0.00
2	12	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Combination	8	\$800.00	\$0.00
2	16	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Combination	4	\$431.00	\$0.00
2	19	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Combination	8	\$755.00	\$0.00
2	20	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Combination	2	\$229.00	\$0.00

Yearly Totals			179	\$8,568.00	\$46,296.00
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2020

1	11	Invasive Species Control, Chemical, Broadcast, Machine, Privet	144	\$14,394.00	\$0.00
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Yearly Totals			144	\$14,394.00	\$0.00
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2021

3	7	Technical, Maintain, Update, Hand, Management Plan	24	\$120.00	\$0.00
3	14	Technical, Maintain, Update, Hand, Management Plan	55	\$275.00	\$0.00
5	9	Technical, Maintain, Update, Hand, Management Plan	29	\$142.90	\$0.00
5	18	Technical, Maintain, Update, Hand, Management Plan	12	\$59.40	\$0.00
5	21	Technical, Maintain, Update, Hand, Management Plan	4	\$20.90	\$0.00
5	28	Technical, Maintain, Update, Hand, Management Plan	140	\$700.75	\$0.00
9	26	Technical, Maintain, Update, Hand, Management Plan	22	\$66.00	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
9	29	Technical, Maintain, Update, Hand, Management Plan	22	\$66.00	\$0.00
			Yearly Totals	\$1,450.95	\$0.00
			Grand Totals	\$101,372.71	\$141,968.99