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# FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Claiborne County Schools

Prepared By:
Tommy Walker

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-02-16

Plan Type:
Stewardship / Stewardship

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

**Property Name: Section 4-T14N-R5E**

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

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## LANDOWNER INFORMATION

| | | |
|---|---|---|
| Name: | Claiborne County Schools | |
| Mailing Address: | P.O. Box 337 | |
| City, State, Zip: | Port Gibson, MS 39150 | |
| Country: | United States of America | |
| Contact Numbers: | Home Number: | 601-437-4352 |
| | Office Number: | |
| | Fax Number: | |
| E-mail Address: | | |
| Social Security Number (optional): | | |

## FORESTER INFORMATION

| | | |
|---|---|---|
| Name: | Tommy Walker , Forester II | |
| Forester Number: | 01473 | |
| Street Address: | P.O. Box 77 | |
| City, State, Zip: | Vicksburg, MS 39181 | |
| Contact Numbers: | Office Number: | 601-638-1227 |
| | Fax Number: | |
| E-mail Address: | | |

## PROPERTY LOCATION

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| County: | Claiborne | Total Acres: | 385 | Latitude: | -90.73 | Longitude: | 32.17 |
| Section: | 4 | Township: | 14N | Range: | 5E | | |

## DISCLAIMER

This plan is intended to be flexible. It may be modified to meet changes in economic conditions, management goals, or other circumstances. The figures in this plan are only estimates. They can and will change. Therefore, any plans or budgets that use these figures should be tempered with that thought.

## INTRODUCTION

This Forest Stewardship Management Plan will serve as a guide for accomplishing the goals and objectives for your property. In addition to addressing your specific goals and objectives, this plan includes recommendations for maintaining soil and water quality and protecting your forest from insects, disease, and wildfire. Recommendations are based on observation and assessment of the site.

## OBJECTIVES

*Timber Production*

The goal is to produce high quality sawtimber. This will be accomplished through reforestation and timber stand improvement practices such as herbicide applications, prescribed burning, thinning at specified intervals, and other silvicultural practices.

Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

*Wildlife Management - General*
The goal is to provide a diversity of habitats suitable for a variety of game and non-game wildlife species. Habitat management will focus on developing a variety of food, cover, water, and space. This will be accomplished by establishing and maintaining access roads and firelanes, providing openings within the forest, and the management of trees located within Streamside Management Zones.

## PROPERTY DESCRIPTION

*General Property Information*
This section is located approximately 1.5 miles northeast of Reganton in the northeast part of the county. It is commonly known as the Hinds County Line section. This section contains approximately 385 acres of land of which, 360 acres is forest land. The 25 acres of nonforest land consists of primarily ponds, access roads, and food plots. Approximately 10 acres of the forested acreage is considered inoperable. The primary access road is a private gravel road, behind a locked gate.
The terrain on this section is gently rolling to very steep. The timber types range from Loblolly Pine Plantations to Bluff Hardwood. It is part of the loess bluff hills. Therefore, the soils are highly productive and highly erodible.

*Water Resources*
This section has several perennial streams (including McKee Creek), intermittent streams, and drains running throughout the property. All water resources 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: Memphis, Natchez, and Riedtown silt loams are the primary soils on this property located in the Loess Bluff Hills. These soils are very productive sites for both hardwood and Loblolly Pine. The Cherrybark Oak site index is over 90' and the Loblolly Pine site index is near 105'. The primary tree species for this tract is Loblolly Pine.

*Archeological and Cultural Resources*
These areas can range from churches, old cemeteries, natural springs, Indian mounds to home sites or other areas of historical significance. No areas of historical significance were found on this tract.

## 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 all tree planting areas.

Boundary Lines

The Mississippi Forestry Commission has been maintaining the property boundaries on this section on a routine basis for many years. The property boundaries will be painted orange on a 6 year rotation, beginning in 2012.

*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*

This tract is in a rural part of the county. Therefore, aesthetics should not be a high priority.

*Ecological Restoration*

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

*Wildlife Mgt. Target Species*

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

*Environmental Education*

Environmental educational goals can be to provide educational opportunities for children and adults through the development of items such as nature trails with tree identification markers, wildlife viewing areas, picnic areas, parking, public restroom facilities. There are no current plans to develop any of these items on this section.

*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 streamside management zones.

This section currently has 59 acres of streamside management zones which provide good travel corridors for wildlife. Also, wildlife is considered when determining the size and placement of regeneration harvests. Timber loading areas often make good areas for wildlife food plots. There are approximately 2 acres of wildlife food plots currently being maintained by the leaseholder. Approximately 8 acres of ponds exist on this tract.

