Vision • Commitment • Pride

FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Lincoln County School

Prepared By:
Howard A Stogner
MFC

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-01-24

Plan Type:
Stewardship / Stewardship

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

Property Name: 16 - 6 North - 8 East

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

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LANDOWNER INFORMATION

Organization:	Lincoln County School Board	
Name:	Lincoln County School	
Mailing Address:	P. O. Box 826	
City, State, Zip:	Brookhaven, MS 39602	
Country:	United States of America	
Contact Numbers:	Home Number:	
	Office Number:	601-835-0011
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E-mail Address:		
Social Security Number (optional):		646000627

FORESTER INFORMATION

Name:	Howard A Stogner , Service Forester	
Forester Number:	01428	
Organization:	MFC	
Street Address:	214 South First Street	
City, State, Zip:	Brookhaven, MS 39601	
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	Fax Number:	601-833-5089
E-mail Address:	hstogner@mfc.state.ms.us	

PROPERTY LOCATION

County:	Lincoln	Total Acres:	640	Latitude:	-90.4	Longitude:	31.49
Section:	16	Township:	6N	Range:	8E		

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.

Water Quality
Streamside management zones have or will be established along the stream and a protective vegetative zone maintained along the perimeter. Water diversions will be installed and maintained where needed on access roads to prevent erosion.

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 in the Enterprise Community. The section is divided into 3 separate areas. These areas are equally divided into regeneration, pulpwood and mature sawtimber. There are two streams running through the section and this will require use of wetland best management practices. An oil pumping station is located in the northwest corner of the section. Prescribed burning on the section will require use of easterly winds to prevent smoke from crossing over highway 583. Because of the multiple pipelines that crisscross the section, logging will require the use of pallets to meet pipeline safety requirements. Thes section has 503 acres in forested land and 137 acres in non-forested land primarily in open fields, oil pumping station, home sites , roads, and pipeline right of ways.

Archeological or Cultural Resources:
These areas can range from churches, old cemeteries, natural springs, Indian mounds to homesites or other areas of historical significance.

Several home sites exist on non-forested areas - see attached map. They area apart of farm residential leases, there are no forest management activities scheduled to occur inside this identified areas.

Water Resources
Perennial water resources were identified during a reconnaissance of the property. However, 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:

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 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.

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 component makes up 60 percent of the map unit. Slopes are 5 to 8 percent. 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 moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The Ruston component makes up 30 percent of the map unit. Slopes are 5 to 8 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 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Guin
The Guin component makes up 90 percent of the map unit. Slopes are 8 to 12 percent. This component is on hillslopes on hills. The parent material consists of gravelly alluvium. 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 low. Available water to a depth of 60 inches is low. 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.

Providence
The Providence component makes up 90 percent of the map unit. Slopes are 8 to 12 percent. This component is on uplands. The parent material consists of silty loess over sandy marine deposits. Depth to a root restrictive layer, fragipan, is 18 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 18 inches during January, February, March. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. Loblolly Site Index = 87. Longleaf Site Index = 73.

Ruston
The Ruston component makes up 90 percent of the map unit. Slopes are 8 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 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.

Guin
The Guin component makes up 90 percent of the map unit. Slopes are 8 to 12 percent. This component is on hillslopes on hills. The parent material consists of gravelly alluvium.

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 low. Available water to a depth of 60 inches is low. 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.

Bude
The Bude component makes up 95 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 40 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 moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 11 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. Loblolly Site Index = 90.

Collins
The Collins component makes up 60 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 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. The Iuka component makes up 35 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of loamy alluvium. 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 high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Falaya
The Falaya component makes up 85 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 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 24 inches during January, February, March, November, December. 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 Site Index = 90.

STRATA

Strata 1

Strata Description

This strata is composed of stands 26, 27, 35, 39, and 45. The strata is 17 years old planted loblolly pine on previously harvested site. The strata is 37 acres in size with a basal area of 135. The site index is 90 feet on a base age of 50 years. The present trees are averaging 70 feet tall and 7.8 inches in diameter.

Strata Recommendations

This strata will need to be thinned two times during the plan time period. The first in 2012 and the second in 2020. Following these thinning the school board may need to due a herbicide to control competing vegetation or a prescribed burn. This will be determined 2 years after the thinnings are done.

Activity Recommendations

Harvest

This strata will be thinned for the first time to remove the competing stems and increase growth for the next thinning. This thinning will be done as a operator select thin. The thinning will be monitored to insure that all best management guidelines are followed. This will reduce the basal area to 80 square feet and be done in 2012.

