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FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Hancock Cty BOE

Prepared By:
Buddy J Cuevas
Ms Forestry Commission

Time Period Covered by This Plan:
2011 - 2021

Date Plan Prepared:
2012-02-27

Plan Type:
Stewardship / Stewardship

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

Property Name: 16-7-15

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**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

LANDOWNER INFORMATION

Name: Hancock Cty BOE
Mailing Address: 17304
Hwy 603
City, State, Zip: Kiln, MS 39556
Country: United States of America
Contact Numbers: Home Number:
Office Number: 228-255-4885
Fax Number:
E-mail Address: JPenton@hancock.k12.ms.us
Social Security Number (optional):

FORESTER INFORMATION

Name: Buddy J Cuevas , Forestry Technician
Forester Number: 00000
Organization: Ms Forestry Commission
Street Address: P.O.BOX 219
City, State, Zip: Kiln, MS 39556
Contact Numbers: Office Number: 228-255-4885
Fax Number:
E-mail Address:

PROPERTY LOCATION

County: Hancock Total Acres: 651 Latitude: -89.5 Longitude: 30.44
Section: 16 Township: 7S Range: 15W

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

This section is composed of 555 acres of sub-merchantable slash and longleaf pine. There are 36 acres of naturally occurring longleaf pine in the pulpwood size class. Fifty-one acres are in chip and saw size class trees along the creek.

A utility right of way composes 10 acres of non-forest in the southern end of the section.

Water Resources

A perennial water resource was identified during a reconnaissance of the property. The perennial stream along with all 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.

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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/Cultural Resources

No archeological or cultural resources were identified during the reconnaissance of this section.

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

Boundary lines are scheduled to be maintained on this section in 2015.

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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.

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.

Wildlife Mgt. Target Species

The objective of this practice is to provide habitat best suited for the featured or target species. Habitat management will focus on providing food, cover, water, and space to facilitate the target species.

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, 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.

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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.

STRATA

Strata 1 (Stands 1, 2, 4, 6, 9 and 10)

Strata Description

This strata has different age groups and different species. Stands 2, 6, and 10 are sub-merchantable slash pine and occupy 400 acres. These slash were planted in 2004. Stands 1, 4, and 9 are sub-merchantable longleaf and occupy 155 acres. They were planted in 2000. A wildfire damaged parts of all these stands in late 2007.

Strata Recommendations

This strata does not have any activities scheduled for this management period.

Strata 2 (Stands 3 and 7)

Strata Description

This strata is composed of naturally occurring longleaf pine trees. These trees are currently in the pulpwood size class. There stocking is sporadic across the strata. This strata will be managed in conjunction with the adjacent sub-merchantable stands.

Strata Recommendations

Due to the relatively small size (36 acres) of this strata and the random stocking, no managemetn activities are scheduled during this management period.

Strata 5 (Stands 8 and 11)

Stand Description

This strata is composed of 22 acres of mixed hardwood timber in the chip and saw size class. This strata is located in and along the poorly drained perennial stream of this section. This strata also suffered losses from the 2007 wildfire.

Stand Recommendations

This strata will not be scheduled for any activities in an effort to support and enhance water quality and will be managed at all times in accordance with Mississippi's Best Management Practices.

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Plan Map

Hancock County Schools

2008 to 2018
640 Acres



(09/17/2008)

Stand Activity Schedule for
Hancock Cty BOE
16 7S 15W

| Strata | Stand | Activity | Acre | Est. Cost | Est. Revenue |
|--------|-------|---------------------|----------|---------------|-----------------|
| | | | | | |
| | | | | | |
| | | Yearly Totals | 0 | \$0.00 | \$0.00 |
| | | Grand Totals | 0 | \$0.00 | \$0.00 |