



Vision • Commitment • Pride

# FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:  
Brookhaven School District

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 - 7 North - 9 East**

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**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**LANDOWNER INFORMATION**

Organization: Brookhaven Separate School District  
Name: Brookhaven School District  
Mailing Address: P.O. Box 540  
City, State, Zip: Brookhaven, MS 39601  
Country: United States of America  
Contact Numbers: Home Number:  
Office Number: 601-833-6661  
Fax Number:  
E-mail Address:  
Social Security Number (optional): 646000182

**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  
Contact Numbers: Office Number: 601-833-8563  
Fax Number: 601-833-5089  
E-mail Address: hstogner@mfc.state.ms.us

**PROPERTY LOCATION**

County: Lincoln    Total Acres: 641    Latitude: -90.3    Longitude: 31.58  
Section: 16    Township: 7N    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.

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*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 Fair River Community. The section is accessed off of Hopewell Road or through Mr. Jerry Kees property from the south. The section is gently rolling terrain with multiple streams and Little Fair River running through it. The section has a problem with beavers from time to time backing up the various small stream and river that flows through the section. This is causing a access problem from the north. The timber is divided very evenly between mature and pulpwood timber types. The mature timber will need to be harvested and regenerated over the next 10 years. The multiple water courses will require use of best mangement practices. The section has 622 acres forested and 22 acres in non-forested land in roads, pipeline right of way, and camp sites.

*Archeological or Cultural Resources*

These areas can range from churches, old cemeteries, natural springs, Indain mounds to homesites or other areas of historical significance.

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

*Water Resources*

Several 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.

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*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*.

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**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.

*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**

*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.

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*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.

*Ruston*

The Ruston component makes up 90 percent of the map unit. Slopes are 17 to 35 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 7e. This soil does not meet hydric criteria. Loblolly Site Index = 86. Longleaf Site Index = 69. Slash Site Index = 85.

*Dulac*

The Dulac component makes up 50 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 20 to 26 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. 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 4e. This soil does not meet hydric criteria. The Boswell component makes up 45 percent of the map unit. Slopes are 5 to 8 percent. This component is on uplands. The parent material consists of clayey fluviomarine 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 very low. Available water to a depth of 60 inches is high. Shrink-swell potential is very high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

*Hatchie*

The Hatchie component makes up 40 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces. The parent material consists of loess. Depth to a root restrictive layer, fragipan, is 18 to 38 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.

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Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. The Freeland component makes up 40 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 18 to 40 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 2w. This soil does not meet hydric criteria.

*Waverly*

The Waverly 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 poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is frequently flooded. It is 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 5w. This soil meets hydric criteria. Loblolly Site Index = 95.

*Providence*

The Providence 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 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.

*Collins*

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 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 39 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.

*Ora*

The Ora 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 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.



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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 2e. This soil does not meet hydric criteria. Loblolly Site Index = 87. Longleaf Site Index = 73.

## **STRATA**

### *Strata 1*

#### Stand Description

This strata is composed of stands 7, 13, 14, 16, 22, 23, 24, 26, 29, 39, 115, 35, and 158. This 26 year old loblolly pine stand is planted on a harvested site with a herbicide application prior to planting. The terrain is flat to gently rolling with heavy equipment use limited to summer and fall months due to the soil type. The basal area after the first thinning is 88 square feet. The site index for pine is 90 feet at a base age of 50 years. This strata is 136 acres in size.

#### Stand Recommendations

This strata will need to be thinned to increase growth and improve stand vigor. This will be done by thinning down to 80 square feet of basal area to open the stand to receive more sunlight and nutrients. Then a herbicide will be applied to control woody vegetation after sunlight re-enters the strata.

#### Activity Recommendations

##### Harvest

This strata will be thinned for the second time to improve growth and to remove competition from under performing 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 2015.

##### 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 2016.

### *Strata 2*

#### Stand Description

This strata is composed of stands 20, 21, 25, and 41. This 10 year old loblolly pine stand is planted on a harvested site with a herbicide application prior to planting. The terrain is flat with heavy equipment use limited to summer and fall months due to the soil type. The basal area of the strata is 67 square feet. The site index for pine is 90 feet at a base age of 50 years. This strata is 34 acres in size.

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Stand Recommendations

This strata will need to be thinned to increase growth and improve stand vigor. This will be done by thinning down to 80 square feet of basal area to open the stand to receive more sunlight and nutrients. Then a herbicide will be applied to control woody vegetation after sunlight re-enters the strata.

