

Woodland Stewardship Management Plan

Owner	William (Bill) and Lynda Martin		
Address	2517 Pleasant Hill Rd.		
	Athens, OH 45701		
Phone	740.593.3750	Case Number	05-1887
Cell	-	Email Address	-
County	Athens	Township/Village/City:	Alexander Twp.
Parcel(s):	B010010070900, B010010071100		
Location:	Property located on Chase Road, Alexander Twp. Property located 1,000 feet West of the intersection of Chase and Lowery Rd.		
Woodland Stewardship Acreage:	53.01	Non-woodland Stewardship Acreage*:	-
Total Property Acres (According to GIS):	57.28	* Non-woodland acres for which stewardship recommendations are made.	
Total Property Acres (according to auditor site)	53.63		
This plan was written to qualify the landowner's woodland for the programs checked below:			
<input type="checkbox"/> Ohio Forest Tax Law		<input type="checkbox"/> American Tree Farm Program	
<input checked="" type="checkbox"/> Environmental Quality Incentives Program (EQIP)		<input checked="" type="checkbox"/> CAUV	

Property coordinates (report in WGS 84, decimal degrees.)

Longitude: -82.680

Latitude: 39.609

Landowner Objectives

1. Improve and maintain timber productivity in the forest, through active forest management
2. Improve and maintain quality wildlife habitat for game and non-game wildlife species
3. Improve forest health – removing non-native species and promoting native plants

General Woodland Description

Bill Martin has owned the property for several decades, which was a working cattle operation until the past decade, when cows were moved out and the land left to revert to forest cover. All of the acreage was open land in the 1960s, so each stand on the property is a result of pasture reversion in the past 60 years. Because of this, the property is dominated by shade-intolerant tree species that seeded in from shade trees in the pasture, and from neighboring properties. Non-native, invasive species are abundant throughout the forested stands, and are limiting the ability for many areas to revert to a forest dominated by native trees. The property is accessed by Chase Rd., where there used to be a culvert crossing the perennial stream into the property. This access has since been removed. The forestland is located on a wide variety of soils, all of which are well-drained and suited to growing productive timber. Elevation on the property ranges from 770 to 940 feet above sea level. The property is located within the West Branch Shade River watershed.

Inventory Method: Plot Sampling



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JUL 18 2024

Jill Davidson
Athens County Auditor

Owner's Information:

Owner: William (Bill) and Lynda Martin

Farm Bill Program: EQIP

Signed: _____

Date: _____

County: Athens

Case Number: 05-1887

Contract Number: 745E34240XV Item Number: 1

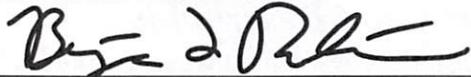
Preparer's Information:

Prepared by: Ben Robinson, CF

TSP Number: #23-24636

Expiration Date: 11/7/2026

I, as a TSP for NRCS Farm Bill Programs, certify that services provided: comply with all Federal, State, Tribal, and Local laws and requirements; meet applicable program requirements and recommended planned practices are based on NRCS conservation practice standards and specifications; are consistent with and meet the conservation program goals and objectives for which the program contract was entered into by the client; and incorporate alternatives that are both cost effective and appropriate to address the resource issues.

Signature: 

Benjamin Robinson

Date: 7/17/2024

Switchback Forestry & Ecosystem Management

7165 Beechwood Dr., Apt. E

Athens, OH 45701

(740)504-4785, SwitchbackForestry@gmail.com

NRCS Representative Signature:

