

Woodland Stewardship Management Plan

Owners Mona Frecker Et Al
Address 41246 Kingsbury Road
Pomeroy, OH 45769
Phone 740-992-7029 Case Number 05-
County Athens Township/Village/City: Township Lodi
Location: Property Address: Pts. Section 13
Lodi Township, Athens County, State of Ohio (Parcel # J010010010900)
Contact : Doug Keiter

Woodland Stewardship Acreage: 75.79 Non-woodland Stewardship Acreage*: 7.00
Total Property Acres 82.79 * Non-woodland acres for which stewardship recommendations are made.

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

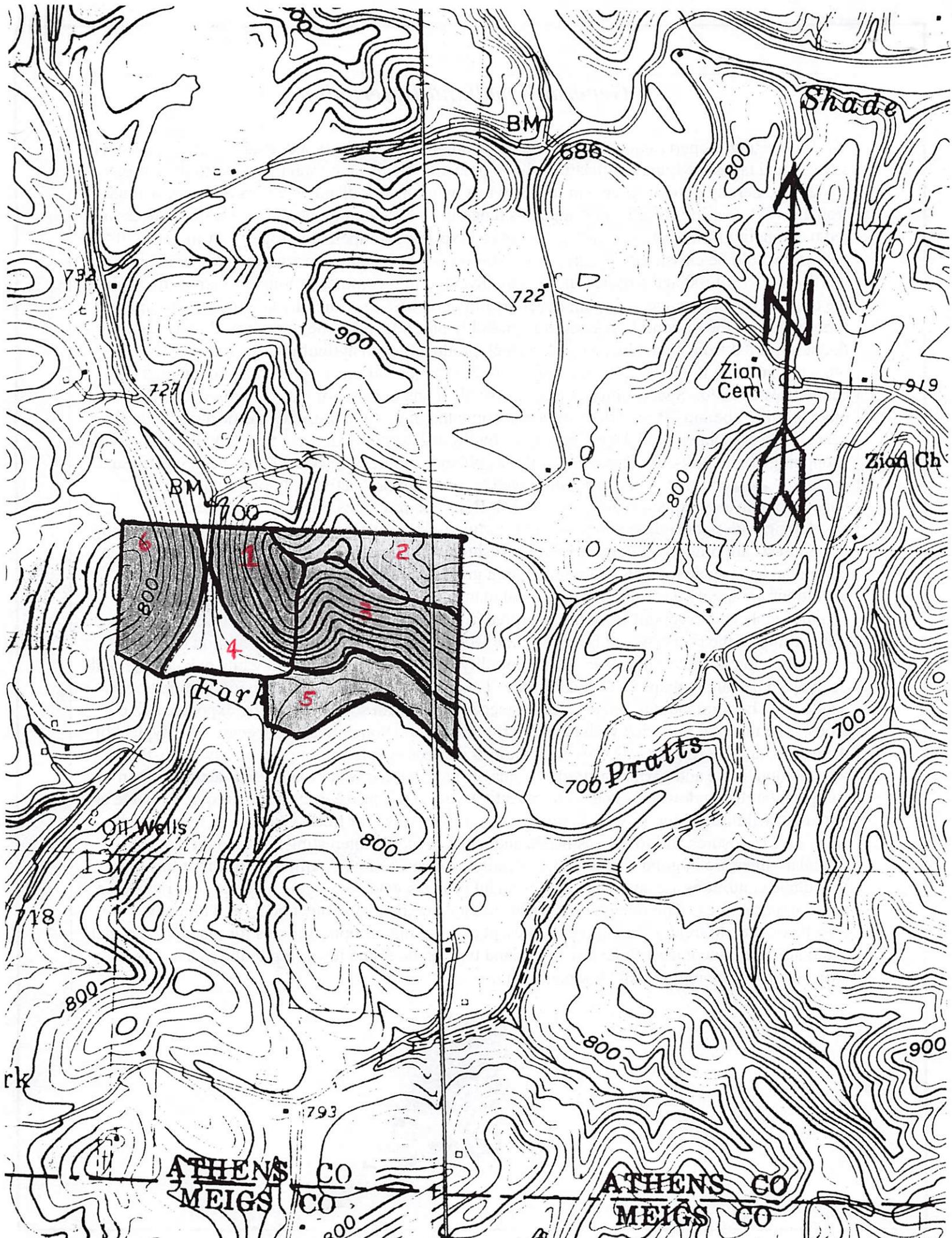
- CAUV Landowner Education & Guidance
 Environmental Quality Incentives Program (EQIP)