*Timber Management*
Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production on a sustained yield basis.

*Recreation*
The primary recreational use of this property is to generate income through a hunting lease.

## SOIL TYPES

*Memphis*
The Memphis component makes up 62 percent of the map unit. Slopes are 12 to 40 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. The Natchez component makes up 22 percent of the map unit. Slopes are 12 to 30 percent. This component is on hillslopes. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

*Memphis*
The Memphis component makes up 85 percent of the map unit. Slopes are 8 to 17 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. Loblolly Site Index = 105.

*Riedtown*
The Riedtown component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 30 inches during January, February, March, November, 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.

## STRATA

*Strata 1*

Strata Description

Strata 1 is comprised of Stand 21. It contains a total of 51 acres of 21 year old pine pulpwood and chip-n-saw, which has not been thinned. It was established by clearcutting, site prep, and planting Loblolly Pine. It is well stocked. The terrain is very steep.

Strata Recommendations

The long term goal for this strata is to begin periodic thinning and burning, and continue periodic thinning (every 5-7 years) and burning (every 3-5 years) until the strata is mature which should be around age 35-40.

Activity Recommendations

In 2012, Strata 1 and Strata 2, Stands 1, 2, 8, and 24 will be thinned for a total of 222 acres. This harvest will be a first thinning of pine and scattered hardwood in Strata 1, and a second thinning in Strata 2. The first thinning should be a row/select thinning. If rows can not be identified, then 15-20' wide corridors should be cut every 50-60' for access. The area between the corridors can be selectively harvested. The second thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. At least 75 square feet of basal area should be left after the harvest.

In 2014, Strata 1 and Strata 2, Stands 1, 2, 8, and 24 will be control burned to reduce hazardous fuels. The total burn area will be 222 acres.

In 2017, Strata 1 and Strata 2, Stands 1, 2, and 8 will be control burned to reduce hazardous fuels. The total burn area will be 215 acres.

In 2018, Strata 1 and Strata 2, Stand 1 will be thinned for a total of 113 acres. This harvest will be a second thinning of pine and scattered hardwood in Strata 1, and a third thinning in Strata 2. The thinning in both stratas will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. At least 75 square feet of basal area should be left after the harvest.

In 2020, Strata 1 and Strata 2, Stand 1 will be control burned to reduce hazardous fuels. The total burn area will be 113 acres.

*Strata 2*

Strata Description

Strata 2 is comprised of Stands 1, 2, 8, 16, 17, and 24. It contains a total of 175 acres of 24 year old pine chip-n-saw and pulpwood with scattered hardwood pulpwood. This strata has been thinned once and burned twice. It ranges from understocked to well stocked. The terrain is gently rolling to steep.

Strata Recommendations

The long term goal for this strata is to continue periodic thinning (every 5-7 years) and burning (every 3-5 years) until the strata is mature which should be around age 35-40. This strata will be near maturity at the end of this plan. Therefore, some of these stands will be clearcut and regenerated with Loblolly Pine during the life of this plan.

Activity Recommendations

In 2012, Strata 1 and Strata 2, Stands 1, 2, 8, and 24 will be thinned for a total of 222 acres. This harvest will be a first thinning of pine and scattered hardwood in Strata 1, and a second thinning in Strata 2. The first thinning should be a row/select thinning. If rows can not be identified, then 15-20' wide corridors should be cut every 50-60' for access. The area between the corridors can be selectively harvested. The second thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. At least 75 square feet of basal area should be left after the harvest.

In 2014, Strata 1 and Strata 2, Stands 1, 2, 8, and 24 will be control burned to reduce hazardous fuels. The total burn area will be 222 acres.

In 2016, Strata 2, Stand 24 and Strata 3, Stand 4 will be clearcut and regenerated. Also, Strata 2, Stands 16 and 17, Strata 3, Stand 20, and Strata 4, Stands 18, 25, and 26 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 41 acres, and the total thinning acreage will be 81 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2017, Strata 1 and Strata 2, Stands 1, 2, and 8 will be control burned to reduce hazardous fuels. The total burn area will be 215 acres.

In 2018, Strata 1 and Strata 2, Stand 1 will be thinned for a total of 113 acres. This harvest will be a second thinning of pine and scattered hardwood in Strata 1, and a third thinning in Strata 2. The thinning in both stratas will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. At least 75 square feet of basal area should be left after the harvest.