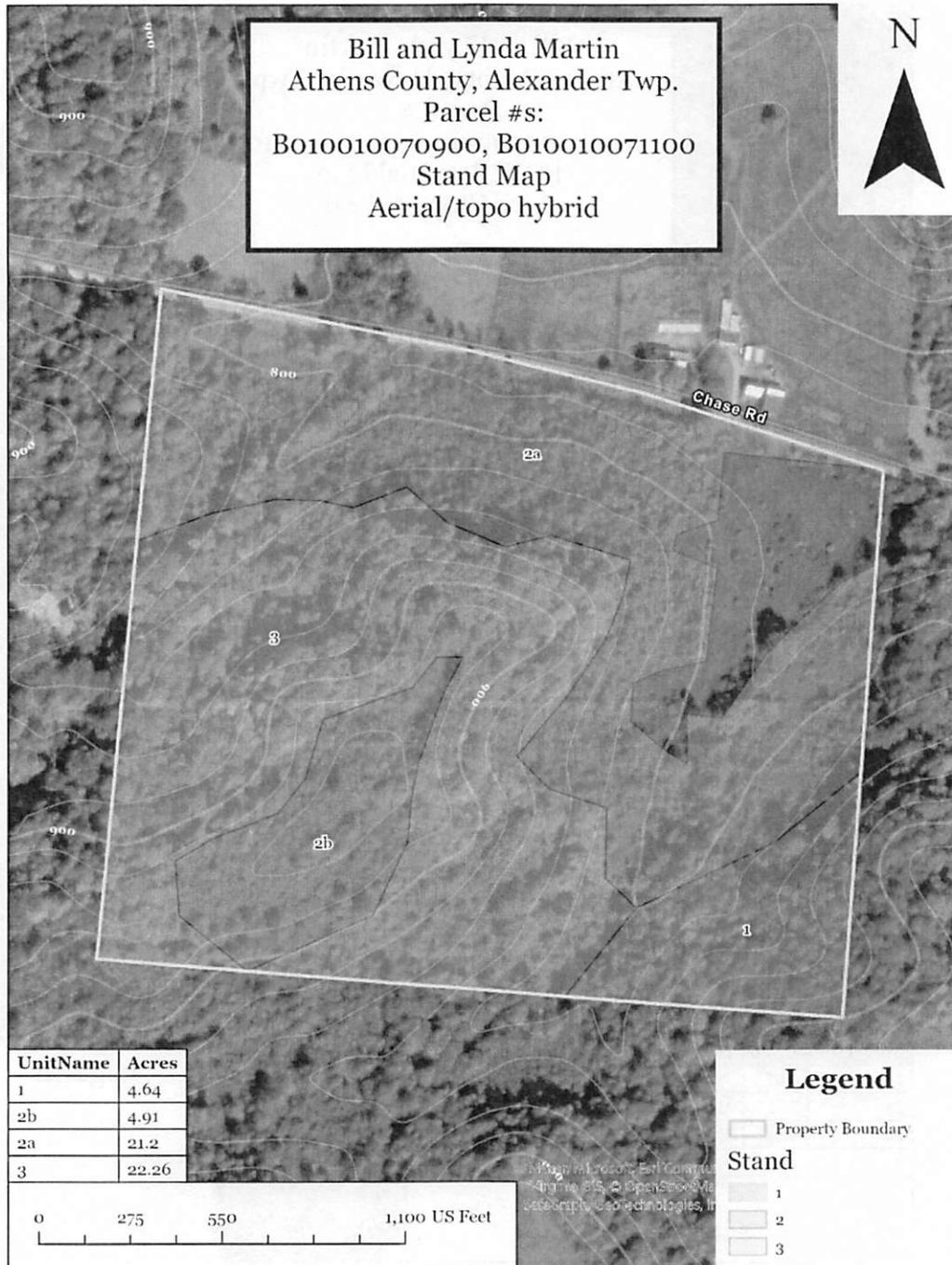
Date:

