



Vision • Commitment • Pride

# FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:  
SOUTH PIKE

Prepared By:  
NELSON HEARN  
MFC

Time Period Covered by This Plan:  
2012 - 2021

Date Plan Prepared:  
2012-01-26

Plan Type:  
Stewardship / Stewardship

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

**Property Name: SECTION 16- 2 N - 9 E**

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

## TABLE OF CONTENTS

LANDOWNER INFORMATION .....	3
FORESTER INFORMATION .....	3
INTRODUCTION .....	3
DISCLAIMER .....	3
OBJECTIVES .....	4
PROPERTY DESCRIPTION .....	4
GENERAL PROPERTY RECOMMENDATIONS .....	5
SOIL TYPES .....	6
STRATA .....	8
OTHER PLAN ACTIVITIES .....	13
PLAN MAP .....	14
PLAN MAP .....	15
STRATA ACTIVITY SCHEDULE .....	16

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**LANDOWNER INFORMATION**

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

**FORESTER INFORMATION**

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

**PROPERTY LOCATION**

County: Pike    Total Acres: 652    Latitude: -90.3    Longitude: 31.14  
Section: 16    Township: 2N    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.

**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.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**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.

**PROPERTY DESCRIPTION**

*General Property Information*

This section consist of approximately 652 acres with 532 acres in timber and 120 acres non-forest. This section is located approximately 10 miles East of Magnolia, Ms in the Legget Community. Access to the section is available by Old Highway 24 that runs Norhwest to Southeast in the south portion of the section. Access is also available by the Bacot-Legget Road that runs North and South along the West side of the section. Rose Drive will provide access to the Northwest portion of the section as it runs East and West off the Bacot-Legget Road. The fully stocked mature timber resources were moderately damaged by Hurricane Katrina in August, 2005. The timber was salvaged and the section was accepted into the EFCRP in 2008.

*Archeological or Cultural Resources*

These areas can range from churches, old cemeteries or Indian mounds to old home sites or other areas of historical significance.

No Archeological or Cultural resources were identified during a reconnaissance of the property. However, if Archeological or Cultural resources are discovered anytime on the property special management measures will be applied immediately in order to preserve these sensititve areas.

*Water Resources*

No 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.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

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

## **GENERAL PROPERTY RECOMMENDATIONS**

*Forest Protection*

A healthy vigorously growing stand is the best defense to an attack from a variety of forest insects, plants and pathogens.

**Insects and Diseases**

Trees are subject to attack from insects and diseases. Different insects and diseases affect trees according to the age, species, and condition of the trees. Planted stands of pines and pure stands of hardwoods are particularly susceptible to attack. Since there are many different insects and diseases, no attempt will be made here to explain all of them. The property should be inspected at least annually for possible signs of insect and disease activity. Some things to look for are:

- Unseasonable leaf fall
- Discoloration of leaves or needles
- Pitch pockets on pine trees
- Heavy defoliation of hardwood leaves
- Groups of three or more dying trees within a stand

This list does not cover all instances of insect or disease attacks. If anything unusual is noticed, report it to a forester. In most cases, insect and disease problems can be controlled if discovered early.

**Fire Protection**

Your forest should be protected from wildfire at all times. The best way to protect your investment is by establishing and maintaining firebreaks around the property. Guidelines

## MISSISSIPPI FORESTRY COMMISSION FOREST STEWARDSHIP MANAGEMENT PLAN

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.

### *Ecological Restoration*

Ecological restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed. A reconnaissance of the property has been conducted and no ecological restoration activities are recommended at this time.

### *Wildlife Management General*

The goal is to provide a diversity of habitats suited for a variety of game and non-game wildlife species. Habitat management will focus on providing a variety of food, cover, water, and space. This will be accomplished, in part, by establishing and maintaining access roads and firelanes, providing openings within the forest, and leaving mast producing and den trees.

### *Timber Management*

Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production throughout the life of the stand.

## SOIL TYPES

### *Kinsey*

The Kinsey soils are found on 0-2 percent slopes. This component is on flood plains. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 15 inches during January, February, March, 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.

*Ruston*

The Ruston soils are found on 8-12 percent slopes. This component is on coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. Loblolly Site Index = 86. Longleaf Site Index = 69. Slash Site Index = 85.

