



Vision • Commitment • Pride

FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Grenada County BOE

Prepared By:
Kenneth E. Cline
MFC

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-02-15

Plan Type:
Stewardship / Stewardship

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

Property Name: S16-T22N-R3E

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**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

LANDOWNER INFORMATION

Name: Grenada County BOE
Mailing Address: Grenada School District
P.O. Box 1940
City, State, Zip: Grenada, MS 38902
Country: United States of America
Contact Numbers: Home Number:
Office Number: 662-226-1606
Fax Number: 662-226-7994
E-mail Address: ddaigneault@gsd.k12.ms.us
Social Security Number (optional):

FORESTER INFORMATION

Name: Kenneth E. Cline , SF
Forester Number: 01333
Organization: MFC
Street Address: 50 E. Pecan St.
Suite-A
City, State, Zip: Grenada, MS 38901
Contact Numbers: Office Number: 662-226-1973
Fax Number: 662-226-1973
E-mail Address: kcline@mfc.state.ms.us

PROPERTY LOCATION

County: Grenada Total Acres: 641 Latitude: -89.99 Longitude: 33.77
Section: 16 Township: 22N Range: 3E

DISCLAIMER

Stewardship Plan 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.

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 located at the intersection of Hwy. 7 & 8 at the town of Holcomb and consist of 641.31 acres, of which 414.35 acres are forested, 188.47 acres are in open field and 38.49 acres are in Non-Forest conditions. The section consists of the following *Stratas*: **STRATUM #1:** Hardwood Sawtimber and Slew-72 yr. old (251.24 ac.), estab. 1939. **Stand # 1, 14, 17, 19, 21, 26 & 29.**

STRATUM #2: Pine Chip & Saw-21 yr. old-[thinned 2010] (112.41 ac.), estab. 1990. **Stand # 5, 7, 10, 12, 18 & 20.**

STRATUM #3: Pine Sub. Merchantable-13 yr. old (42.11 ac.), estab. 1998. **Stand # 4, 6, 8, 9, 11 & 15.**

STRATUM #4: Pine Reproduction-2 yr. old (8.59 ac.), estab. 2010. **Stand # 25.**

The section will be inspected annually to assess the overall condition of the stands, roads and firelanes. Any and all maintenance to the section will be done as needed.

Water Resources

Perennial water resources were identified during a reconnaissance of the property. The watershed drainages of this section are in the South Yalobusha River watershed; a tributary of the Yazoo River Watershed Basin. The objective is to protect, preserve and enhance all water sources and drainages on or transecting the property. Mississippi's Best Management Practices will be implemented during all aspects of the management of this property to minimize the impact on any water source.

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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.

Archeological and Cultural Resources

This section contains three (3) Archeological sites:

A **Cemetery** - located approximately 500 feet South of Hwy. 8, from the intersection of the gas line.

A **Lone Grave Marker** - located approximately 200 feet North of the South boundary line and 1,300 feet East of the West boundary line.

A **Civil War Trench** - located approximately 300 feet South of Hwy. 8 and 100 feet West of the open field.

All of these sites are within **Strata 1**. They will be designated as *Exclusion Zones* in any timber sale contract and will be delineated on the ground with paint or flagging prior to any timber sale or other silvicultural activity, that may negatively impact them.

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

LoB2, LoC2 - Loring silt loam, eroded

The Loring component makes up 90 percent of the map unit. Slopes are 2 to 5 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 14 to 35 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 moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 28 inches during January, February, March, December. Organic matter content in the surface horizon is

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about 1 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. Loblolly Site Index = 90, Cherrybark Oak = 99.

MeF3 - Memphis silt loam, severely eroded

The Memphis component makes up 90 percent of the map unit. Slopes are 17 to 40 percent. This component is on uplands. The parent material consists of loess 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 very 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 2 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. Loblolly Site Index = 80.

He - Henry

The Henry component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 20 to 36 inches. The natural drainage class is poorly 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 low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. Loblolly Site Index = 85.

Cm - Collins silt loam

The Collins component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. 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.