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 2018.

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 2019.

*Strata 3*

Strata Description

This strata is composed of stands 15, 99, 19, and 98. This 4 year old longleaf pine plantation has 622 trees per acre. The site index is 90 feet at a base age of 50 years. The strata has some natural loblolly pine regeneration and is 45 acres.

Strata Recommendations

This strata will be evaluated for a prescribe burn to control competing vegetation and brown spot needle blight.

*Strata 4*

Strata Description

This strata is composed of mixed oaks, hickory, and other hardwoods. The strata in composed of stands 2, 11, 31, 36, 43, 44, 152, 54, and 111. The basal area is 85 square feet with a site index of 90 for 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 will be harvested as needed with adajacent stands to protect the soils along the streamside management zones and environmentally sensitive areas. This stand will be managed as other strata nearby are harvested.

*Strata 5*

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Strata Description

This strata is composed of stands 157, 109, 47, 79, 85, 93, 153, and 154. This strata is presently in cutover and is scheduled to be reforested. The site index for the strata is 90 feet on a base age of 50 years. The strata is 78 acres in size.

Strata Recommendations

This strata will need heavy site preparation done. The first requires that an application of herbicide be done to remove competing vegetation. This will need to be done before October 31st, to achieve maximum control of the competing vegetation. This herbicide can be applied by hand or aerial depending on the landowner's resources and requirements. The herbicide rate will be obtained by the consultant handling the landowner's property. All herbicide applications will be required to follow Mississippi Best Management Practices guidelines. Then this winter loblolly pine will be planted between December 15th and March 1st.

Activity Recommendations

Regeneration

This strata will be 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 2012.

*Strata 6*

Strata Description

This strata is composed of mixed oaks and other hardwoods with scattered loblolly and shortleaf pine mixed in patches. The strata is composed of stands 161, 140, 131, and 134. The basal area is 84 square feet with a site index of 90 for a base age of 50 years. The strata is 49 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

The timber will be harvested to remove all merchantable timber within the strata and then converted into a better revenue producing stand. This will be done in 2012.

Site Preparation

This strata will need to have herbicide applied to control woody and herbaceous species. The herbicide will need to be applied according to the label rates and timing

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to insure good vegetation control. This herbicide will be applied aerially to the stand. This work will be done in 2013.

**Regeneration**

This strata will be 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 2013.

*Strata 7*

**Strata Description**

This strata is made up of stands 1, 35, and 37. 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 95 feet at a base age of 50 years. The strata is 65 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 and will be done in 2016.

**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 2016.

**Site Preparation**

This strata will need to have herbicide applied to control woody and herbaceous species. The herbicide will need to be applied according to the label rates and timing to insure good vegetation control. This herbicide will be applied aerially to the stand. This work will be done in 2017.

**Regeneration**

This strata will be 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.

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*Strata 8*

Stand Description

This strata is composed of stand 159. This 26 year old loblolly pine stand is planted on a harvested site with a herbicide application prior to planting. The terrain is flat with heavy equipment use limited to summer and fall months due to the soil type. The basal area after the first thinning is 88 square feet. The site index for pine is 90 feet at a base age of 50 years. This strata is 97 acres in size.

Stand Recommendations

This strata will need to be thinned to increase growth and improve stand vigor. This will be done by thinning down to 80 square feet of basal area to open the stand to receive more sunlight and nutrients. Then a herbicide will be applied to control woody vegetation after sunlight re-enters the strata.

Activity Recommendations

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 2017.

Harvest

This strata will be thinned for the second time to improve growth and to remove competition from under performing 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 2016.

**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 2017.

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.

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**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.



# Brookhaven Separate School Board



## Brookhaven Separate School District

Section 16, Township 7 North, Range 9 East, Lincoln County, MS  
2008 to 2021  
640 Acres



(01/16/2012)

