

Stand #	1	2	3	4	5	6	7	8
Acres	445	105	72	224	143	29	32	22
Stand Description	Young bottomland hw	Young bottomland hw	Young bottomland hw	Mostly dead standing timber/sloughs	Small ridges with over-mature mixed hardwoods and loblolly pine	Young loblolly pine + AWC plantation	Loblolly pine plantation planted in old fields	young loblolly pine plantation
Age (years)	15	10	19	50+ years	80+ years	3 years	11	8
Thinned?	no	no	no	no	no	no	yes	yes
Avg. DBH	4.25"	3.5"	5.5"	19"	23"	1.25"	9.25"	5.25"
Avg. Height Dom & Co Dom	35 ft	21 ft	41 ft	96 feet	102 feet	6 feet	52 feet	30 feet
TPA	3,785	4,000	2,000	100	120	400	275	375
BA	30 sq ft per acre	10 sq ft per acre	50 sq ft per acre	90 sq ft per acre	100 sq ft per acre	n/a	80 sq ft per acre	70 sq ft per acre
Slope %	0%	0%	0%	0%	0-1%	0-1%	0-1%	0-2%
Stand Condition	Healthy	healthy	healthy	mostly dead trees	Overmature	young	healthy	healthy
Insect/Disease?	emerald ash borer has killed all green ash	emerald ash borer has killed all green ash	emerald ash borer has killed all green ash	emerald ash borer has killed all the ash. Beaver flooding has killed most of everything else.	none	none	none	none
Species present	Baldcypress, blackgum, water oak, willow oak, red maple, sweetgum, black willow, river birch	Baldcypress, blackgum, water oak, willow oak, red maple, sweetgum, black willow, river birch	Baldcypress, blackgum, water oak, willow oak, red maple, sweetgum, black willow, river birch	Alive: river birch, black willow, scattered baldcypress, blackgum	Water oak, cherrybark oak, willow oak, swamp chestnut oak, blackgum, sweetgum, red maple, loblolly pine	Planted loblolly pine, atlantic whitecedar, cherrybark oak, water oak, willow oak, baldcypress.	loblolly pine	loblolly pine
Dominant soil series	chastain silt loam	chastain silt loam	chastain silt loam	chastain silt loam	wickham sandy loam	chastain silt loam	altavista fine sandy loam	altavista fine sandy loam
Timber stand origin	natural	natural	natural	natural	natural	planted	planted	planted
Recommendations	allow stand to grow to age 70-80 years then clearcut	allow stand to grow to age 70-80 years then clearcut	allow stand to grow to age 70-80 years then clearcut	Salvage log as much of this stand as possible and reforest with baldcypress	Approximately 100 acres of this stand has been clearcut harvested in spring 2025. A few small pockets of this stand will be left to serve as buffers around some of the sloughs that cut through the tract. The cutover woods need to be reforested.	allow stand to grow to age 25 then clearcut & reforest; repeat process.	allow stand to grow another 5-6 years, then conduct 2nd thinning reducing basal area to 60 sq ft per acre. Allow stand to get to age 25 then CC and reforest.	allow stand to grow another 5-6 years, then conduct 2nd thinning reducing basal area to 60 sq ft per acre. Allow stand to get to age 25 then CC and reforest.
Proj. yr of final harvest	2080	2085	2075	2025-2030	2025	2050	2039	2042
Type of harvest	Clearcut shovel log	Clearcut shovel log	Clearcut shovel log	Salvage log	Clearcut	clearcut	clearcut	clearcut
Type of regeneration post-harvest	plant baldcypress + natural regen	plant baldcypress + natural regen	plant baldcypress + natural regen	SP spray + plant baldcypress	SP spray + MCP loblolly pine	SP spray + plant MCP loblolly pine + baldcypress and hw mix	SP spray + plant MCP loblolly pine	SP spray + plant MCP loblolly pine
TSI needed?	no	no	no	no	no	no	yes-burning next year	yes-burning next year
any reforestation needed?	no	no	no	no	yes	no	none	none
Notes	These three stands were all harvested around the same time in the span of a bottomland hardwood block's lifetime. They will be managed the same, as they are all very similar in species composition, age and size class. Numerous openings/ponds will hold water periodically through the year depending on the roanoke river water level. Very open understory for the most part with a lot of stems per acre, 70% of it being blackgum.			About 40 acres of this stand have been salvage logged/clearcut in spring 2025.	75% of stand has been clearcut; remainder will be left alone for now.	monitor flooding throughout lifespan of young plantation	Thinned spring 2025 every 4th row removed. growing well, just need to keep understory vegetation maintained.	Thinned spring 2025, every 5th row removed with light picking.
Color on map	blue	gold	white	red	lime	light green	orange	cyan blue