

## ***Woodland Stewardship Management Plan***

Owner: Jeremy and Jen Bowman

Mailing: 9600 Salem Road, Athens, OH 45701

Mailing Address: 60 Columbia Ave. Athens, OH 45701

Case Number: 05-1851

EQIP Farm and Tract #: F3347. T11503

Cell: (740) 591-0020 Jeremy

Email Address: jeremymatthewbowman@gmail.com

County: Athens County, Waterloo Township, Section 4

Parcel(s): N020020013500

Location: Salem Road

Woodland Stewardship Acreage: 40.7

Non-Woodland Stewardship Acreage\*: 1.9

\*Non-woodland acres for which stewardship recommendations are made.

Total Property Acres: 42.6

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

Ohio Forest Tax Law

Environmental Quality Incentives Program (EQIP)

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

Longitude: -82.18441°

Latitude: 39.34273

# Woodland Stewardship Management Plan



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FEB 25 2025

Jill Davidson  
Athens County Auditor

## Owner's Information:

Owner: Bowman Jeremy M Jennifer R

Signed: *Jeremy M Bowman*

Date: *5-1-2019*

Case Number: 05-1851

## Preparer's Information:

Prepared by: Badger Johnson

Signature:

Date: 5/1/2019

Paradise Ecological Services  
Consulting Forestry Company  
36210 SR 681 S  
Albany, OH 45710

This plan is valid for the period beginning 5/1/2019, ending 5/1/2029.

Plan Status: New

Inventory Method: Plot Sampling and On Site Property Review

# Woodland Map



### Landowner Objectives

1. Preserve and increase the scenic beauty and accessibility of the woodland for hiking.
2. Grow food in Stand 3 (lower field), and by tapping sugar maple trees for syrup (Stand 1).
3. Improve coverage of native grasses, forbs and oak trees to improve game species habitat by targeting invasive plant species for elimination with mechanical removal, chemical treatment and prescribed fire in Stands 1 and 2.
4. Small group openings (1/4 acre to an acre) and burning in Stand 2 around tree stand locations, to create shooting lanes, release crop trees while providing lumber for building a cabin, and for inoculating edible mushroom (oyster and shitake) logs. The log landing can be the build site for the cabin. This would be a timber stand improvement.

### ***General Woodland Description:***

The property has three management units, two forest stands and a 1.9 acre field in the floodplain. Most of the forest is on an exposed aspect of 20-25% slope. Stand 1 is a smaller acreage (5.5 acre) woodland that was recently a pasture. It has senescing shingle oak in the overstory, the odd white pine and virginia pine, some red maple in the overstory (such as it is) and some viburnum and hawthorn in the midstory. Estimated basal area is 32 ft<sup>2</sup>, very obviously understocked, but has more than 300 stems per acre and therefore still qualifies for OFTL. Stand 1 has multiflora rose and English privet shrubs throughout at a moderate to severe level, as well as moderate coverage of Japanese honeysuckle vine, mostly on the ground but also covering some tree saplings. There is also a light infestation of some kind of barberry shrub. Stand 2 is an older stand that reverted from pasture approximately 60 years ago. Stand 2 has more shagbark hickory and white oak as well as red maples, sugar maple and cherry in the overstory. Estimated basal area for Stand 2 is 92 ft<sup>2</sup> and appears to be fully stocked. Stand 3 is just the lower field, 1.91 acre of frequently flooded pasture that is beginning to be invaded with multiflora rose. So far Stand 3 is the only place where any management has occurred, through light tillage of a small (<.25 acre) of garden bed, as well the planting of a handful of butternuts and black walnuts at the border of Stand 3 and Stand 1.