*Collins*

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

*Ora*

The Ora soils are found on 2-8 percent slopes. This component is on uplands. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer, fragipan, is 18 to 42 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 30 inches during February, March, April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. Loblolly Site Index = 83.

*Falaya*

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

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

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

## **STRATA**

### *Strata 1*

#### Strata Description

Strata 1 stands 2, 6, and 16 consist of 81 acres of 26 year old once thinned Loblolly Pine plantations in 2010 and sprayed for invasive species in the Fall of 2011. The strata will be thinned at least two more times prior to the final harvest at age 35 to 40.

#### Strata Recommendations

Strata 1 with 81 acres was thinned in 2010 , sprayed for invasives in 2011 and will have a second thin in 2017. The strata wil have a third thin prior to the final harvest. After the harvest cut the strata will be sprayed for site prep prior to replanting with containerized Loblolly Pine. The expected Site Index at age 50 is 90.

#### Activity Recommendations

##### Harvest

All of Strata 1 that includes 81 acres of once thinned Loblolly Pine plantations will have a second thin in 2017 to remove the diseased, crooked, forked, and poorly spaced trees. The target basal area is 75 to 80.

##### Invasive Species Control

Strata 1 with 81 acres of Loblolly Pine plantations that was first thinned in 2010 was sprayed with a skidder applied application of herbicides in the fall of 2011 to control invasive species in the understory that includes Privet, Chinese Tallow Tree, and climbing ferns.

### *Strata 2*

#### Strata Description

Strata 2 stands 31, 59, 60, and 61 consist of 20 acres of 22 year old Loblolly Pine plantations that was first thinned in 2010. The stands will be grown to 35 to 40 years old, harvest cut, site prepared, and replanted with containerized Loblolly Pine with an expected site index of 90 at age 50. This strata was sprayed for invasive species in the Fall of 2011.

#### Strata Recommendations

Strata 2 stands 31, 59, 60, and 61 with 20 acres of once thinned Loblolly Pine plantations will need a second thinning in 2017 to remove the diseased, forked, crooked, and suppressed trees with a target basal area of 70 to 80. The strata will need a third thin



**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

prior to the final harvest at age 35 to 40. The strata will be site preparation sprayed and replanted with containerized Loblolly Pine following the final harvest with an expected Site Index of 90 at age 50.

**Activity Recommendations**

**Harvest**

All of Strata 2 that includes 20 acres of once thinned Loblolly Pine plantations will have a second thin in 2018 to remove the diseased, crooked, forked, and poorly spaced trees. The target basal area is 75 to 80.

**Invasive Species Control**

Strata 1 with 20 acres of once thinned Loblolly Pine plantations in 2010 was sprayed with a skidder application of forestry herbicides to control invasive species that include privet, Tallow Tree, and climbing ferns.

*Strata 3*

**Strata Description**

Strata 3 stand 64 consist of 50 acres of 11 year old hand planted Loblolly Pine plantations that was aerial site prepared prior to tree planting on this harvest cut stand of upland pine sawtimber.

**Stand Recommendations**

Strata 3 with 50 acres of 11 year old Loblolly will be managed as a Loblolly Pine plantation and will be grown to a 30 to 35 year rotation. The strata will be thinned three times prior to the final harvest at age 35 to 40. The first thin will be in 2018 at age 17 followed by invasive species control in 2019.

**Activity Recommendations**

**Harvest**

Strata 3 with 50 acres of Loblolly Pine plantations will have a first thin in 2018.

**Invasive Species Control**

Strata 3 with 50 acres of Loblolly Pine plantations that is planned for a first thin in 2018 will be sprayed with a skidder applied application of herbicides in the fall of 2019 to control invasive species in the understory that includes Privet, Chinese Tallow Tree, and climbing ferns.

*Strata 4*

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

Stand Description

Strata 4 stands 10, 47, and 53 consist of 97 acres of Loblolly Pine plantations that was machine planted in 2006 on 6 x 10 spacing. The following year in 2007 the plantation was band sprayed for herbaceous weed control. The expected Site Index is 90 at age 50.