In 2018, Strata 2, Stand 24 and Strata 3, Stand 4 will be chemically site prepared, burned and handplanted with geneticly improved Loblolly Pine at a rate of 622 trees per acre

(7'x10' spacing). The total planting area is 41 acres. The target date for planting is the winter of 2017-2018. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

In 2020, Strata 1 and Strata 2, Stand 1 will be control burned to reduce hazardous fuels. The total burn area will be 113 acres.

In 2020, Strata 2, Stand 8 will be clearcut for a total of 44 acres. Also, Strata 2, Stand 2 (58 acres) will be thinned as part of this sale. The thinning will be a third thinning on this stand. Therefore, it will be a crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. At least 75 square feet of basal area should be left after the harvest.

*Strata 3*

Strata Description

Strata 3 is comprised of Stands 4 and 20. It contains a total of 75 acres of bluff hardwood and scattered pine sawtimber. Much of the timber is near maturity. The species composition is good and the volume per acre is good. The terrain is gently rolling to steep.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate it over the next 15-20 years.

Activity Recommendations

In 2016, Strata 2, Stand 24 and Strata 3, Stand 4 will be clearcut and regenerated. Also, Strata 2, Stands 16 and 17, Strata 3, Stand 20, and Strata 4, Stands 18, 25, and 26 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 41 acres, and the total thinning acreage will be 81 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2018, Strata 2, Stand 24 and Strata 3, Stand 4 will be chemically site prepared, burned and handplanted with geneticly improved Loblolly Pine at a rate of 622 trees per acre (7'x10' spacing). The total planting area is 41 acres. The target date for planting is the winter of 2017-2018. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

*Strata 4*

Strata Description

Strata 4 is comprised of Stands 6, 15, 18, 22, 25, and 26. It contains a total of 59 acres of bluff hardwood sawtimber. Much of the timber is near maturity. The species composition is good and the volume per acre is good. This strata is currently being used as streamside management zones. The terrain is flat along the primary streams to steep along some of the minor gullies.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate all of this strata that is not needed as a Streamside Management Zone as adjacent stands are harvested over the next 15 years. The areas that are being maintained as SMZs can be thinned as adjacent stands are harvested.

Activity Recommendations

In 2016, Strata 2, Stand 24 and Strata 3, Stand 4 will be clearcut and regenerated. Also, Strata 2, Stands 16 and 17, Strata 3, Stand 20, and Strata 4, Stands 18, 25, and 26 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 41 acres, and the total thinning acreage will be 81 acres. At least 50 % crown cover should be left in all streamside management zones.