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

Latitude: 39.20359 Longitude 82.00624

Landowner Objectives

1. Maintain and improve the productivity of the forest (big trees healthy forest).
2. Create interest and appreciation for many diverse forest values such as songbirds, wild flowers, native plants, mushrooms, nuts, insects, reptiles, amphibians and habitats.
3. Conserve soils from erosion and install and maintain practices that reduce erosion.
4. Leave the woodlands in a better condition for future generations.
5. Manage the property for all the attributes and opportunities that exist in a forest ecosystem including recreation (hiking, solitude, nature study, working outdoors, hunting), wildlife management (habitat improvements) soil and water management, forest protection, timber products (income and improvement) and other compatible conservation uses.
6. Develop overall healthy wildlife habitat for a diverse and large variety of species.
7. To select and learn about tree species best suited to the soils and sites found upon the land.
8. To become and remain eligible for agricultural tax abatement programs (CAUV, OFTL).
9. Grow trees which will provide products for sale.
10. Implement cultural treatments especially upon the better woodland sites to shorten the time necessary to produce high quality timber.
11. Maintain an awareness of historical, traditional farm activities upon the property where applicable including mineral management, agriculture and forestry.
12. Identify, protect and preserve unique features (natural, cultural, archeological & historic).
13. Maintain, develop and improve access corridors.
14. Identify, discourage & control invasive species.



Shade

BM

686

800

792

722

900

Zion Cem

919

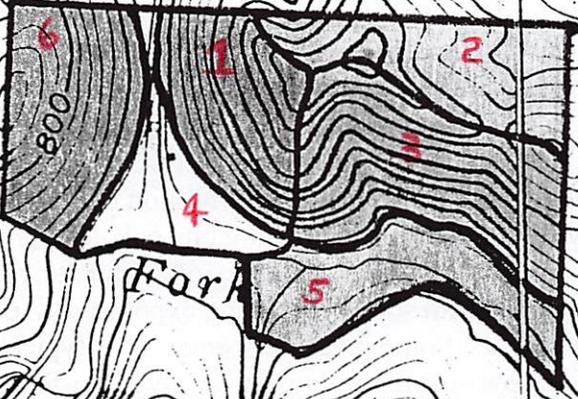
727

BM

700

800

Zion Ch



Fork

700 Pratts

700

Oil Wells

800

718

800

800

900

rk

793

ATHENS CO
MEIGS CO

ATHENS CO
MEIGS CO

900

General Woodland Description

This interesting property contains impressive woodland areas. The woodlands are medium to well-stocked and large/medium/small/sawlog/large pole-size classes are found. Access to the various stands is generally good to excellent utilizing a network of woodland corridors and county road frontage (CR 45 King Road). Growing sites range from excellent to medium with site indices for red oak ranging from 86 to 65 on the various soil types found upon the property. A majority of the property would be classified as high site index woodland indicating forest practices would be very worthwhile. Professional foresters have been involved in recommendations for management since the original forest management plan developed in 2000. At one time, the land was a working hill farm typical of the region. Livestock was probably present, and some of the woodlands were no doubt impacted from a past history of livestock production and agricultural operations. The property has been in the King family for a very long time, and the original well-maintained log cabin dates to 1870. Species mix of trees is excellent and consists of native hardwoods. Deer and other wildlife abound. Past history indicates some logging of the property has occurred over the years likely associated with a long history of traditional agricultural activities. Oil and gas activity is ongoing on the property. Recovery of the woodland resources since 2000 has been positive and ongoing with woodland areas responding well to some cultural activity. Poorer quality trees, undesirable invasive species and Emerald Ash Borer are problems noted. Forest stands are developing with outstanding potentials and starting to show what the land is capable of producing if the forests are brought under proper stewardship and management. All aspects including some bottomland and ridge top can be found lending great diversity upon the landscape. These conditions are highly desirable for woodland management and habitat for wildlife. Some commendable and excellent work has occurred in the past regarding grapevine control, stewardship of the property and boundary line work. A nice interior forest condition currently exists upon the property; however, some mortality from EAB and scattered white oak decline will open up some canopy gaps in the near future. Topography is typical of the region with relatively gentle level bottomland land merging into steeper slopes with some interesting exposed rock outcrops. The understory is rich with native herbs and plants. Some invasive species, as is typical of the region, are filtering into the mix with various degrees of infestation particularly multi-flora rose, autumn olive and garlic mustard. Drainages have a huge water quality influence that can complement the landowner's goals and objectives and could prove to be quite unique, valuable and important wildlife habitat as well as productive growing sites for trees. Geological features with some rock exposures add to the aesthetics and make for some interesting nooks and crannies. Boundary lines are in good stages of demarcation and can be found with little effort at this time. Woodland conditions are such that improvement projects would continue to make first-rate value added opportunities. The potentials to grow quality woodland and meet goals and objectives are very favorable. Merchantable timber is present and can impart opportunities for management that could also yield income. Evidence of past land use can be found testifying to the rich and long term history of the region that took place here.