Strata Recommendations

Strata 4 with 97 acres of 6 year old Loblolly Pine plantations will be maintained in its current condition until 2021. A first thin will be considered in 2021.

Activity Recommendations

Harvest

Strata 4 with 97 acres of machine planted Loblolly Pine in 2007 will be evaluated in 2021 for a first thinning .

*Strata 5*

Strata Description

Strata 5 stands 5, 12, 19, 20, 21, 22, 23, 26, 37, 39, and 65 consist of 74 acres of Loblolly Pine plantations that was machine planted in 2008 on 6 x 10 spacing at 726 trees per acre. The expected Site Index is 90 at age 50.

Strata Recommendations

Strata 5 with 74 acres of 4 year old Loblolly Pine plantations will be thinned 2 to three times before the final harvest at age 35 to 40. The strata will be updated in 2021 to consider a possible first thin in the next 5 years.

Activity Recommendations

Technical

Strata 5 with 74 acres of 4 year old Loblolly Pine plantations will be evaluated in 2021 for a possible first thin within the next 3 to 5 years.

*Strata 6*

Stand Description

Strata 6 stands 43 and 44 consist of 46 acres of understocked pine sawtimber in the EFCRP that was approved by FSA to cut the stand for seedtrees for natural regeneration. The strata was cut in October and November , 2011.

Stand Recommendations

Strata 6 consist of a 46 acre seedtree cut in the Fall of 2011 that will need an aerial application of forestry herbicides in the Fall of 2012 for invasive species control.

Activity Recommendations

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

Harvest

Strata 6 stands 43 and 44 with 46 acres of pine sawtimber will have a seedtree cut in the fall of 2011.

Invasive Species Control

Strata 6 consist of a 46 acre seedtree cut that will need an aerial application of forestry herbicides in the Fall of 2012 to control invasive species that include privet, Tallow Tree, and climbing ferns.

Technical

Strata 6 with a 46 acre seed tree stand will need to be evaluated in 2021 for the removal of the overstory seedtrees.

*Strata 7*

Strata Description

Strata 7 stands 8, 9, 27, 28, 29, 41, 45, 46, 49, 56, and 69 consist of 61 acres of 32 year old understocked mixed pine sawtimber in EFCRP that will be maintained until 2018.

Strata Recommendations

Strata 7 with 61 acres of mixed pine sawtimber will be harvest cut in 2018, aerial site prepared and replanted with containerized Loblolly Pine. The expected Site Index is 90 at age 50. The new strata pine plantation will be thinned at least two to three times prior to the final harvest at age 35 to 40.

Activity Recommendations

Technical

All of strata 7 with 61 acres of pine sawtimber will need to be cruised in 2018.

Harvest

All of strata 7 with 61 acres will have a final harvest cut in 2019.

Site Preparation

Strata 7 consist of 61 acres of one year old cutover mixed pine and hardwood that will be site prepared by aerial spraying prior to tree planting with containerized Loblolly Pine. The combination rate of herbicides and water to be applied will be determined by a forestry herbicide specialist prescription . The spraying will be completed by October 15, 2019.

Regeneration

Strata 7 with 61 acres will be hand planted with containerized Loblolly Pine on 8 x 10 spacing at 545 trees per acre after the site preparation is completed. Planting dates

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

will be November 1, 2019 thru February 15, 2020. The expected Site Index at age 50 is 90.

*Strata 8*

Strata Description

Strata 8 stands 3, 24, and 36 consist of 56 acres of 32 year old mixed pine sawtimber in the EFCRP until 2018.

Strata Recommendations

All of strata 8 with 56 acres of mixed pine sawtimber will be select cut in 2018.

Activity Recommendations

Harvest

All of strata 8 with 56 acres of mixed pine sawtimber will be thinned in 2018. It will be a lump-sale. MFC personnel will select the trees for removal by marking.

*Strata 9*

Strata Description

Strata 9 stands 34 and 38 consist of 15 acres of young hardwood pulpwood mainly along the edge of fields.

Strata Recommendations

Strata 9 with 15 acres of young hardwood pulpwood will be maintained in its current condition until 2018.

Activity Recommendations

Technical

Strata 9 with 15 acres of hardwood pulpwood will be maintained in its current condition until 2018 and evaluated as to future silvicultural recommendations.