## OTHER PLAN ACTIVITIES

*Boundary Lines*

Line Description

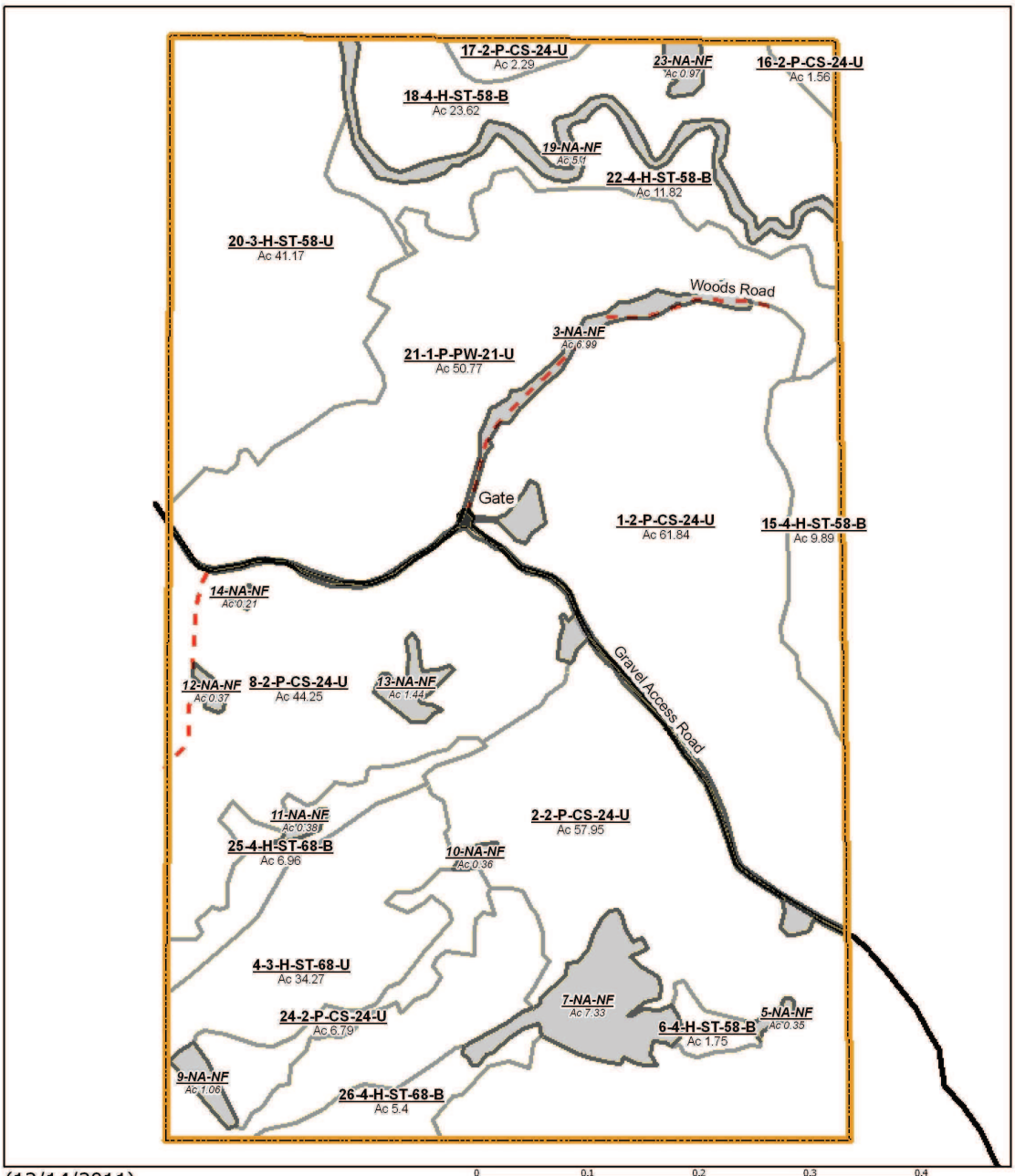
This section has 3.2 miles of boundary lines and around 1.5 miles of woods roads to maintain.

Line Recommendations

The property boundaries will be painted on a 6 year rotation beginning in 2012. The woods roads will be maintained as firebreaks on an "As Needed" basis.

# STAND MAP - FY2012

Claiborne County Schools
Section 4, T14N, R5E, Claiborne County, Ms.
384.88 Acres




(12/14/2011)

Prepared by: Tommy Walker

# LEGEND for Section 4, T12N, R5E, Claiborne County, Ms.

Property
- Property

Category 1: Stands
- Clear Cut
- Non-Stocked
- Reproduction
- Sub-Merchantable
- Pulpwood
- Chip-n-Saw
- Sawtimber
- Poles

Category 3: Non-Forest Stands
- Non-Forest

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

# Stand Activity Summary for
# CLAIBORNE COUNTY SCHOOLS
# 4 14N 5E

**Filters Applied:**
County: Claiborne
Client Class: School Trust Land
District: Capital District
Client: CLAIBORNE COUNTY S
STR: 4 14N 5E
Activity:
Year: 2012 Through 2021

| STR | Strata | Stand | Activity | Acre | Est. Cost | Est. Revenue |
|---|---|---|---|---|---|---|
| **2012** | | | | | | |
| 4 14N 5E | 1 | 21 | Harvest, Mechanical, Thin, Machine, Loblolly | 51 | $1,530.00 | $15,300.00 |
| 4 14N 5E | 2 | 1 | Harvest, Mechanical, Thin, Machine, Loblolly | 62 | $1,860.00 | $15,810.00 |
| 4 14N 5E | 2 | 2 | Harvest, Mechanical, Thin, Machine, Loblolly | 58 | $1,740.00 | $15,950.00 |
| 4 14N 5E | 2 | 8 | Harvest, Mechanical, Thin, Machine, Loblolly | 44 | $1,320.00 | $12,100.00 |
| 4 14N 5E | 2 | 24 | Harvest, Mechanical, Thin, Machine, Loblolly | 7 | $210.00 | $1,925.00 |
| | | | Yearly Totals | 222 | $6,660.00 | $61,085.00 |
| **2014** | | | | | | |
| 4 14N 5E | 1 | 21 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 51 | $1,275.00 | $0.00 |
| 4 14N 5E | 2 | 1 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 62 | $1,550.00 | $0.00 |
| 4 14N 5E | 2 | 2 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 58 | $1,448.75 | $0.00 |
| 4 14N 5E | 2 | 8 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 44 | $1,106.25 | $0.00 |
| 4 14N 5E | 2 | 24 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 7 | $175.00 | $0.00 |
| | | | Yearly Totals | 222 | $5,555.00 | $0.00 |
| **2016** | | | | | | |
| 4 14N 5E | 2 | 16 | Harvest, Mechanical, Thin, Machine, Loblolly | 2 | $70.00 | $528.00 |
| 4 14N 5E | 2 | 17 | Harvest, Mechanical, Thin, Machine, Loblolly | 2 | $70.00 | $528.00 |
| 4 14N 5E | 2 | 24 | Harvest, Mechanical, Final, Machine, Loblolly | 7 | $245.00 | $5,810.00 |
| 4 14N 5E | 3 | 4 | Harvest, Mechanical, Final, Machine, Misc Hardwood | 34 | $1,190.00 | $75,820.00 |