Loblolly Pine Site Index = 105, Cherrybark Oak = 115.

CaA - Calloway silt loam

The Calloway component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 18 to 28 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 high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 16 inches during January, February, March, April. 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 = 95, Cherrybark Oak = 78.

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GrB2 - Grenada silt loam, eroded

The Grenada component makes up 90 percent of the map unit. Slopes are 2 to 5 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 18 to 36 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 low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 23 inches during January, February, March, April. 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 = 80.

Ws - Waverly silt loam

The Waverly component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces. The parent material consists of silty alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is 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 occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 9 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. Loblolly Site Index = 98, Cherrybark Oak = 110.

Fl, Ff - Falaya silt loam

The Falaya component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. 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 land capability classification is 2w. This soil does not meet hydric criteria. Loblolly Site Index = 98, Cherrybark Oak = 110.

LoC3 - Loring silt loam (severly eroded)

The Loring component makes up 90 percent of the map unit. Slopes are 5 to 8 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 14 to 35 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 moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 28 inches during January, February, March, December. 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 = 85.

MeA, MeB2-(eroded) - Memphis silt loam

The Memphis component makes up 90 percent of the map unit. Slopes are 0 to 5 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a

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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 very 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 2 percent. Nonirrigated land capability classification is *1* (for MeA) and *2e* (for MeB2-eroded). This soil does not meet hydric criteria. Loblolly Site Index = 90 (both); Cherrybark Oak = 100 (MeA) and 99 (MeB2-eroded).

Sa, Mx - Sandy and Mixed Alluvial Land

Generated brief soil descriptions are created for major soil components. The *Sandy* and *Mixed*-alluvial land is a miscellaneous area. Cottonwood Site Index = 110, Loblolly Site Index = 68.

W - Water

Generated brief soil descriptions are created for major soil components. The Water area is a miscellaneous area.

GENERAL PROPERTY RECOMMENDATIONS

Forest Protection

A vigorous 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

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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.

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.

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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.

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

Strata Description

Hardwood Sawtimber -72 yr. old (251.24 ac.), estab. 1939. Stand # 1, 14, 17, 19, 21, 26 & 29.

Current stocking consists of approximately 125 trees per acre averaging 14 inches in diameter with an average Basal Area of 126 square feet per acre. The total estimated yield is 109 tons per acre. Species include a variety of oaks, ash, gums, maples and Bald Cypress. This strata is being managed on an 80 year rotation.

Strata Recommendations

{Management activities are dependent on dry site conditions (this site is usually too wet for logging activity)}.

A 100 acre Shelterwood thinning harvest is scheduled for **2012** in Stand # 14, 17 & 29 ; an 85 acre Shelterwood thinning harvest is scheduled for **2019** in Stand # 1, 19, 21 & 26, of this Strata. {The remaining 66 acres is in slew, flooded most of the year. It will be utilized as wildlife habitat and for stand diversity.} The objective will be to open the stand up to allow more sunlight to reach the forest floor, thereby allowing the development of advanced regeneration (new seedlings that will develop into a new forest stand, once the shelterwood trees are removed at a later date.) This will be a thin from below, targeting poorly formed, diseased and damaged trees. The target residual stand will consist mainly of Nuttall Oak, Cherrybark Oak, Sweetgum and Green Ash, with a stocking of approximately 40 square feet of Basal Area per acre.

Following the 2012 harvest and prior to the harvest in 2019, a Chemical Injection and Basal Spray site prep will be scheduled in **2014**-for 100 acres, in Stand # 14, 17 & 29

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and in **2018**-for 85 acres, in *Stand # 1, 19, 21 & 26*. The objective will be to remove undesirable submerchantable trees from the stand. This will improve logging efficiency and reduce competition for the desirable new seedlings, that will develop and form the new stand.

Supplemental tree planting will be utilized to insure adequate stocking levels are achieved. *{This will be scheduled, if needed, after a stocking check is done.}*

Activity Recommendations

Harvest

A Shelterwood thinning harvest (to establish a shelterwood) is scheduled in *Stand # 14, 17 and 29* for **2012** (100 acres); and in *Stand # 1, 19, 21 and 26* for **2019** (85 acres).