## Management Activity Schedule

Years Suggested	Mgmt. Unit	Required Task?	Acres	Recommendations
2019, 2020, 2021, 2022	Stand 1	Yes	5.5	Brush Management (Code 314) mechanical removal by basal cutting of privet using a brush cutter, as well as triclopyr Remedy herbicide in a backpack sprayer to control barberry, English privet and multiflora rose (basal spray)- except for privet, which will receive a cut stump application.
2019, 2020, 2021, 2022	Stand 1, 2	No	40.7	Forest Stand Improvement (Code 666) will remove midstory maple for mushroom logs and firewood, in the process release oak seed trees & help oak regen become competitive.
2022	Stand 1	No	5.5	Tree/Shrub Establishment (Code 612) replace dead shingle oak with white oak, red maple and sugar maple saplings- white oak on drier microsites.
2020, 2023, 2026	Stand 1, 2	No	40.7	Prescribed Burning (Code 338) as site prep for tree planting by reducing Japanese honeysuckle and invasive shrubs.
2020	All	Yes	35.2	Mark boundaries every 50 feet with purple paint and property boundary signs.
2022	Stand 2	No	1.75	Forest Trails and Landings (Code 655) will be put in place to the new home site. Before the access road is finished with geo-textile and gravel, it will serve as a forest tail for moving timber off the site. Future homesite will serve as a landing/log yard during logging operations.
2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028	Stand 3	No	0.25	Cover Crop (Code 314) is for winter-time use to reduce weed pressure, reduce runoff into Factory Creek, and provide additional forage for neighbor's cows.
2020-2028	Stand 3	No	1.9	Prescribed Grazing (Code 538) to reduce cover of immature multiflora rose and fertilize the garden in the spring before planting. Provide cows additional forage.
2019, 2023, 2028	Whole Property	Yes		Next Site Visit - Woodland reviews are recommend 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.

## Woodland Resource Descriptions

**General Soils Information** –On the hillsides the soils here are generally well-drained but the current soil water holding capacity is moderate (about 6.0 inches) and the rain infiltration rate is slow/the rainwater runoff class is high. The frequently flooded field in Stand 3 is an exception to all of this. Rain water infiltration rate is better (moderate), and there’s about 11.1 inches of water holding capacity in the soil. That bottom pasture is considered “farmland of local significance”.

**Soil Series:** Berks-Westmoreland silt loams, Guernsey silt loam, Guernsey-Upshur complex, Kinnick-Lindsay silt loams, Richland loam

**Soil Drainage Class:** Well drained

**Site Class: (using Woodland Productivity):** Good

**General Description of Main Soils:** the soils here are all silt loams. On the hillsides there are rocks closer to the surface, and the rainwater infiltration rate is lower. The rainwater infiltration rate could increase if there was more of an herb and grass layer growing in the timber stand (not counting the honeysuckle vine growing along the ground which is the only thing we see right now). More fine roots from an herb and grass layer would overtime increase the rainwater infiltration rate, helping the trees grow faster, hence our insistence on planting the landing, homesite and any group selection areas in native wildflowers and grasses. If managed well, seed from these plantings could disperse across and down the hill into openings created by future timber harvested and prescribed fire.

### Map Unit Legend (Jen and Jeremy Forest Soils Map)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
B&D	Berks-Westmoreland silt loams, 15 to 25 percent slopes	0.0	0.0%
G&C	Guernsey silt loam, 8 to 15 percent slopes	1.8	3.4%
G&C	Guernsey-Upshur complex, 8 to 15 percent slopes	7.6	14.3%
G&D	Guernsey-Upshur complex, 15 to 25 percent slopes	4.0	7.4%
K&L1AF	Kinnick-Lindsay silt loams, 0 to 3 percent slopes, frequently flooded	3.7	7.0%
R&E	Richland loam, 25 to 40 percent slopes	2.8	5.2%
W&C	Westmoreland-Guernsey silt loams, 8 to 15 percent slopes	3.0	5.6%
W&D	Westmoreland-Guernsey silt loams, 15 to 25 percent slopes	3.3	6.2%
W&F	Westmoreland-Guernsey silt loams, 40 to 70 percent slopes	27.1	50.8%
Totals for Area of Interest		53.3	100.0%