Management Activity Schedule

Year(s) Suggested	Mgmt. Units	Required Task?	EQIP Practice?	Acres	Recommendations
2015-2019	All	Yes	No	All	Mark boundary lines with paint
2016-2019	1,2,3,5,6	Yes	Yes	75.8	Grapevine control (light/medium)
Ongoing	All	Yes	No	All	Maintain and improve access
Ongoing	4	No	No	7.0	Maintain, improve, continue agricultural production
Ongoing	All	Yes	Yes	82.8	Shrubby invasive control (light/medium/heavy)
2016-2020	1,2,3	No	No	20	Consider and evaluate for an ash salvage (have a qualified forester assist)
2020	1,2,3,5	No	No	58.6	Consider and evaluate for an intermediate timber harvest (have a qualified forester assist)
2025	6	Yes	Yes	17.2	Crop tree release
2030	All	Yes	Yes	82.8	Redo Forest Mgt. Plan
Ongoing	All	Yes	No	Next Site Visit – Woodland reviews are recommended at least once every five years, and no more than fifteen years, based upon the date of the last actual 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.



Pratts Fork Stand 5

Woodland Stand Description and Management Recommendations

Stand # 6 – 17.2 Acres

Dominant Species: WO, TP, HI, WA, HM, BE, BG, SM, ELM, BO, RO, BY, DOGWOOD, SPICE BUSH, PAW PAW, BW, BC, BOXELDER

Forest Type or Dominant Vegetation: Transition Hardwoods

Stand Diameter or Size Class: Pole/Small/Medium/Sawtimber

Stocking Level: Excellent **Basal Area:** 90 ft²/acre

Stand History: Moderate to good access. Agricultural impacts from past activities and history. Grapevine control work, boundary lines. Ash mortality is occurring

Topography: Steep east facing slope to ridge top. Excellent site index frontage along CR 45, powerline R-O-W.

Present conditions for you to consider: Grapevines, moderate access. Shrubby invasives. Favor oak in mgt. options. Some white ash and coarse dominants, cost sharing for grapevines and invasives, boundary line marking. EAB present. Good site high priority for management. Woodland developing nicely lots of potential

Management Recommendations:	Management Tasks/Year	
	Required	Year
Grapevine control	Yes	2016-2018
Maintain and improve access	No	Ongoing
Invasive species control (M-T-F & AO)	Yes	Ongoing
Remark boundary lines with paint	Yes	2015-2019
Crop tree release	Yes	2020-2025

If a timber harvest is recommended, silvicultural method to be used: NA

Comments: Stand 6 represents a typical pattern of woodland conditions found on north and easterly facing slopes. For the most part these woods are becoming fully stocked and in good condition with some mortality, coarse dominants and ash. Access is moderately good and needs to be maintained and improved. Soils and sites are somewhat recovered from past history and have high potential for good tree growth. Past history indicates impacts from agricultural operations. Trees represent a healthy species mix. EQIP cost share opportunities with the NRCS are always possible and should be explored. Stand 6 could yield some valuable returns on the timber resource and can be developed into very productive woodland as growing sites are excellent. Property boundaries are fairly easy to find and should be marked. Ash mortality will thin the stand and open up the canopy, but an ash salvage opportunity is not feasible in this location due to topography and values involved. Simply let the ash mortality thin the stand going forward and let the forest condition develop. Stand 6 has improved greatly in the last 15 years with some closed canopy conditions, an excellent species mix and good growing stock. Grapevines and invasives on sites like this should be a high priority for complete control.