Nuttall Oak, Cherrybark Oak, Sweetgum and Green Ash will be favored for leave trees. This will be a thin from below operation, targeting poorly formed, diseased and damaged trees. The residual stand will have a Basal Area of approximately 40 square feet per acre.

The purpose of the Shelterwood harvest will be to open the stands canopy up to allow more sunlight to reach the forest floor, thereby allowing new seedlings to grow and develop into a new forest stand.

Site Preparation

A Chemical Injection and Basal Spray site prep is scheduled for **2014**, in *Stand # 14, 17 and 29* (100 acres); and for **2018** in *Stand # 1, 19, 21 and 26* (85 acres). The objective will be to remove undesirable submerchantable trees from the stand, thereby, reducing competition for the desirable new seedlings that will develop and form the new stand.

Strata 2

Strata Description

Pine Chip-n-Saw-21 yr. old [*thinned-2010*] (112.41 acres), estab. 1990. **Stand # 5, 7, 10, 12, 18 & 20.**

Current stocking consists of 127 trees per acre, averaging 11 inches in diameter. The average Basal Area is 91 square feet per acre and the estimated total yield is 67 tons per acre.

Strata Recommendations

This strata is scheduled for a Mid-Rotation Chemical Treatment in **2012**, to control an undesirable Sweetgum understory. *{Prescribed Burning is not practical due to the location of Hwy. 7 & 8 and the town of Holcomb.}*

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A 3rd thinning is scheduled for **2019**. The goal will be to reduce the Basal Area to 80 square feet per acre. Poorly formed, diseased and damaged trees will be targeted for removal.

Activity Recommendations

Vegetation Control

A Mid-Rotation Chemical Treatment is scheduled for **2012**. The objective will be to control an undesirable Sweetgum understory. The chemical recommendation will be developed prior to advertising for the work in early spring of 2012.

Harvest

A 3rd Thinning is scheduled for **2019**. The objective will be to remove all remaining pulpwood, as well as, any diseased, damaged and ill formed trees. The goal will be to have a residual stand stocking level of 80 square feet per acre of Basal Area.

Strata 3

Strata Description

Pine Sub. Merchantable-13 yr. old (42.11 acres), estab. 1998. **Stand # 4, 6, 8, 9, 11 & 15.**

Current stocking consists of 396 trees per acre, averaging 10 inches in diameter. The average Basal Area is 203 square feet per acre, yielding 179 tons per acre.

Strata Recommendations

This strata is scheduled for a 1st thinning in **2014**. The objective will be to reduce the Basal Area to 80 square feet per acre, targeting diseased, damaged and poorly formed trees. This thinning will be followed by a Prescribed Burn in **2016**. The purpose of this burn will be fuel reduction. A second Prescribed Burn is scheduled for **2019** for Wildlife Habitat Improvement.

Activity Recommendations

Harvest

A 1st thinning is scheduled in **2014** (stand age 16). The objective will be to reduce the Basal Area to approximately 80 square feet per acre, targeting diseased, damaged and ill formed trees. Market and stand conditions will dictate the actual timing of the thinning.

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

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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.

A *Prescribed Burn* is scheduled for **2016** (two years after the 1st thinning), to remove logging slash and reduce the fuel load.

Wildlife Management

Prescribed burning is highly recommended for wildlife habitat management where loblolly, shortleaf, longleaf, or slash pine is the primary overstory species. Periodic fire tends to favor understory species that require a more open habitat. Deer, dove, quail and turkey are game species which benefit from prescribed fire. Yield and quality of herbage, legumes, and browse from hardwood sprouts are increased after a prescribed burn. Prescribed burning creates openings for feeding, travel, and dusting.

A *Prescribed Burn* is scheduled for **2019** (3years after the fuel reduction burn), to improve the wildlife habitat.

Strata 4

Strata Description

Pine Reproduction-2 yr. old (8.59 ac.), estab. 2010. **Stand #25.**

Current stocking consists of 583 trees per acre. [The stand was planted in March 2010. Chemical Post-Planting Site Prep was done in May 2010.]