*Strata 10*

Strata Description

Strata 10 stands 7, 62, and 67 consist of 32 acres of 49 year old hardwood pulpwood and low grade sawtimber in an SMZ.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

Strata Recommendations

Strata 10 with 32 acres of hardwoods will be maintained in its current condition as an SMZ.

Activity Recommendations

Technical

Strata 10 with 32 acres will be maintained in its current condition as an SMZ.

**OTHER PLAN ACTIVITIES**

*Boundary Lines*

Line Description

The exterior property lines are painted orange.

Line Recommendations

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

Activity Recommendations

Property Activities

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

Repaint 4 miles with orange paint in 2011.

Property Activities

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

Repaint 4 miles with orange paint in 2016.

Property Activities

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

Repaint 4 miles with orange paint in 2021.



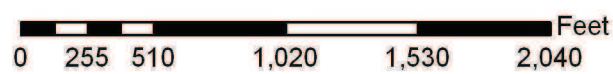


# SOUTH PIKE SCHOOL DISTRICT

SECTION 16, T 2 N, R 9 E, PIKE CO., MS  
2012 to 2021  
652 ACRES



(01/11/2012)





# 16-2N-9E, MAP LEGEND



## Property



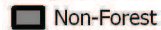
## Category 1: Stands



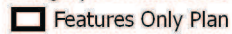
## Category 2: Stands



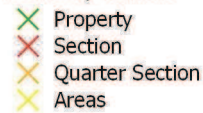
## Category 3: Non-Forest Stands



## Category 5: Features Only Plan Stand



## Boundary Corners



## Structures



## Structures (cont)



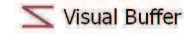
## Property Roads/Trails



## Boundary Lines



## Boundary Lines (cont)



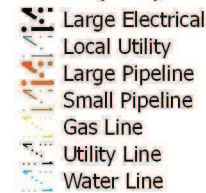
## Management Compartment



## Transportation (Lines)



## Utilities (Lines)



Stand Activity Schedule for  
SOUTH PIKE  
16 2N 9E

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
<b>2012</b>					
1	2	Invasive Species Control, Chemical, Broadcast, Machine, Privet	26	\$2,081.60	\$0.00
1	6	Invasive Species Control, Chemical, Broadcast, Machine, Privet	4	\$284.00	\$0.00
1	16	Invasive Species Control, Chemical, Broadcast, Machine, Privet	51	\$4,111.20	\$0.00
2	31	Invasive Species Control, Chemical, Broadcast, Machine, Cogan Grass	3	\$261.60	\$0.00
2	59	Invasive Species Control, Chemical, Broadcast, Machine, Cogan Grass	5	\$378.40	\$0.00
2	60	Invasive Species Control, Chemical, Broadcast, Machine, Cogan Grass	2	\$177.60	\$0.00
2	61	Invasive Species Control, Chemical, Broadcast, Machine, Cogan Grass	10	\$798.40	\$0.00
Yearly Totals			101	\$8,092.80	\$0.00
<b>2013</b>					
6	43	Invasive Species Control, Chemical, Broadcast, Aerial, Cogan Grass	38	\$3,201.95	\$0.00
6	44	Invasive Species Control, Chemical, Broadcast, Aerial, Cogan Grass	9	\$722.50	\$0.00
Yearly Totals			46	\$3,924.45	\$0.00
<b>2017</b>					
1	2	Harvest, Mechanical, 2nd Thin, Machine, Loblolly	26	\$468.36	\$4,015.41
1	6	Harvest, Mechanical, 2nd Thin, Machine, Loblolly	4	\$72.00	\$617.28
1	16	Harvest, Mechanical, 2nd Thin, Machine, Loblolly	51	\$925.02	\$7,930.50
2	31	Harvest, Mechanical, 2nd Thin, Machine, Loblolly	3	\$65.40	\$1,814.98
2	59	Harvest, Mechanical, 2nd Thin, Machine, Loblolly	5	\$94.60	\$2,625.34
2	60	Harvest, Mechanical, 2nd Thin, Machine, Loblolly	2	\$44.40	\$1,232.19
2	61	Harvest, Mechanical, 2nd Thin, Machine, Loblolly	10	\$200.00	\$5,550.40



Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
			Yearly Totals	102	\$1,869.78	\$23,786.10
<b>2018</b>						
3	64	Harvest, Mechanical, 1st Thin, Machine, Loblolly	50	\$1,250.00	\$17,361.00	
7	8	Technical, Maintain, Re-Cruise, Hand, Inventory	1	\$5.70	\$0.00	
7	9	Technical, Maintain, Re-Cruise, Hand, Inventory	1	\$4.15	\$0.00	
7	27	Technical, Maintain, Re-Cruise, Hand, Inventory	2	\$8.45	\$0.00	
7	28	Technical, Maintain, Update, Hand, Management Plan	30	\$150.00	\$0.00	
7	29	Technical, Maintain, Re-Cruise, Hand, Inventory	3	\$14.10	\$0.00	
7	41	Technical, Maintain, Re-Cruise, Hand, Inventory	1	\$2.85	\$0.00	
7	45	Technical, Maintain, Re-Cruise, Hand, Inventory	2	\$10.50	\$0.00	
7	46	Technical, Maintain, Re-Cruise, Hand, Inventory	3	\$15.00	\$0.00	
7	49	Technical, Maintain, Re-Cruise, Hand, Inventory	6	\$31.15	\$0.00	
7	56	Technical, Maintain, Re-Cruise, Hand, Inventory	5	\$24.10	\$0.00	
7	69	Technical, Maintain, Update, Hand, Management Plan	1	\$5.00	\$0.00	
8	3	Harvest, Mechanical, Thin, Machine, Loblolly	7	\$164.75	\$2,648.39	
8	24	Harvest, Mechanical, Thin, Machine, Loblolly	14	\$362.00	\$5,819.22	
8	36	Harvest, Mechanical, Thin, Machine, Loblolly	35	\$882.75	\$14,190.38	
			Yearly Totals	161	\$2,930.50	\$40,018.99
<b>2019</b>						
3	64	Invasive Species Control, Chemical, Broadcast, Machine, Privet	50	\$4,000.00	\$0.00	
7	8	Harvest, Mechanical, Final, Machine, Loblolly	1	\$45.60	\$570.57	
7	9	Harvest, Mechanical, Final, Machine, Loblolly	1	\$33.20	\$415.42	
7	27	Harvest, Mechanical, Final, Machine, Loblolly	2	\$80.00	\$1,001.00	

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
7	28	Harvest, Mechanical, Final, Machine, Loblolly	30	\$1,191.20	\$14,904.89
7	29	Harvest, Mechanical, Final, Machine, Loblolly	3	\$112.80	\$1,411.41
7	41	Harvest, Mechanical, Final, Machine, Loblolly	1	\$22.80	\$285.29
7	45	Harvest, Mechanical, Final, Machine, Loblolly	2	\$84.00	\$1,051.05
7	46	Harvest, Mechanical, Final, Machine, Loblolly	10	\$382.40	\$4,784.78
7	49	Harvest, Mechanical, Final, Machine, Loblolly	6	\$249.20	\$3,118.12
7	56	Harvest, Mechanical, Final, Machine, Loblolly	5	\$192.80	\$2,412.41
7	69	Harvest, Mechanical, Final, Machine, Loblolly	1	\$43.20	\$540.54

Yearly Totals			111	\$6,437.20	\$30,495.47
---------------	--	--	-----	------------	-------------