0 0.1 0.2 0.3 0.4 Miles



Plan::0045 00018 28085 04212008135735

- |   |   |  |   |
|---|---|--|---|
| <p><b>Property</b></p> <ul style="list-style-type: none"> <li> Property</li> </ul> <p><b>Category 1: Stands</b></p> <ul style="list-style-type: none"> <li> Clear Cut</li> <li> Non-Stocked</li> <li> Reproduction</li> <li> Sub-Merchantable</li> <li> Pulpwood</li> <li> Chip-n-Saw</li> <li> Sawtimber</li> <li> Poles</li> </ul> <p><b>Category 2: Stands</b></p> <ul style="list-style-type: none"> <li> Clear Cut</li> <li> Non-Stocked</li> <li> Reproduction</li> <li> Sub-Merchantable</li> <li> Pulpwood</li> <li> Chip-n-Saw</li> <li> Sawtimber</li> <li> Poles</li> </ul> <p><b>Category 3: Non-Forest Stands</b></p> <ul style="list-style-type: none"> <li> Non-Forest</li> </ul> <p><b>Category 4: Not in Plan Stands</b></p> <ul style="list-style-type: none"> <li> Not in Plan</li> </ul> <p><b>Category 5: Features Only Plan Stand</b></p> <ul style="list-style-type: none"> <li> Features Only Plan</li> </ul> <p><b>Restricted Sites</b></p> <ul style="list-style-type: none"> <li> Archeology</li> <li> Cemetery</li> <li> Red-Cockaded Woodpecker</li> <li> Gopher Tortoise</li> <li> Picture Bogg Plant</li> </ul> <p><b>Forest Health (Points)</b></p> <ul style="list-style-type: none"> <li> Cogan Grass</li> <li> Kudzu</li> <li> Japanese Climbing Fern</li> <li> Chinese Tallow</li> <li> Privet</li> <li> Southern Pine Beetle</li> <li> Sirex Wasp</li> <li> IPPS</li> </ul> <p><b>Hydrology (Points)</b></p> <ul style="list-style-type: none"> <li> Concrete Dam</li> <li> Beaver Dam</li> <li> Earthen Dam</li> <li> Permanent</li> <li> Temporary</li> <li> Wooden</li> <li> Other</li> <li> Culvert</li> <li> Pond</li> </ul> <p><b>Wildlife (Points)</b></p> <ul style="list-style-type: none"> <li> Food Plot</li> <li> Water Hole</li> <li> Feeder</li> </ul> | <p><b>Boundary Corners</b></p> <ul style="list-style-type: none"> <li> Property</li> <li> Section</li> <li> Quarter Section</li> <li> Areas</li> </ul> <p><b>Structures</b></p> <ul style="list-style-type: none"> <li> Barn</li> <li> Tractor Shed</li> <li> Out Building</li> <li> Single-Family</li> <li> Multi-Family</li> <li> Camp House</li> <li> Club House</li> <li> Office Building</li> <li> Manufacturing</li> <li> Warehouse</li> <li> Chicken House</li> <li> Horse Stall</li> <li> Milking Parlor</li> <li> Hog Pen</li> <li> Blind</li> <li> Stand</li> <li> Hospital</li> <li> Nursing Home</li> <li> Dr. Clinic</li> <li> State Facility</li> <li> Office</li> <li> Work Center</li> <li> Materials Depot</li> <li> Prison</li> <li> School</li> <li> Church</li> <li> Mosque</li> <li> Synagogue</li> <li> Other</li> </ul> <p><b>Cruise Plots</b></p> <ul style="list-style-type: none"> <li> Pre-Cruise</li> <li> Post-Cruise</li> </ul> <p><b>Other</b></p> <ul style="list-style-type: none"> <li> Towers</li> <li> Logging Deck</li> <li> Locked</li> <li> UnLocked</li> <li> Water</li> <li> Oil</li> <li> Natural Gas</li> </ul> <p><b>Property Roads/Trails</b></p> <ul style="list-style-type: none"> <li> Drive Ways</li> <li> Access Road</li> <li> Logging Road</li> <li> Skid Trail</li> <li> Farm Road</li> <li> Hiking Trail</li> <li> Horseback Riding Trail</li> </ul> <p><b>Boundary Lines</b></p> <ul style="list-style-type: none"> <li> Archeology</li> <li> Cemetery</li> <li> Drilling