Strata Recommendations

No activities are planned for this strata, at this time. The stand is young and needs time to develop. This stand will be 11 years old at plan maturity.

OTHER PLAN ACTIVITIES

Boundary Lines

Line Description

The Boundary Lines on this section were last painted in May 2009. They were marked with Blue paint.

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Line Recommendations

Boundary Line Maintenance is scheduled for **2014** and **2019**. They will be marked with *Orange* paint.

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.

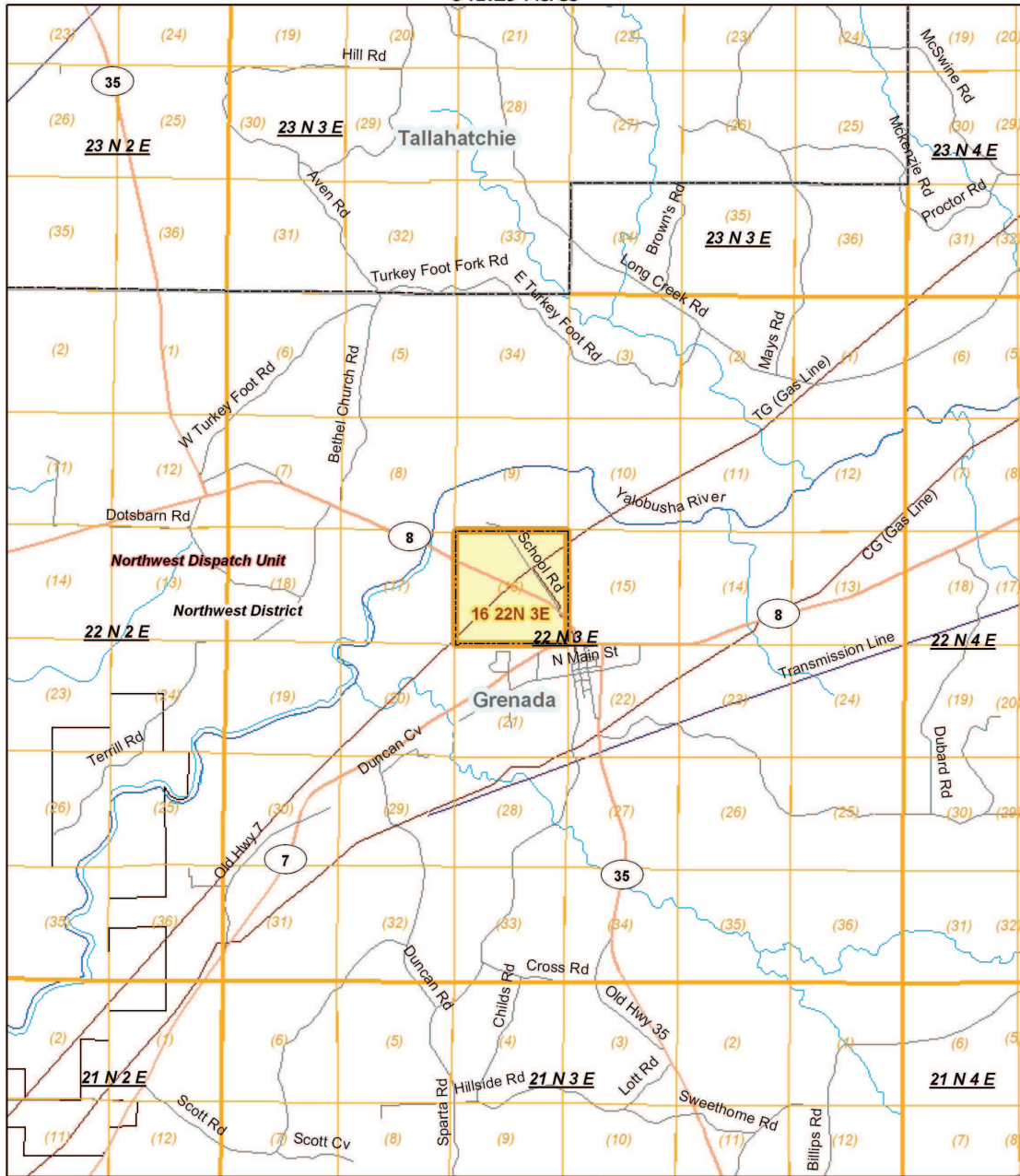
This work is scheduled for **2014** and **2019**, when the boundary lines are painted.