Vegetation Control

This strata will need herbicide applied to the stand to control competing vegetation that will be present after the stand is thinned. This herbicide will be applied based on label rates and timing. The herbicide application will follow all best management guidelines. This will be done in 2014.

Harvest

This strata will be thinned for the second time to improve growth and to remove competition from under preforming stems in the stand. This will be done by using a operator select thinning method that will promote the best stems to be left to grow to sawtimber size. this will be done in 2020.

Strata 2

Strata Description

This strata is composed of mixed oaks and other hardwoods with scattered loblolly and shortleaf pine mixed in patches. The strata in composed of stands 29, 49, 51, 55, 56, 58, 63, 66, and 68. The basal area is 84 square feet with a site index of 90 for a base age of 50 years. The strata is 55 acres in size.

Stand Recommendations

This stand is economically mature and will need to be harvested and converted to pine to maximize timber revenue.

Activity Recommendations

Harvest

This strata will be harvested to remove the mature timber that is growing below its best productivity. The harvest will be done according to Best Management Practices to protect the land resource from damage. This strata will be harvested in 2018.

Site Preparation

This strata will need to have herbicide applied to control competing vegetation. This herbicide will be applied according to manufacturers labeled rates. The herbicide should only be applied after adequate regrowth of brush has occurred. The herbicide may be applied until October 1st unless otherwise extended by herbicide representative. The herbicide will be applied in 2019 after adequate resprouting has occurred.

Regeneration

This strata will be planted with containerized loblolly pine. The spacing will be 8' X 10' (544 trees/acre). This will allow for earlier planting and should result in better growth and survival. This will be done in 2019.

Strata 3

Strata Description

This strata will is composed of planted loblolly pine planted on a previously harvested area. The strata is made up of stands 2 and 40. The trees are 5 years old with an average stocking of 763 trees per acre. The trees are averaging 15 feet tall and 2.6 inches in diameter. The strata is 55 acres in size.

Stand Recommendations

This strata will need to be monitored until it is time for a harvest. A harvest is expected in 2021. At this time the trees should be ready for a thinning.

Activity Recommendations

Harvest

This strata will be thinned for the first time to improve growth and to remove competition from under preforming stems in the stand. This will be done by using a operator select thinning method that will promote the best stems to be left to grow to sawtimber size. This thinning is to be done in 2021.

Strata 4

Strata Description

This strata is made up of stands 41, 60, and 78. The strata is composed of mixed pines with patches of hardwood scattered within the stand. The average age of the trees is 64 years old and has a basal area of 90 square feet. The site index for this strata soils is 90 feet at a base age of 50 years. The strata is 80 acres in size.

Stand Recommendations

This strata is economically mature and will need to be harvested and converted to pine to maximize timber revenue. This harvest will be in accordance with Best Management Practices.

Activity Recommendations

Harvest

This strata will be harvested to remove all merchantable timber to increase growth returns on the section. This sale complies with all required best management practices and is necessary for best return for the school board. The harvest will be done in 2016.

Site Preparation

This strata will need to have herbicide applied to control competing vegetation. This herbicide will be applied according to manufacturers labeled rates. The herbicide should only be applied after adequate regrowth of brush has occurred. The herbicide may be applied until October 1st unless otherwise extended by herbicide representative. The herbicide will be applied in 2017 after adequate resprouting has occurred.

Regeneration

This strata will planted with containerized loblolly pine. The seedling will be planted on 8 feet by 10 feet spacing (544 trees/acre). The use of containerized seedlings will allow for earlier planting of seedling to begin. This will increase survival of the seedlings planted. The containerized seedlings offer better growth uniformity. This will be planted in 2017.

Strata 5

Strata Description

This strata is made up of stands 11, 12, 13, 22, 46, 61, and 77. The strata is composed of mixed pines with patches of hardwood scattered within the stand. The average age of the trees is 63 years old and has a basal area of 70 square feet. The site index for this strata soils is 90 feet at a base age of 50 years. The strata is 112 acres in size. This strata has been damaged by a wind storm and Hurricane Katrina and will need to be converted to better manage the School Board's timber productivity.

Stand Recommendations

This strata will need to be monitored until it is time for a harvest. A harvest is expected in 2013. At this time the trees should be ready for a thinning.

Activity Recommendations

Harvest

This strata will be harvested to remove all merchantable timber to increase growth returns on the section. This sale complies with all required best management practices and is necessary for best return for the school board. This harvesting will be done in 2013.