Sites</li> <li> Education</li> </ul> | <p><b>Boundary Lines (cont)</b></p> <ul style="list-style-type: none"> <li> Forest Health</li> <li> Invasive Species</li> <li> Management Compartment</li> <li> Military Area</li> <li> Natural Area</li> <li> Property</li> <li> Recreation</li> <li> Rights of Way</li> <li> SMZ</li> <li> Special Use</li> <li> Stand</li> <li> Surface Mining</li> <li> Threatened/Endangered Species</li> <li> Visual Buffer</li> </ul> <p><b>Fire Control</b></p> <ul style="list-style-type: none"> <li> Temporary Line</li> <li> Permanent Fire Break</li> </ul> <p><b>Wildfire (Lines)</b></p> <ul style="list-style-type: none"> <li> Green Strip</li> </ul> <p><b>Fire</b></p> <ul style="list-style-type: none"> <li> Mitigation Burn</li> <li> Silviculture Burn</li> <li> Site-Prep Burn</li> <li> Wildfire</li> </ul> <p><b>School Land Lease</b></p> <ul style="list-style-type: none"> <li> Hunting</li> <li> Minerals</li> <li> Recreation</li> </ul> <p><b>Restricted Area</b></p> <ul style="list-style-type: none"> <li> SMZ</li> <li> Archeology</li> <li> Cemetery</li> <li> Visual Buffer</li> <li> Special Use</li> <li> Natural Area</li> <li> Education</li> <li> Recreation</li> <li> Military Area</li> <li> Large Utility</li> <li> Red-Cockaded Woodpecker</li> <li> Gopher Tortoise</li> <li> Picture Bogg Plant</li> <li> Coal</li> <li> Gravel</li> <li> Dirt</li> <li> Water</li> <li> Oil</li> <li> Natural Gas</li> </ul> <p><b>Forest Health (Polygons)</b></p> <ul style="list-style-type: none"> <li> Cogan Grass</li> <li> Kudzu</li> <li> Japanese Climbing Fern</li> <li> Chinese Tallow</li> <li> Privet</li> <li> Southern Pine Beetle</li> <li> Sirex Wasp</li> <li> IPPS</li> </ul> | <p><b>School Land Classification</b></p> <ul style="list-style-type: none"> <li> Forest Land</li> <li> Farm/Residential Land</li> <li> Residential Land</li> <li> Agricultural Land</li> <li> Industrial Land</li> <li> Recreational Land</li> <li> Catfish Farming Land</li> <li> Other Land</li> <li> Commercial Land</li> </ul> <p><b>Management Compartment</b></p> <ul style="list-style-type: none"> <li> Management</li> <li> Regeneration</li> <li> Site Preparation</li> <li> Post Plant</li> <li> Site Improvement</li> <li> Vegetation Control</li> <li> Stand Improvement</li> <li> Invasive Species Control</li> <li> Harvest</li> <li> Fire Protection</li> <li> Technical</li> <li> Wildlife Management</li> <li> Property Activities</li> <li> Roads</li> <li> SMZ</li> <li> Forest Health</li> <li> Recreation</li> <li> Site Restoration</li> </ul> <p><b>Transportation (Lines)</b></p> <ul style="list-style-type: none"> <li> City Streets</li> <li> County Roads</li> <li> 3 Digit Highway</li> <li> Interstate Highway</li> <li> US Highway</li> <li> State Highway</li> <li> Natchez Trace Parkway</li> <li> Runways/Airports</li> <li> Active RR</li> <li> Abandoned RR</li> </ul> <p><b>Hydrology (Lines)</b></p> <ul style="list-style-type: none"> <li> Mississippi River</li> <li> Major River</li> <li> Primary Stream</li> <li> Intermittent Stream</li> <li> Canal</li> <li> Ditch</li> <li> Earthen Dam</li> <li> Concrete Dam</li> </ul> <p><b>Utilities (Lines)</b></p> <ul style="list-style-type: none"> <li> Large Electrical</li> <li> Local Utility</li> <li> Large Pipeline</li> <li> Small Pipeline</li> <li> Gas Line</li> <li> Utility Line</li> <li> Water Line</li> </ul> |
|---|---|--|---|



