

Forest Management Plan for Ruth Parrott & C Jackson ETAL C/O Angela Parrott Bishop Farm

Location: Hester Rd, NC Highway 56, NC Highway 96

Owner: Ruth Parrott & C Jackson ETAL

Parcel #'s: 1827-12-1593 (183.47 ac Hester road and 56 tract), 1827-14-2212 (28.89 ac NC 96 access tract)

Date: January 12th 2025

Management Plan Goals and Objectives

This plan has been developed to help guide the Parrott Family Farm in the productive growth of timber on the acres of timberland on their property that has not had its final timber harvesting. The recommendations and prescriptions set in this plan will result in healthy productive timber that will provide income in the future, while promoting good wildlife habitat. This plan can be changed as the goals of the landowner, or as forest conditions may change (eg insects, disease, forest fire, storm damage).

Please note that Parcel # 1827-12-1593 is separated into two management stands. Parcel 1827-14-2212 is in one management stand.

Stand Description and Recommendation

There are three management stands within this tract. See stand map attached at end of document: Stand A, B and C

Stand A 50+/- Acres (Hester Rd tract) Parcel 1827-12-1593

Description and Management: This stand is approximately 7 years old and is made up primarily of planted loblolly pines. These trees are average size for their age with diameters ranging from 2-4 inches and heights of 15-20 feet. The competition growing within this stand is made up of Sweet Gum, Poplar, and Red Maple in the understory of the growing pines. This stand is growing as expected from previous harvest and planting. Stand shows no sign of disease or insect infestation.

-This tract should undergo a first thinning in approximately 10-12 years (2034-2036). Stand should be assessed at that time. If a first thinning is deemed necessary at that time, it is best to thin to a target basal area of 70-85 should allow the stand to release and continue growth of the crop trees. 2040-2042 perform second thinning. 2050-2055 clear cut.

- After clear cut this stand should be site prepped with herbicide application the following fall after clear cut, and replanted the following winter in loblolly pines at approximately 10'x10' spacing.

Soils and Site index:

-Soils in this stand are Creedmoor Coarse sandy loam 2-10% slopes. Gentle rolling hills and few drains into large creek.

-Site index for this stand is a site index of 80

Stand B 90 +/- acres (NC Highway 56 Tract) Parcel 1827-12-1593

Description and Management: This stand is approximately 23-25 years old and is made up primarily of planted loblolly pines with scattered hardwood in the midstory containing red maple, sweet gum, yellow poplar and white oak. This tract was first thinned in 2018-2019. These trees are average size for their age with diameters ranging from 10-13 inches and heights of 55-65 feet. The basal area for this stand is approximately 70-75. The trees show no signs of insect or disease. Trees show great potential for continued sawtimber growth.

-This tract should undergo a second thinning in approximately 2-4 years (2026-2028). Stand should be thinned to a basal area of 50-60, to release the best of the crop trees and allow them to reach their full sawtimber potential. After the second thinning the timber should be left to grow for the next 10-15 years (2036-2041) to reach full potential of crop.

- After clear cut this stand should be site prepped with herbicide application the following fall after clear cut, and replanted the following winter in loblolly pines at approximately 10'x10' spacing.

Soils and Site index

Soils in this stand are Creedmoor coarse sandy loam 2-10% slopes, Nason gravelly loam 2-6% slope, Cecil sandy loam 2-6% slopes, applying sandy loam 6-10% slopes and Chewalco and wehadkee soils 0-2 % slopes in the stream areas, pinkston loamy sand 10-20% slope.

Site index for this stand is an average site index of 80,

Stand C 24 +/- acres (96 access tract) Parcel 1827-14-2212

Description and Management: This stand is approximately 30-35 years old and is made up of primarily loblolly pine, yellow poplar and sweet gum. This stand was second thinned in 2018. These trees are average size for their age with diameters ranging from 14"-18". The hardwood in the stand is of similar average diameter range. The average basal area is approximately 60-65. The trees show no sign of insect or disease. Trees are of high sawtimber quality and show great potential for final clear cut harvest.

-This tract should be clear cut in approximately 2-4 years. The timber is reaching its maturity and ideal size for sawmill usage.

-After clear cut this stand should be site prepped with herbicide application the following fall after clear cut, and replanted the following winter in loblolly pines at approximately 10'x10' spacing.

Soils in this stand are : Appling sandy loam 6-10 % slopes, Cecil sandy loam 2-6% slopes, Cecil clay loam 2-6 % slope, Chewalca and wehadkee soils 0-2 % slope, creedmoor coarse sandy loam 2-10% slope, Mayodan sandy loam 2-6% slope.

Site index for this stand is an average site index of 80.

Management Stand Maps

Stand A (green hatched areas 50+/- ac) and B (red hatched areas 90 +/- ac) Map Parcel 1827-12-1593



Stand C Map (24 +/- acres) Parcel 1827-14-2212