Site Preparation

This strata will need to have herbicide applied to control competing vegetation. This herbicide will be applied according to manufacturers labeled rates. The herbicide should only be applied after adequate regrowth of brush has occurred. The herbicide may be applied until October 1st unless otherwise extended by herbicide representative. The herbicide will be applied in 2014 after adequate resprouting has occurred.

Regeneration

This strata will planted with containerized loblolly pine. The seedling will be planted on 8 feet by 10 feet spacing (544 trees/acre). The use of containerized seedlings will allow for earlier planting of seedling to begin. This will increase survival of the seedlings planted. The containerized seedlings offer better growth uniformity. This will be planted in 2014.

Strata 6

Strata Description

This strata is composed of mixed oaks, hickory, and other hardwoods. The strata in composed of stands 1, 50, 52, 57, 53, 48, 28, 38, 6, 5, and 54. The basal area is 85 square feet with a site index of 90 for a base age of 50 years. The strata is 65 acres in size. This strata is predominately a bottomland hardwood site that will require Wetland Best Management Practices to be followed.

Stand Recommendations

This strata is a streamside management zone that will be thinned and not clearcut. This thinning will be done according to the Mississippi Best Management Guidelines to the the required residual basal area. This thinning will occur when strata 5 and strata 2 is harvested in 2013 and 2018 respectively.

Strata 7

Strata Description

This strata is composed of stands 47, 89, 91, 76, and 74. This open field has been released to be planted in loblolly pine this winter. The strata is 76 acres in size

Stand Recommendations

This strata will be planted with loblolly pine and then released with herbicides the following spring.

Activity Recommendations

Regeneration

This strata will be planted with loblolly pine that is genetically improved to increase growth and vigor. The recommended number of seedlings per acre with this type of planting is 622 trees per acre. A follow-up after planting will be done to insure that there is adequate survival of the seedlings after the first summer. Further checks will be done to insure stand is protected from insect and dieases. The planting can start after December 15th to March 1st. The trees will be planted in 2012.

Post Plant

The loblolly pines will be released from the herbaceous competition in the spring following planting. This release will be done following manufacturers labeled rates and timings. A prescription will be given based on the species that are to be targeted for control or suppression. The work will be done in 2012.

Strata 8

Strata Description

This strata is composed of stands 81, 83, and 85. The present stand condition is that an open field has grown up with brush and weeds. The brush is to heavy for cutting with a farm tractor and will need to be mulched. The strata is 11 acres in size.

Strata Recommendations

This strata will need several heavy site prep activities done. The first is brush will be cut down to promote better access to the tract and allow for tree planting to be done. Loblolly pine will be planted after the mulching is done. A follow-up herbicide application will be done in the spring following planting.

Activity Recommendations

Regeneration

Loblolly pine will be planted on the site on a 7' X 10' spacing (622 trees/acre). The trees will be planted following contours in topography to prevent erosion problems. The work will be done from December 1st to March 1st to ensure better survival and growth of the seedlings. This work will be done in 2012.

Site Preparation

Due to the heavy brush with scattered trees on the strata, mulching will be done to allow better planter access to promote better planting and survival. This mulching will remove the understory layer and do it in a way that prevents erosion problems. This work will be done in 2012.

Post Plant

This stand will need to released from vegetative competition by using herbicides. The herbicide application will need to be done according to manufacturers labeled rates to stay within Best Management Guidelines. This work will be done in 2012.

OTHER PLAN ACTIVITIES

Boundary Lines

Line Description

The boundary lines are being maintained to protect the school board property from trespass.

Line Recommendations

The boundary lines will need to be maintained on a 5 to 6 year rotation. The lines will be repainted 2013. The East boundary line has not been reestablished next to the adjacent landowner by the School Board. The West and North Lines need to be surveyed also.

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

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.

