

Woodland Stewardship Management Plan Addendum

Owner Daniel & Elizabeth Bentley
Address 17207 Zion Rd.
Shade, Ohio 45776
Phone 740-696-0600 Case Number _____
Cell 614-778-5592 Email Address squirevarn@gmail.com
County Athens Township/Village/City: Lodi Twp. Section 7
Parcel(s): J010010000401
Location: Small land-locked tract adjacent to other lands owned by Mr. Bentley.

Woodland Stewardship Acreage:	<u>5.095</u>	Non-woodland Stewardship Acreage*:	<u>0</u>
Total Property Acres	<u>5.095</u>	* Non-woodland acres for which stewardship recommendations are made.	

This plan was written to qualify the landowner's woodland for the programs checked below:

- Ohio Forest Tax Law American Tree Farm Program
 Environmental Quality Incentives Program (EQIP) CAUV Property Tax Reduction

Property coordinates (report in WGS 84, decimal degrees)

Latitude: 39.1993 Longitude: -81.9755

Landowner Management Objectives

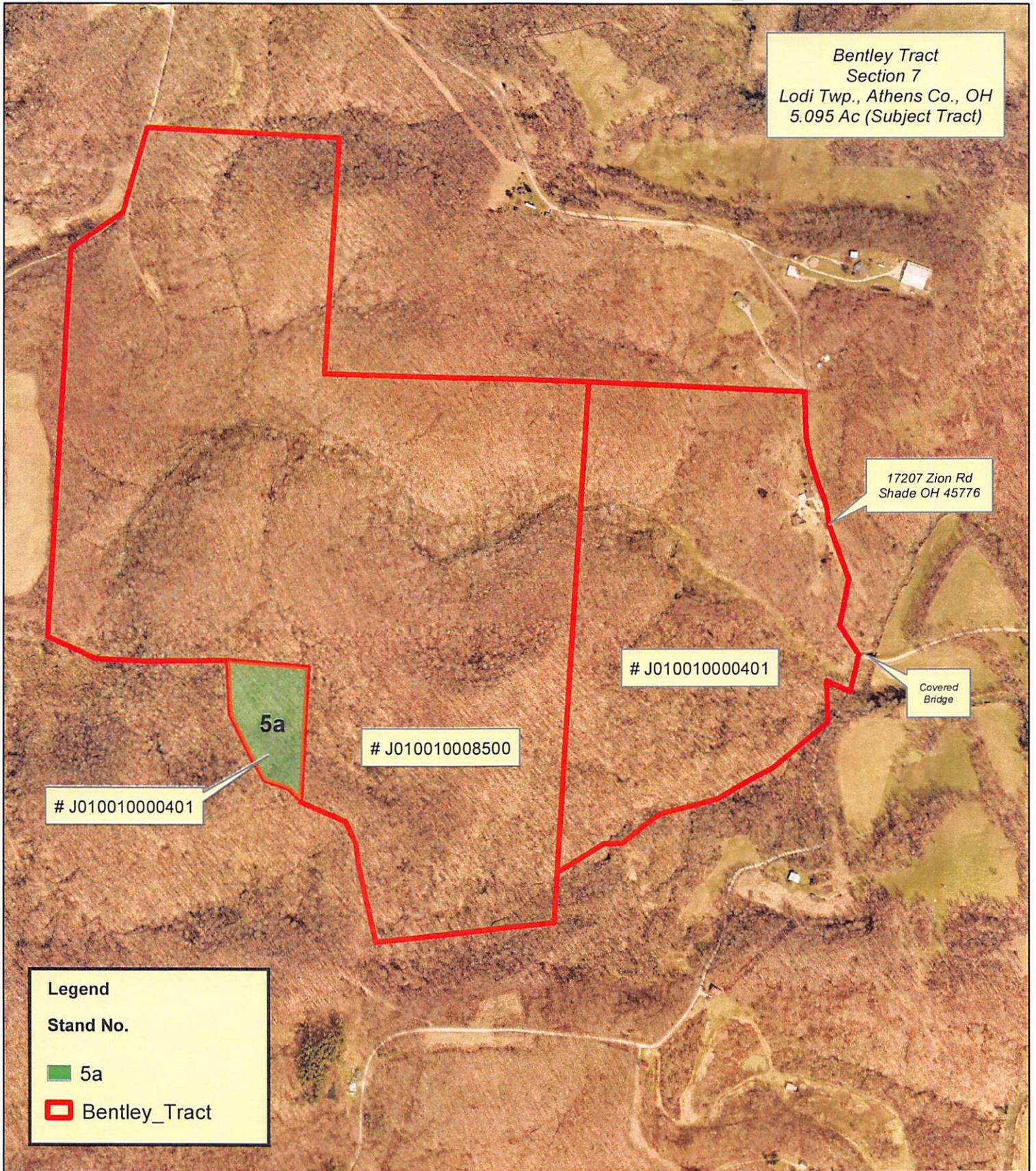
1. Manage the property for all attributes and opportunities that exist in a forest ecosystem of interest to the owner including recreation, wildlife management, soil and water management, forest protection, timber products management, and other compatible conservation uses.
2. Continue to cut grapevines, maintain trails and work on reducing impact of non-native invasive species identified in this area.