This section will, also, be inspected for Beaver Dams, with demolition of any dams scheduled as needed. The estimated cost of this work is \$500 per demolition. Because the actual need for this work is unpredictable, this cost is NOT included in the Expense & Revenue Spread Sheets included in this plan.

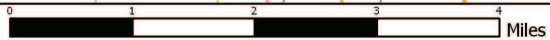
S16-T22N-R3E ROAD MAP--GRENADA COUNTY

Holcomb Section

2012 to 2021
641.29 Acres



(12/07/2011)



S16-T22N-R3E GRENADA COUNTY PLAN MAP



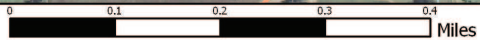
S16-T22N-R3E GRENADA COUNTY PLAN MAP

Holcomb Section

2012 to 2021
641.29 Acres




(12/16/2011)







S16-T22N-R3E--GRENADA COUNTY--LEGEND


Property


 Property (1)

Category 1: Stands


 Sub-Merchantable (6)

 Chip-n-Saw (6)

 Sawtimber (7)


 Reproduction (1)

Category 3: Non-Forest Stands


 Non-Forest (10)

MFC Basemap


County Boundary

 County Boundary (1)


Quadrangle Grid

 USGS Quad (1)


PLS Townships

 PLS Townships (1)


Survey Districts

 District 2 (1)


Blockgroup (Census 2000)

 Blockgroup (Census 2000) (1)


Block (Census 2000)

 Block (Census 2000) (3)


Tract/BNA (Census 2000)

 Tract/BNA (Census 2000) (1)


County Roads

 County Roads (2)


US/State Highways

 State Highway (1)


Natural Gas Lines

 Natural Gas Lines (3)


School Sections

 School Sections (1)

Public School Districts

 GRENADA SCHOOL DISTRICT (1)

US Congressional District

 US Cong Dist #1 (1)


MS Senate

 14 (1)


MS House

 24 (1)


Intermittent Streams

 Intermittent Streams (1)


Hydrologic Units (Basins)

 YALOBUSHA RIVER ABOVE GRENADA DAM (1)


Historic Forest Boundary

 Oak-Hickory-Magnolia-Poplar (1)


MS Forest Habitat


 YAZOO BLUFFLAND FRINGE (1)

Physiographic Region


 LOESS HILLS (1)


Soil Associations

 grenada-calloway-gillsburg (1)


 falaya-collins-waverly (1)

Surface Geology


 ZILPHA/WINONA (1)

 KOSCIUSKO (1)


MFC Districts

 MFC Districts (1)

MFC Dispatch Units

 MFC Dispatch Units (1)

MS Outline

 MS Outline (1)