Lincoln County Board of Education

Section 16, Township 6 North, Range 8 East, Lincoln County, MS
2012 to 2021
640 Acres

(01/06/2012)

0 0.1 0.2 0.3 0.4 Miles

Plan::0045_00017_28085_04212008135950

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

Restricted Sites
- Archeology
- Cemetery
- Red-Cockaded Woodpecker
- Gopher Tortoise
- Picture Bogg Plant

Forest Health (Points)
- Cogan Grass
- Kudzu
- Japanese Climbing Fern
- Chinese Tallow
- Privet
- Southern Pine Beetle
- Sirex Wasp
- IPPS

Hydrology (Points)
- Concrete Dam
- Beaver Dam
- Earthen Dam
- Permanent
- Temporary
- Wooden
- Other
- Culvert
- Pond

Wildlife (Points)
- Food Plot
- Water Hole
- Feeder

Boundary Corners
- Property
- Section
- Quarter Section
- Areas

Structures
- Barn
- Tractor Shed
- Out Building
- Single-Family
- Multi-Family
- Camp House
- Club House
- Office Building
- Manufacturing
- Warehouse
- Chicken House
- Horse Stall
- Milking Parlor
- Hog Pen
- Blind
- Stand
- Hospital
- Nursing Home
- Dr. Clinic
- State Facility
- Office
- Work Center
- Materials Depot
- Prison
- School
- Church
- Mosque
- Synagogue
- Other

Cruise Plots
- Pre-Cruise
- Post-Cruise

Other
- Towers
- Logging Deck
- Locked
- UnLocked
- Water
- Oil
- Natural Gas

Property Roads/Trails
- Drive Ways
- Access Road
- Logging Road
- Skid Trail
- Farm Road
- Hiking Trail
- Horseback Riding Trail

Boundary Lines
- Archeology
- Cemetery
- Drilling Sites
- Education

Boundary Lines (cont)
- 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

Fire Control
- Temporary Line
- Permanent Fire Break

Wildlife (Lines)
- Green Strip

Fire
- Mitigation Burn
- Silviculture Burn
- Site-Prep Burn
- Wildfire

School Land Lease
- Hunting
- Minerals
- Recreation

Restricted Area
- SMZ
- Archeology,
- Cemetery
- Visual Buffer
- Special Use
- Natural Area
- Education
- Recreation
- Military Area
- Large Utility
- Red-Cockaded Woodpecker
- Gopher Tortoise
- Picture Bogg Plant
- Coal
- Gravel
- Dirt
- Water
- Oil
- Natural Gas

Forest Health (Polygons)
- Cogan Grass
- Kudzu
- Japanese Climbing Fern
- Chinese Tallow
- Privet
- Southern Pine Beetle
- Sirex Wasp
- IPPS

School Land Classification
- Forest Land
- Farm/Residential Land
- Residential Land
- Agricultural Land
- Industrial Land
- Recreational Land
- Catfish Farming Land
- Other Land
- Commercial Land

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
- 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
Lincoln County School Board
16 6N 8E

Strata	Stand	Activity					Acre	Est. Cost	Est. Revenue
2012									
7	74	Post Plant	Chemical	Broadcast	Machine	Herbaceous	17	$1,118.00	$0.00
1	26	Harvest	Mechanical	Thin	Machine	Misc Pine	17	$169.30	$6,373.30
1	35	Harvest	Mechanical	Thin	Machine	Misc Pine	16	$159.70	$6,011.91
1	27	Harvest	Mechanical	Thin	Machine	Misc Pine	3	$25.70	$967.48
1	39	Harvest	Mechanical	Thin	Machine	Misc Pine	1	$10.00	$376.45
7	89	Regeneration	Artificial	Plant	Hand	Loblolly	8	$741.60	$0.00
7	91	Regeneration	Artificial	Plant	Hand	Loblolly	13	$1,140.30	$0.00
7	76	Post Plant	Chemical	Broadcast	Machine	Herbaceous	34	$2,181.40	$0.00
7	47	Post Plant	Chemical	Broadcast	Machine	Herbaceous	5	$314.60	$0.00
1	45	Harvest	Mechanical	Thin	Machine	Misc Pine	1	$11.80	$444.21
7	74	Regeneration	Artificial	Plant	Hand	Loblolly	17	$1,548.00	$0.00
7	47	Regeneration	Artificial	Plant	Hand	Loblolly	5	$435.60	$0.00
7	76	Regeneration	Artificial	Plant	Hand	Loblolly	34	$3,020.40	$0.00
7	89	Post Plant	Chemical	Broadcast	Machine	Herbaceous	8	$535.60	$0.00
8	85	Site Preparation	Mechanical	Bushog	Machine	Open Field	4	$378.00	$0.00
7	91	Post Plant	Chemical	Broadcast	Machine	Herbaceous	13	$823.55	$0.00
8	81	Regeneration	Artificial	Plant	Machine	Loblolly	4	$374.40	$0.00
8	83	Regeneration	Artificial	Plant	Machine	Loblolly	2	$181.80	$0.00
8	85	Regeneration	Artificial	Plant	Machine	Loblolly	4	$388.80	$0.00
8	81	Site Preparation	Mechanical	Bushog	Machine	Open Field	4	$364.00	$0.00