## 2020

7	8	Regeneration, Artificial, Plant, Hand, Loblolly	1	\$153.90	\$0.00
7	8	Site Preparation, Chemical, Broadcast, Aerial, Combination	1	\$102.60	\$0.00
7	9	Regeneration, Artificial, Plant, Hand, Loblolly	1	\$112.05	\$0.00
7	9	Site Preparation, Chemical, Broadcast, Aerial, Combination	1	\$74.70	\$0.00
7	27	Regeneration, Artificial, Plant, Hand, Loblolly	2	\$270.00	\$0.00
7	27	Site Preparation, Chemical, Broadcast, Aerial, Combination	2	\$180.00	\$0.00
7	28	Site Preparation, Chemical, Broadcast, Aerial, Combination	30	\$2,680.20	\$0.00
7	28	Regeneration, Artificial, Plant, Hand, Loblolly	30	\$4,020.30	\$0.00
7	29	Site Preparation, Chemical, Broadcast, Aerial, Combination	3	\$253.80	\$0.00
7	29	Regeneration, Artificial, Plant, Hand, Loblolly	3	\$380.70	\$0.00
7	41	Regeneration, Artificial, Plant, Hand, Loblolly	1	\$76.95	\$0.00
7	41	Site Preparation, Chemical, Broadcast, Aerial, Combination	1	\$51.30	\$0.00
7	45	Site Preparation, Chemical, Broadcast, Aerial, Combination	2	\$189.00	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
7	45	Regeneration, Artificial, Plant, Hand, Loblolly	2	\$283.50	\$0.00
7	46	Regeneration, Artificial, Plant, Hand, Loblolly	10	\$1,290.60	\$0.00
7	46	Site Preparation, Chemical, Broadcast, Aerial, Combination	10	\$860.40	\$0.00
7	49	Site Preparation, Chemical, Broadcast, Aerial, Combination	6	\$560.70	\$0.00
7	49	Regeneration, Artificial, Plant, Hand, Loblolly	6	\$841.05	\$0.00
7	56	Regeneration, Artificial, Plant, Hand, Loblolly	5	\$650.70	\$0.00
7	56	Site Preparation, Chemical, Broadcast, Aerial, Combination	5	\$433.80	\$0.00
7	69	Regeneration, Artificial, Plant, Hand, Loblolly	1	\$145.80	\$0.00
7	69	Site Preparation, Chemical, Broadcast, Aerial, Combination	1	\$97.20	\$0.00

			<b>Yearly Totals</b>	<b>122</b>	<b>\$13,709.25</b>	<b>\$0.00</b>
--	--	--	----------------------	------------	--------------------	---------------

## 2021

4	10	Technical, Maintain, Update, Hand, Management Plan	3	\$15.00	\$0.00
4	47	Technical, Maintain, Update, Hand, Management Plan	4	\$18.80	\$0.00
4	53	Technical, Maintain, Update, Hand, Management Plan	90	\$450.00	\$0.00
5	5	Technical, Maintain, Update, Hand, Management Plan	2	\$11.35	\$0.00
5	12	Technical, Maintain, Update, Hand, Management Plan	1	\$2.60	\$0.00
5	19	Technical, Maintain, Update, Hand, Management Plan	1	\$3.50	\$0.00
5	20	Technical, Maintain, Update, Hand, Management Plan	2	\$11.35	\$0.00
5	21	Technical, Maintain, Update, Hand, Management Plan	7	\$35.00	\$0.00
5	22	Technical, Maintain, Update, Hand, Management Plan	2	\$11.80	\$0.00
5	23	Technical, Maintain, Update, Hand, Management Plan	6	\$28.10	\$0.00
5	26	Technical, Maintain, Update, Hand, Management Plan	23	\$116.70	\$0.00
5	37	Technical, Maintain, Update, Hand, Management Plan	1	\$6.10	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
5	39	Technical, Maintain, Update, Hand, Management Plan	3	\$17.35	\$0.00	
5	65	Technical, Maintain, Update, Hand, Management Plan	25	\$126.00	\$0.00	
6	43	Technical, Maintain, Update, Hand, Management Plan	38	\$113.01	\$0.00	
6	44	Technical, Maintain, Update, Hand, Management Plan	9	\$25.50	\$0.00	
9	34	Technical, Maintain, Update, Hand, Management Plan	12	\$48.00	\$0.00	
9	38	Technical, Maintain, Update, Hand, Management Plan	3	\$10.40	\$0.00	
10	7	Technical, Maintain, Update, Hand, Management Plan	27	\$135.00	\$0.00	
10	62	Technical, Maintain, Update, Hand, Management Plan	5	\$25.10	\$0.00	
10	67	Technical, Maintain, Update, Hand, Management Plan	1	\$5.00	\$0.00	
			<b>Yearly Totals</b>	<b>265</b>	<b>\$1,215.66</b>	<b>\$0.00</b>
			<b>Grand Totals</b>	<b>907</b>	<b>\$38,179.64</b>	<b>\$94,300.56</b>