This plan is valid for the period beginning 7/17/2024 and ending 7/17/2034

Plan Status: New

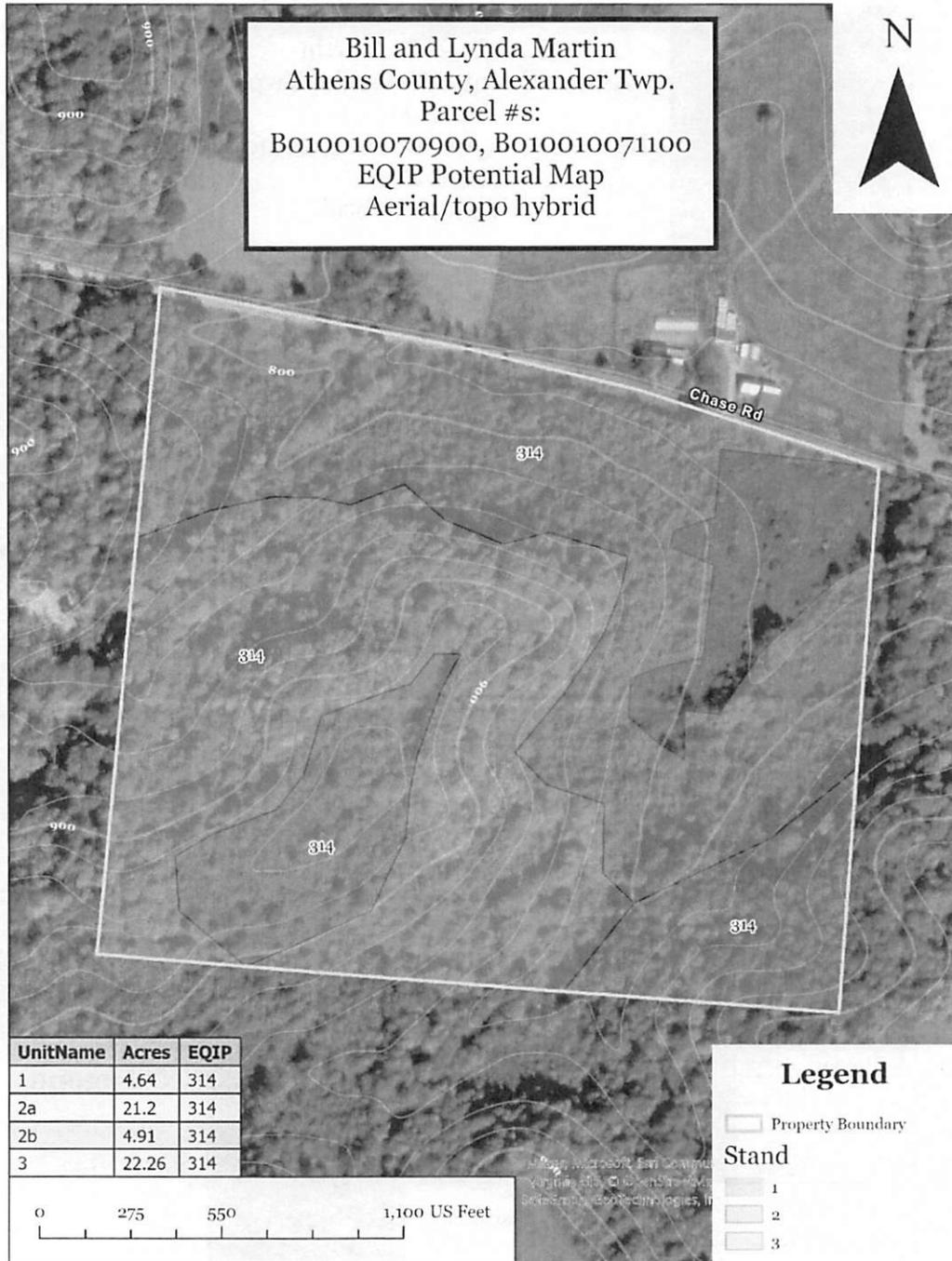
Woodland Stand Map

Landowner	Bill and Lynda Martin	Date	7/17/2024
"Prepared with assistance from USDA-Natural Resource Conservation Service" Assisted by TSP, Ben Robinson (#23-24636), Athens County, OH			
<i>Map should be used as a reference for management only – not for legal or survey purposes. Property lines are approximate.</i>			