Strata	Stand	Activity					Acre	Est. Cost	Est. Revenue
8	83	Site Preparation	Mechanical	Bushog	Machine	Open Field	2	$176.75	$0.00
8	85	Post Plant	Chemical	Broadcast	Machine	Combination	4	$280.80	$0.00
8	83	Post Plant	Chemical	Broadcast	Machine	Combination	2	$131.30	$0.00
8	81	Post Plant	Chemical	Broadcast	Machine	Combination	4	$270.40	$0.00
						Yearly Totals	222	$14,781.80	$14,173.34
2013									
5	13	Harvest	Mechanical	Final	Machine	Misc Pine	4	$140.00	$2,286.28
5	12	Harvest	Mechanical	Final	Machine	Misc Pine	53	$1,855.00	$30,293.21
5	11	Harvest	Mechanical	Final	Machine	Misc Pine	2	$70.00	$1,143.14
5	61	Harvest	Mechanical	Final	Machine	Misc Pine	11	$385.00	$6,183.10
5	22	Harvest	Mechanical	Final	Machine	Misc Pine	3	$105.00	$1,663.92
5	77	Harvest	Mechanical	Final	Machine	Misc Pine	28	$980.00	$15,738.80
5	46	Harvest	Mechanical	Final	Machine	Misc Pine	10	$350.00	$5,546.40
						Yearly Totals	111	$3,885.00	$62,854.85
2014									
5	12	Site Preparation	Chemical	Broadcast	Machine	Woody	53	$7,963.50	$0.00
5	61	Site Preparation	Chemical	Broadcast	Machine	Woody	11	$1,650.00	$0.00
5	12	Regeneration	Artificial	Plant	Hand	Loblolly	53	$6,360.00	$0.00
5	11	Regeneration	Artificial	Plant	Hand	Loblolly	2	$262.80	$0.00
5	46	Regeneration	Artificial	Plant	Hand	Loblolly	10	$1,143.60	$0.00
5	22	Regeneration	Artificial	Plant	Hand	Loblolly	3	$360.00	$0.00
5	13	Site Preparation	Chemical	Broadcast	Machine	Woody	4	$639.00	$0.00
1	39	Vegetation Control	Chemical	MRVM (Mid	Machine	Woody	1	$150.00	$0.00

Strata	Stand	Activity					Acre	Est. Cost	Est. Revenue
1	45	Vegetation Control	Chemical	MRVM (Mid	Machine	Woody	1	$177.00	$0.00
5	11	Site Preparation	Chemical	Broadcast	Machine	Woody	2	$328.50	$0.00
5	61	Regeneration	Artificial	Plant	Hand	Loblolly	11	$1,320.00	$0.00
1	27	Vegetation Control	Chemical	MRVM (Mid	Machine	Woody	3	$385.50	$0.00
1	35	Vegetation Control	Chemical	MRVM (Mid	Machine	Woody	16	$2,395.50	$0.00
1	26	Vegetation Control	Chemical	MRVM (Mid	Machine	Woody	17	$2,539.50	$0.00
5	13	Regeneration	Artificial	Plant	Hand	Loblolly	4	$511.20	$0.00
5	22	Site Preparation	Chemical	Broadcast	Machine	Woody	3	$450.00	$0.00
5	77	Site Preparation	Chemical	Broadcast	Machine	Woody	28	$4,200.00	$0.00
5	77	Regeneration	Artificial	Plant	Hand	Loblolly	28	$3,349.20	$0.00
5	46	Site Preparation	Chemical	Broadcast	Machine	Woody	10	$1,429.50	$0.00
						Yearly Totals	260	$35,614.80	$0.00
2016									
4	60	Harvest	Mechanical	Final	Machine	Misc Pine	20	$716.80	$42,119.78
4	78	Harvest	Mechanical	Final	Machine	Misc Pine	37	$1,295.00	$86,132.30
4	41	Harvest	Mechanical	Final	Machine	Misc Pine	23	$809.20	$53,821.05
						Yearly Totals	81	$2,821.00	$182,073.13
2017									
4	41	Site Preparation	Chemical	Broadcast	Machine	Woody	23	$2,312.00	$0.00
4	78	Regeneration	Artificial	Plant	Hand	Loblolly	37	$4,410.00	$0.00
4	41	Regeneration	Artificial	Plant	Hand	Loblolly	23	$2,774.40	$0.00
4	60	Regeneration	Artificial	Plant	Hand	Loblolly	20	$2,400.00	$0.00
4	78	Site Preparation	Chemical	Broadcast	Machine	Woody	37	$3,675.00	$0.00