Stand Activity Schedule for
Grenada County BOE
16 22N 3E

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2012					
1	14	Harvest, Mechanical, Shelter Wood, Machine, Misc Pine	76	\$2,736.00	\$50,540.00
1	17	Harvest, Mechanical, Shelter Wood, Machine, Misc Pine	81	\$2,835.00	\$53,865.00
1	29	Harvest, Mechanical, Shelter Wood, Machine, Misc Pine	7	\$245.00	\$4,655.00
2	5	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woody	19	\$1,488.80	\$0.00
2	7	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woody	31	\$2,500.80	\$0.00
2	10	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woody	31	\$2,511.20	\$0.00
2	12	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woody	4	\$320.00	\$0.00
2	18	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woody	9	\$708.00	\$0.00
2	20	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woody	18	\$1,428.80	\$0.00
Yearly Totals			276	\$14,773.60	\$109,060.00
2014					
1	14	Site Preparation, Chemical, Inject, Hand, Woody	76	\$6,460.00	\$0.00
1	17	Site Preparation, Chemical, Inject, Hand, Woody	81	\$6,885.00	\$0.00
1	29	Site Preparation, Chemical, Inject, Hand, Woody	7	\$595.00	\$0.00
3	4	Harvest, Mechanical, 1st Thin, Machine, Loblolly	4	\$122.50	\$770.00
3	6	Harvest, Mechanical, 1st Thin, Machine, Loblolly	26	\$908.25	\$5,709.00
3	8	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$37.10	\$233.20
3	9	Harvest, Mechanical, 1st Thin, Machine, Loblolly	4	\$133.00	\$836.00
3	11	Harvest, Mechanical, 1st Thin, Machine, Loblolly	7	\$235.20	\$1,478.40
3	15	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$35.00	\$220.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
			Yearly Totals	206	\$15,411.05	\$9,246.60
2016						
3	4	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$87.50	\$0.00	
3	4	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$87.50	\$0.00	
3	6	Fire Protection, Other, Burn, Hand, Fuel Reduction	26	\$648.75	\$0.00	
3	8	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$26.50	\$0.00	
3	9	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$95.00	\$0.00	
3	9	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$95.00	\$0.00	
3	11	Fire Protection, Other, Burn, Hand, Fuel Reduction	7	\$175.00	\$0.00	
3	15	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$27.00	\$0.00	
3	15	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$27.00	\$0.00	
			Yearly Totals	51	\$1,269.25	\$0.00
2018						
1	1	Site Preparation, Chemical, Inject, Hand, Woody	20	\$1,700.00	\$0.00	
1	19	Site Preparation, Chemical, Inject, Hand, Woody	26	\$2,210.00	\$0.00	
1	21	Site Preparation, Chemical, Inject, Hand, Woody	40	\$3,400.00	\$0.00	
1	26	Site Preparation, Chemical, Inject, Hand, Woody	2	\$170.00	\$0.00	
			Yearly Totals	88	\$7,480.00	\$0.00
2019						
1	1	Harvest, Mechanical, Shelter Wood, Machine, Misc Pine	20	\$700.00	\$13,300.00	
1	19	Harvest, Mechanical, Shelter Wood, Machine, Misc Pine	26	\$910.00	\$17,290.00	
1	21	Harvest, Mechanical, Shelter Wood, Machine, Misc Pine	40	\$1,400.00	\$26,600.00	
1	26	Harvest, Mechanical, Shelter Wood, Machine, Misc Pine	2	\$70.00	\$80.00	
2	5	Harvest, Mechanical, Thin, Machine, Loblolly	19	\$651.35	\$13,864.45	

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
2	7	Harvest, Mechanical, Thin, Machine, Loblolly	31	\$1,094.10	\$23,288.70	
2	10	Harvest, Mechanical, Thin, Machine, Loblolly	31	\$1,098.65	\$23,385.55	
2	12	Harvest, Mechanical, Thin, Machine, Loblolly	4	\$140.00	\$2,980.00	
2	18	Harvest, Mechanical, Thin, Machine, Loblolly	9	\$309.75	\$6,593.25	
2	20	Harvest, Mechanical, Thin, Machine, Loblolly	18	\$625.10	\$13,305.70	
3	4	Wildlife Management, Other, Burn, Hand, Habitat Improvement	4	\$87.50	\$0.00	
3	6	Wildlife Management, Other, Burn, Hand, Habitat Improvement	26	\$648.75	\$0.00	
3	8	Wildlife Management, Other, Burn, Hand, Habitat Improvement	1	\$26.50	\$0.00	
3	9	Wildlife Management, Other, Burn, Hand, Habitat Improvement	4	\$95.00	\$0.00	
3	11	Wildlife Management, Other, Burn, Hand, Habitat Improvement	7	\$168.00	\$0.00	
3	15	Wildlife Management, Other, Burn, Hand, Habitat Improvement	1	\$27.00	\$0.00	
			Yearly Totals	242	\$8,051.70	\$140,687.65
			Grand Totals	863	\$46,985.60	\$258,994.25