Stand Activity Summary for  
Brookhaven Separate School District  
16 7N 9E

**Filters Applied:** County:  
Client Class:  
District:  
Client: Brookhaven Separate Sch  
STR: 16 7N 9E  
Activity:  
Year: Through

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
<b>2011</b>						
16 7N 9E	5	79	Harvest, Mechanical, Final, Machine, Loblolly	6	\$442.50	\$0.00
16 7N 9E	5	79	Site Preparation, Chemical, Broadcast, Machine, Woody	6	\$885.00	\$0.00
16 7N 9E	5	79	Regeneration, Artificial, Plant, Hand, Loblolly	6	\$708.00	\$0.00
16 7N 9E	5	85	Harvest, Mechanical, Final, Machine, Loblolly	2	\$178.50	\$0.00
16 7N 9E	5	85	Site Preparation, Chemical, Broadcast, Machine, Woody	2	\$357.00	\$0.00
16 7N 9E	5	85	Regeneration, Artificial, Plant, Hand, Loblolly	2	\$285.60	\$0.00
16 7N 9E	5	109	Regeneration, Artificial, Plant, Hand, Loblolly	32	\$3,798.00	\$0.00
16 7N 9E	5	109	Site Preparation, Chemical, Broadcast, Machine, Woody	32	\$4,747.50	\$0.00
16 7N 9E	5	109	Harvest, Mechanical, Final, Machine, Loblolly	32	\$2,373.75	\$0.00
16 7N 9E	5	154	Site Preparation, Chemical, Broadcast, Machine, Woody	3	\$519.00	\$0.00
16 7N 9E	5	154	Regeneration, Artificial, Plant, Hand, Loblolly	3	\$415.20	\$0.00
16 7N 9E	5	154	Harvest, Mechanical, Final, Machine, Loblolly	3	\$259.50	\$0.00
16 7N 9E	5	157	Regeneration, Artificial, Plant, Hand, Loblolly	28	\$3,408.00	\$0.00
16 7N 9E	5	157	Site Preparation, Chemical, Broadcast, Machine, Woody	28	\$4,260.00	\$0.00
16 7N 9E	5	157	Harvest, Mechanical, Final, Machine, Loblolly	28	\$2,100.00	\$32,900.00
<b>Yearly Totals</b>				<b>215</b>	<b>\$24,737.55</b>	<b>\$32,900.00</b>
<b>2012</b>						
16 7N 9E	6	131	Harvest, Mechanical, Final, Machine, Loblolly	3	\$106.75	\$2,363.75

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
16 7N 9E	6	134	Harvest, Mechanical, Final, Machine, Loblolly	2	\$70.00	\$1,550.00
16 7N 9E	6	140	Harvest, Mechanical, Final, Machine, Loblolly	10	\$337.75	\$7,478.75
16 7N 9E	6	161	Harvest, Mechanical, Final, Machine, Loblolly	29	\$1,028.30	\$22,769.50
<b>Yearly Totals</b>				<b>44</b>	<b>\$1,542.80</b>	<b>\$34,162.00</b>

## 2013

16 7N 9E	6	131	Site Preparation, Chemical, Broadcast, Machine, Woody	3	\$457.50	\$0.00
16 7N 9E	6	131	Regeneration, Artificial, Plant, Hand, Loblolly	3	\$366.00	\$0.00
16 7N 9E	6	134	Regeneration, Artificial, Plant, Hand, Loblolly	2	\$278.40	\$0.00
16 7N 9E	6	134	Site Preparation, Chemical, Broadcast, Machine, Woody	2	\$348.00	\$0.00
16 7N 9E	6	140	Regeneration, Artificial, Plant, Hand, Loblolly	10	\$1,158.00	\$0.00
16 7N 9E	6	140	Site Preparation, Chemical, Broadcast, Machine, Woody	10	\$1,447.50	\$0.00
16 7N 9E	6	161	Site Preparation, Chemical, Broadcast, Machine, Woody	29	\$4,407.00	\$0.00
16 7N 9E	6	161	Regeneration, Artificial, Plant, Hand, Loblolly	29	\$3,525.60	\$0.00
<b>Yearly Totals</b>				<b>89</b>	<b>\$11,988.00</b>	<b>\$0.00</b>

## 2015

16 7N 9E	1	7	Harvest, Mechanical, Thin, Machine, Loblolly	2	\$61.25	\$1,185.28
16 7N 9E	1	13	Harvest, Mechanical, Thin, Machine, Loblolly	2	\$84.35	\$1,632.29
16 7N 9E	1	14	Harvest, Mechanical, Thin, Machine, Loblolly	2	\$75.95	\$1,469.74
16 7N 9E	1	16	Harvest, Mechanical, Thin, Machine, Loblolly	7	\$250.25	\$4,842.70
16 7N 9E	1	22	Harvest, Mechanical, Thin, Machine, Loblolly	6	\$204.40	\$3,955.43
16 7N 9E	1	23	Harvest, Mechanical, Thin, Machine, Loblolly	1	\$48.30	\$934.67
16 7N 9E	1	24	Harvest, Mechanical, Thin, Machine, Loblolly	11	\$395.15	\$7,646.72
16 7N 9E	1	26	Harvest, Mechanical, Thin, Machine, Loblolly	10	\$362.60	\$7,016.83