Strata	Stand	Activity					Acre	Est. Cost	Est. Revenue
4	60	Site Preparation	Chemical	Broadcast	Machine	Woody	20	$2,000.00	$0.00
						Yearly Totals	160	$17,571.40	$0.00
2018									
2	63	Harvest	Mechanical	Final	Machine	Misc Hardwood	5	$168.70	$7,008.04
2	51	Harvest	Mechanical	Final	Machine	Misc Hardwood	2	$55.30	$2,297.24
2	55	Harvest	Mechanical	Final	Machine	Misc Hardwood	1	$43.05	$1,788.36
2	56	Harvest	Mechanical	Final	Machine	Misc Hardwood	1	$32.90	$1,366.71
2	29	Harvest	Mechanical	Final	Machine	Misc Hardwood	7	$228.90	$9,508.83
2	49	Harvest	Mechanical	Final	Machine	Misc Hardwood	19	$665.00	$27,625.05
2	66	Harvest	Mechanical	Final	Machine	Misc Hardwood	7	$249.20	$10,352.12
2	58	Harvest	Mechanical	Final	Machine	Misc Hardwood	2	$57.40	$2,384.48
						Yearly Totals	43	$1,500.45	$62,330.84
2019									
2	63	Regeneration	Artificial	Plant	Hand	Misc Red Oak	5	$1,446.00	$0.00
2	51	Regeneration	Artificial	Plant	Hand	Misc Red Oak	2	$474.00	$0.00
2	63	Site Preparation	Chemical	Broadcast	Machine	Woody	5	$723.00	$0.00
2	55	Regeneration	Artificial	Plant	Hand	Misc Red Oak	1	$369.00	$0.00
2	58	Regeneration	Artificial	Plant	Hand	Misc Red Oak	2	$492.00	$0.00
2	66	Regeneration	Artificial	Plant	Hand	Misc Red Oak	7	$2,136.00	$0.00
2	55	Site Preparation	Chemical	Broadcast	Machine	Woody	1	$184.50	$0.00
2	56	Regeneration	Artificial	Plant	Hand	Misc Red Oak	1	$282.00	$0.00
2	49	Regeneration	Artificial	Plant	Hand	Misc Red Oak	19	$5,574.00	$0.00
2	29	Regeneration	Artificial	Plant	Hand	Misc Red Oak	7	$1,962.00	$0.00

Strata	Stand	Activity					Acre	Est. Cost	Est. Revenue
2	56	Site Preparation	Chemical	Broadcast	Machine	Woody	1	$141.00	$0.00
2	51	Site Preparation	Chemical	Broadcast	Machine	Woody	2	$237.00	$0.00
2	66	Site Preparation	Chemical	Broadcast	Machine	Woody	7	$1,068.00	$0.00
2	49	Site Preparation	Chemical	Broadcast	Machine	Woody	19	$2,787.00	$0.00
2	29	Site Preparation	Chemical	Broadcast	Machine	Woody	7	$981.00	$0.00
2	58	Site Preparation	Chemical	Broadcast	Machine	Woody	2	$246.00	$0.00
						Yearly Totals	85	$19,102.50	$0.00
2020									
1	26	Harvest	Mechanical	Thin	Machine	Loblolly	17	$595.00	$5,525.00
1	27	Harvest	Mechanical	Thin	Machine	Loblolly	3	$105.00	$600.00
1	35	Harvest	Mechanical	Thin	Machine	Loblolly	16	$560.00	$5,200.00
1	39	Harvest	Mechanical	Thin	Machine	Loblolly	1	$35.00	$325.00
1	45	Harvest	Mechanical	Thin	Machine	Loblolly	1	$35.00	$325.00
						Yearly Totals	38	$1,330.00	$11,975.00
2021									
3	2	Harvest	Mechanical	Thin	Machine	Loblolly	5	$175.00	$2,062.00
3	40	Harvest	Mechanical	Thin	Machine	Loblolly	75	$2,625.00	$30,000.00
						Yearly Totals	80	$2,800.00	$32,062.00
						Grand Totals	**1,079**	**$99,406.95**	**$365,469.16**