General Woodland Description

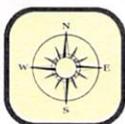
Athens County is located in the unglaciated hill country of southeastern Ohio. Slope and erosion hazard is the major land use limitations. Seasonal wetness, droughtiness, flood hazard, and the moderately slow to very slow permeability of some soils also limit land use. Athens County is in the central hardwood forest region. Most of the woodland in Athens County is in areas of steep and very steep terrain. This terrain is well suited to trees.

Like the adjacent woods (Stand 5), this small, hillside tract had been heavily harvested before it was acquired by Mr. & Mrs. Bentley in 2019. Since then, this area has been incorporated into the same management as the adjacent woods. Additional work on invasive plants (Ailanthus & Japanese Stiltgrass being the most populous) is ongoing.

Woodland Location Map



September 2023



Disclaimer: This drawing is not an actual survey,
and is for general information purposes only.

0 415 830 1,660 feet

Woodland Stand Description and Management Recommendations

Stand # 5a - 5.095 acres

Dominant Species: Yellow Poplar, Sycamore, Am. Beech, White Oak, Sugar Maple, Hickory Spp., Slippery Elm, Yellow Buckeye, Black Gum, American Basswood, Black Walnut.

Forest Type or Dominant Vegetation: Upland Central Hardwoods

Stand Diameter or Size Class: Small/Medium sawtimber

Stocking Level: Fully stocked

Stand History: Harvesting - High-grade by previous owners 30+ yrs. ago

Topography: Gently sloping side slope area

Site Index Value and Species: See Forest Productivity Reports (Tree Site Index) in plan addendum – Northern Red Oak _ DtF, WdC, WmD, WtC soils

Invasive plants or insects impacting this stand: Ailanthus in adjacent area, Japanese Stiltgrass in trails and grapevines growing in trees on the moist slope areas.

Client Objectives: Maintain this woods for future timber production and recreational use.

Stand Description: This stand covers the woods along the western edge of the ownership. Heavy spice bush understory & grapevines are an issue. The middle part of this stand contains large sawlog Poplar trees. This area has crown closure and a fully shaded, open, forest understory. Sugar Maple, Yellow Buckeye, Hickory & Beech small sawlog trees in the mid-story.

Past management activities completed in this stand: Property line located and painted.

<i>Management Recommendations:</i>	<i>EQIP Practice Code:</i>	<i>EQIP Practice Name:</i>
Treat non-native invasive species identified in the area (Ailanthus), continue cutting grapevines from “crop” trees.	314	Brush Management, Woody Invasive Plant Control
Treat Japanese Stiltgrass in trails	315	Invasive Weed Control
Paint all property lines – re-paint every 5 years or as necessary to remain easily visible to deter trespass		

Is a timber harvest recommended? Yes Not necessarily in this 10yr. management period, but at some point, in time the landowner may decide to selectively remove some of the large diameter poplar and sycamore trees, trees in decline and low-quality trees to help create canopy gaps and encourage oak regeneration.

Comments: Thin soils, rocky under the leaf litter. Nice poplar area.

Desired Future Conditions: Maintain area as a maturing mixed hardwood stand.

Desired Forest Type or Dominant Vegetation: Upland Central Hardwoods

Desired Stand Structure: Uneven Aged

Descriptions of Alternatives and Preferred Alternative to meet desired future conditions:

1. The landowner does nothing and allows this area to continue to develop naturally. Populations of ailanthus and stiltgrass in the understory will increase. Potential crop tree damage from grapevines in treetops. Area will develop with the retention of low valued trees competing with the few remaining oak trees.
2. Landowner cuts/treats with approved herbicides the non-native invasive shrubs/grasses in this area. Grapevines are cut from all "crop" trees (per USDA 314 Brush Management specifications). **Preferred Alternative**