| STR | Strata | Stand | Activity | Acre | Est. Cost | Est. Revenue |
|---|---|---|---|---|---|---|
| 4 14N 5E | 3 | 20 | Harvest, Mechanical, Thin, Machine, Misc Hardwood | 41 | $1,435.00 | $24,969.00 |
| 4 14N 5E | 4 | 18 | Harvest, Mechanical, Thin, Machine, Misc Hardwood | 24 | $840.00 | $14,616.00 |
| 4 14N 5E | 4 | 25 | Harvest, Mechanical, Thin, Machine, Misc Hardwood | 7 | $245.00 | $7,350.00 |
| 4 14N 5E | 4 | 26 | Harvest, Mechanical, Thin, Machine, Misc Hardwood | 5 | $175.00 | $5,250.00 |
| | | | Yearly Totals | 122 | $4,270.00 | $134,871.00 |
| **2017** | | | | | | |
| 4 14N 5E | 1 | 21 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 51 | $1,275.00 | $0.00 |
| 4 14N 5E | 2 | 1 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 62 | $1,550.00 | $0.00 |
| 4 14N 5E | 2 | 2 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 58 | $1,450.00 | $0.00 |
| 4 14N 5E | 2 | 8 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 44 | $1,100.00 | $0.00 |
| | | | Yearly Totals | 215 | $5,375.00 | $0.00 |
| **2018** | | | | | | |
| 4 14N 5E | 1 | 21 | Harvest, Mechanical, Thin, Machine, Loblolly | 51 | $1,785.00 | $16,830.00 |
| 4 14N 5E | 2 | 1 | Harvest, Mechanical, Thin, Machine, Loblolly | 62 | $2,170.00 | $47,430.00 |
| 4 14N 5E | 2 | 24 | Site Preparation, Chemical, Broadcast, Aerial, Combination | 7 | $840.00 | $0.00 |
| 4 14N 5E | 2 | 24 | Regeneration, Artificial, Plant, Hand, Loblolly | 7 | $595.00 | $0.00 |
| 4 14N 5E | 2 | 24 | Site Preparation, Other, Burn, Hand, Cut-Over | 7 | $175.00 | $0.00 |
| 4 14N 5E | 3 | 4 | Regeneration, Artificial, Plant, Hand, Loblolly | 34 | $2,890.00 | $0.00 |
| 4 14N 5E | 3 | 4 | Site Preparation, Other, Burn, Hand, Cut-Over | 34 | $850.00 | $0.00 |
| 4 14N 5E | 3 | 4 | Site Preparation, Chemical, Broadcast, Aerial, Combination | 34 | $4,080.00 | $0.00 |
| | | | Yearly Totals | 236 | $13,385.00 | $64,260.00 |
| **2020** | | | | | | |
| 4 14N 5E | 1 | 21 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 51 | $1,275.00 | $0.00 |
| 4 14N 5E | 2 | 1 | Fire Protection, Other, Burn, Hand, Fuel Reduction | 62 | $1,550.00 | $0.00 |

| STR | Strata | Stand | Activity | Acre | Est. Cost | Est. Revenue |
|---|---|---|---|---|---|---|
| 4 14N 5E | 2 | 2 | Harvest, Mechanical, Thin, Machine, Loblolly | 58 | $2,030.00 | $33,176.00 |
| 4 14N 5E | 2 | 8 | Harvest, Mechanical, Final, Machine, Loblolly | 44 | $1,540.00 | $46,156.00 |
| | | | Yearly Totals | 215 | $6,395.00 | $79,332.00 |
| | | | **Grand Totals** | **1,232** | **$41,640.00** | **$339,548.00** |