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
16 7N 9E	1	29	Harvest, Mechanical, Thin, Machine, Loblolly	1	\$51.45	\$995.63
16 7N 9E	1	39	Harvest, Mechanical, Thin, Machine, Loblolly	7	\$236.60	\$4,578.55
16 7N 9E	1	115	Harvest, Mechanical, Thin, Machine, Loblolly	6	\$222.60	\$4,307.63
16 7N 9E	1	158	Harvest, Mechanical, Thin, Machine, Loblolly	79	\$2,765.00	\$53,506.70

**Yearly Totals**

136      \$4,757.90      \$92,072.16

**2016**

16 7N 9E	1	7	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	2	\$210.00	\$0.00
16 7N 9E	1	13	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	2	\$289.20	\$0.00
16 7N 9E	1	14	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	2	\$260.40	\$0.00
16 7N 9E	1	16	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	7	\$858.00	\$0.00
16 7N 9E	1	22	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	6	\$700.80	\$0.00
16 7N 9E	1	23	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	1	\$207.00	\$0.00
16 7N 9E	1	24	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	11	\$1,693.50	\$0.00
16 7N 9E	1	26	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	10	\$1,243.20	\$0.00
16 7N 9E	1	29	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	1	\$220.50	\$0.00
16 7N 9E	1	39	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	7	\$811.20	\$0.00
16 7N 9E	1	115	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	6	\$954.00	\$0.00
16 7N 9E	1	158	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	79	\$9,480.00	\$0.00
16 7N 9E	7	1	Harvest, Mechanical, Final, Machine, Misc Pine	52	\$1,820.00	\$99,907.60
16 7N 9E	7	35	Harvest, Mechanical, Final, Machine, Misc Pine	9	\$315.00	\$8,635.95
16 7N 9E	7	37	Harvest, Mechanical, Final, Machine, Misc Pine	5	\$162.75	\$8,934.05
16 7N 9E	8	159	Harvest, Mechanical, Thin, Machine, Loblolly	102	\$3,570.00	\$38,250.00

**Yearly Totals**

304      \$22,795.55      \$155,727.60

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
<b>2017</b>						
16 7N 9E	7	1	Regeneration, Artificial, Plant, Hand, Loblolly	52	\$6,211.20	\$0.00
16 7N 9E	7	1	Site Preparation, Chemical, Broadcast, Machine, Woody	52	\$7,764.00	\$0.00
16 7N 9E	7	35	Site Preparation, Chemical, Broadcast, Machine, Woody	9	\$1,350.00	\$0.00
16 7N 9E	7	35	Regeneration, Artificial, Plant, Hand, Loblolly	9	\$1,080.00	\$0.00
16 7N 9E	7	37	Regeneration, Artificial, Plant, Hand, Loblolly	5	\$558.00	\$0.00
16 7N 9E	7	37	Site Preparation, Chemical, Broadcast, Machine, Woody	5	\$697.50	\$0.00
16 7N 9E	8	159	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	102	\$12,240.00	\$0.00
Yearly Totals				233	\$29,900.70	\$0.00
<b>2018</b>						
16 7N 9E	2	20	Harvest, Mechanical, Thin, Machine, Misc Pine	9	\$318.15	\$3,660.54
16 7N 9E	2	21	Harvest, Mechanical, Thin, Machine, Misc Pine	21	\$735.00	\$8,456.70
16 7N 9E	2	25	Harvest, Mechanical, Thin, Machine, Misc Pine	3	\$102.55	\$1,179.91
16 7N 9E	2	41	Harvest, Mechanical, Thin, Machine, Misc Pine	1	\$36.75	\$422.84
Yearly Totals				34	\$1,192.45	\$13,719.99
<b>2019</b>						
16 7N 9E	2	20	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	9	\$1,090.80	\$0.00
16 7N 9E	2	21	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	21	\$2,476.80	\$0.00
16 7N 9E	2	25	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	3	\$351.60	\$0.00
16 7N 9E	2	41	Vegetation Control, Chemical, MRVM (Mid Rotation Vegetative Mgmt), Machine, Woc	1	\$126.00	\$0.00
Yearly Totals				34	\$4,045.20	\$0.00
<b>Grand Totals</b>				<b>1,088</b>	<b>\$100,960.15</b>	<b>\$328,581.75</b>