

Stand #	1	2	3	4	5	6	7	8	9	10
Acres	565.48	290.5	75	41.02	31.99	63.37	41.83	125.25	15.87	9.53
Stand Description	Young bottomland hardwood	Young hardwood+cypress mix	Recent cutover woods	Planted pine +/- 20 yrs old	Planted pine +/- 30 years old	Mature pine+oak thinning	Mature gum+cypress swamp	variation ear	thinned lob + LL underplanting	longleaf plantation
Age (years)	15	15	0	20-22	30-35	60+	150+	15	22	1.5
Thinned?	no	no	n/a	no	yes-twice	yes	no	no	yes	n/a
Avg. DBH	4"	3"	n/a	8"	12.5"	15"	18"	5"	10"	n/a
Avg. Height Dom & Co Dom	26 feet	22 feet	n/a	53 feet	76 feet	93 feet	105 feet	29 feet	61 feet	1 foot
TPA	2,750	3,900	n/a	675	150	60	125	3,500	90	300 LL; 500 natural lob
BA	n/a	n/a	n/a	160 sq ft per acre	70 sq ft/acre	35 sq ft/acre	100 sq ft/acre	n/a	60 sq ft/acre	n/a
Slope %	0%	0%	0-1%	0-1%	1-3%	0%	0%	0%	0%	0-5%
Stand Condition	Healthy	Healthy, but stagnant growth due to beaver ponding	Stand clearcut January-march 2025. Herbaceous and hardwood vegetation sprouting back now.	Overstocked	Healthy	Average-flooding causing tree mortality	OK-trees dying due to old age and flooding	healthy	Average-flooding causing tree mortality	Healthy but needs fire
Insect/Disease?	none	none	none	fusiform rust noted in 25% of pines	none	scattered IPS beetle damage	green ash killed by emerald ash borer	none	scattered IPS beetle damage	none
Species present	Blackgum, cottonwood, red maple, water oak, willow oak, swamp chestnut oak	Blackgum, baldcypress, cottonwood, black willow, river birch	Sweetgum, red maple, blackgum, southern red oak, willow oak sprouts coming up.	Loblolly pine	Loblolly pine. Hardwood mix in understory	Loblolly pine, white oak, swamp chestnut oak, baldcypress, blackgum, sweetgum, yellow-poplar, water oak, willow oak	Baldcypress, blackgum	oak, willow oak, baldcypress, blackgum	Loblolly pine, longleaf pine planted in understory	longleaf pine, loblolly pine, sweetgum, red maple, yellow-poplar
Dominant soil series	Chastain silt loam	Chastain silt loam	Altavista & Tarboro	tarboro loamy sand	craven fine sandy loam	roanoke loam	Chastain silt loam	stain silt loam	tarboro loamy sand	craven fine sandy loam
Timber stand origin	Natural-was clearcut & left alone from 2008-2010	Natural-was clearcut & left alone from 2008-2010	n/a	Planted+natural regeneration	planted	Natural	natural	al regenerate	planted	planted
Recommendations	Allow stand to grow another 50 years then clearcut harvest.	Allow stand to grow another 50 years then clearcut harvest.	Site prep spray and plant MCP containerized loblolly pine on 8x10 (545 tpa) spacing. Plant baldcypress on edge of sloughs. Wait 17 years then clearcut.	Wait 3-4 years then clearcut and reforest with loblolly pine.	Clearcut when ground and market conditions are favorable.	Allow stand to continue growing as is for 25 yrs. Longleaf has been planted in understory. Keep burning longleaf until it gets established for next 10 yrs. Thin longleaf and remaining overstory out @ age 25, then clearcut @ age 40.	allow stand to grow as is to serve as important buffer on major sloughs within and surrounding tract.	l conservation easement. Monitor for potential insect or natural	Allow stand to continue growing as is for 25 yrs. Longleaf has been planted in understory. Keep burning longleaf until it gets established for next 10 yrs. Thin longleaf and remaining overstory out @ age 25, then clearcut @ age 40.	Keep burned every 2-3 years or PCT all other species except longleaf. Allow stand to grow to age 25 then conduct 1st thinning. Keep burning & let stand grow to age 40 then clearcut and repeat process.
Proj. yr of final harvest	2075	2075	2042	2029	2025-2027	2063	n/a	n/a	2063	2063
Type of harvest	Clearcut/shovel logging	clearcut/shovel logging	Clearcut	Clearcut	Clearcut	clearcut	n/a	n/a	clearcut	clearcut
Type of regeneration post-harvest	natural	natural + plant cypress	SP spray & plant loblolly pine	SP spray & plant loblolly pine	SP spray & plant loblolly pine	SP spray and plant mix of loblolly pine, longleaf and baldcypress.	n/a	n/a	SP spray and plant mix of loblolly pine, longleaf and baldcypress.	SP spray & plant longleaf
TSI needed?	no	no	none	no	no	Yes-burning	n/a	n/a	Yes-burning	burning yes
any reforestation needed?	no	no	yes	no	no	no	n/a	n/a	no	no
Notes	Slightly "higher" ground with a larger oak component but mostly blackgum across the stand	Heavier ponded areas/have more cypress than stand #1	Small hummocks of pine clearcut and mature hardwood/pine mix cut winter 2025.	Remaining stands of planted pine	none	LL pine was underplanted after understory herbicide application in 12/2023 and 12/2024 spot planting. Longleaf survival TPA is about 250 tpa.	Oldest timber on tract	"rim" or "buffer" of baldcypress along devil's gut and	LL pine was underplanted after understory herbicide application in 12/2023 and 12/2024 spot planting. Longleaf survival TPA is about 250 tpa.	planted 12/2023
Color on map	white	blue	red	orange	khaki	cyan blue	yellow	gold	green	light pink