EQIP Potential Map

Landowner	Bill and Lynda Martin	Date	7/17/2024
"Prepared with assistance from USDA-Natural Resource Conservation Service" Assisted by TSP, Ben Robinson (#23-24636), Athens County, OH			
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Management Activity Schedule					
Year(s) Suggested	Mgmt. Unit	Required Task?	Acres	Recommendations	EQIP/CSP practice code and name, if applicable
2024	All	<input checked="" type="checkbox"/>	53.0	Mark property lines with oil-based paint. Make marks so that a person can easily see from one mark to the next in the summertime.	-
2025	2a	<input type="checkbox"/>	21.2	Deaden invasive species with herbicide. Consider cut-stump and basal bark application of autumn-olive in fall/winter. Goal: 1ac per year.	314
2026-2027	2a	<input type="checkbox"/>	21.2	Re-treat area(s) treated in subsequent years with foliar application of herbicide.	314
2026	1	<input type="checkbox"/>	4.6	Deaden invasive species with herbicide. Consider cut-stump and basal bark application of autumn-olive in fall/winter. Cut grapevines growing in commercial timber species.	314
2027-2028	1	<input type="checkbox"/>	4.6	Re-treat area(s) treated in subsequent years with foliar application of herbicide.	314
2029	All	<input checked="" type="checkbox"/>	53.0	Re-mark property lines with oil-based paint. Make marks so that a person can easily see from one mark to the next in the summertime.	-
2030	3	<input type="checkbox"/>	22.3	Deaden tree of heaven with herbicide. Cut grapevines growing within commercial timber species. Goal: 4ac/year	314
2031-2032	3	<input type="checkbox"/>	22.3	Re-treat area(s) treated in subsequent years with foliar or basal bark application of herbicide.	314
2032	2b	<input type="checkbox"/>	4.9	Deaden invasive species with herbicide. Consider cut-stump and basal bark application of autumn-olive in fall/winter. Goal: 2ac per year.	314
2033-2034	2b	<input type="checkbox"/>	4.9	Re-treat area(s) treated in subsequent years with foliar application of herbicide.	314
2034	Whole Property	<input type="checkbox"/>	Next Site Visit – Woodland reviews are recommended at least once every five years, and plan updates once every ten years, based upon the date of the last woodland evaluation conducted by your forester		

Before entering a timber sale agreement, or conducting other forestry work that is not listed in your activity schedule, contact your forester first to ensure compliance with your approved woodland stewardship management plan.



Stand Description: This stand is located along the sloped portions of the old pasture. Because of this terrain, trees were growing on hillsides within the pasture while cattle were on the property. As cattle were moved out, the stand began to revert into successional forest. The stand is understocked due to invasive species pressure, as well as ash mortality (due to EAB – Emerald Ash Borer). There are two age classes present – the older age class is about 50-60 years old, and the younger age class is about 20-30 years old. The older age class mostly consists of hickory, yellow poplar, black cherry, red maple and black cherry. The younger age class consists of a mix of the same species, including tree of heaven, elm, sugar maple, black locust and osage-orange. Like stand 2, invasive species are out-competing much of the native tree regeneration and limiting its growth. Grapevines are found throughout the stand and are negatively impacting trees’ canopies and health. Tree of heaven is found throughout the stand, especially near the ridgetop. Autumn-olive, bush honeysuckle and dead ash debris are creating impenetrable areas of the stand and will make management very difficult.

Past management activities completed in this stand: N/A

<i>Management Recommendations</i>	<i>EQIP Practice Code:</i>	<i>EQIP Practice Name:</i>
Deaden invasive species with herbicide. Tree of heaven is top priority.	314	Brush management
Cut grapevines growing in the canopy of commercial timber species	314	Brush management

Is a timber harvest recommended? No

Comments: This stand is transitioning into a mid-successional forest from pasture, and invasive species are out-competing the ability for native tree saplings to create a canopy. Controlling invasive species with herbicide is the priority for this stand, in order to allow native trees to dominate the canopy and create a desirable stand. Tree of heaven is the highest priority for invasive species control in this stand in the next decade. Tree of heaven can be controlled with the basal bark treatment method, ideally in the late summer months (July-Sept). This should reduce the chance of re-sprouting following the treatment. Invasive shrubs such as bush honeysuckle and autumn-olive can be controlled with basal bark treatment, most of the year except for leaf-out. This may be most easily done in the dormant season. Grapevines should be cut from trees of commercial species (i.e. hickory, maple, oak, cherry, etc.) This will greatly improve their ability to establish a canopy and encourage a fully-stocked stand condition. See plan addendum section for more information on grapevine and invasive species control methods.

Desired Future Conditions:

Desired Forest Type or Dominant Vegetation: As Listed in Dominant Species

Desired Stand Structure: Two-aged

Descriptions of Alternatives and Preferred Alternative to meet desired future conditions: Do nothing – understory will continue to be dominated by non-native, invasive species, and will restrict forest regeneration and decrease understory herbaceous plant diversity. Grapevines will continue to steal resources from canopy trees, and can damage tree canopies especially in ice/wind events.

