

Woodland Stewardship Management Plan

Owners GSD Development Inc
Address 7690 Meadowbrook Road
Albany, OH 45710
Phone 740-594-4180 Case Number 05-
County Athens Township/Village/City: Alexander Township
Location: Property Address: Pts of Sections 27, FRA 3 & 4
Alexander Township, Athens County, Ohio Parcel# B010010079100 &
B010010079300
Contact : Lyle Lawrence

Woodland Stewardship Acreage: 113.0 Non-woodland Stewardship Acreage*: 4.78
Total Property Acres 117.78 * Non-woodland acres for which stewardship recommendations are
Made. 2.78

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

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

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

Latitude: N39.22959 Longitude W82.15667

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), wildlife management (forest openings, habitat improvements) soil and water management, forest protection, timber products (income and improvement) and other compatible conservation uses.
6. Develop and maintain favorable food and cover conditions for wildlife.
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).
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.
12. Identify, protect and preserve unique features (natural, cultural, archeological & historic).
13. Maintain, develop and improve access corridors.
14. Identify, discourage & control invasive species.

RECEIVED

Serby's Forestry Services

DEC 15 2016

Jill Thompson
Athens County Auditor



Stand 3- The Grandfather Oak

Woodland Stewardship Management Plan

GSD DEVELOPMENT INC.

Owner's Information:

Owners: GSD Development Inc. (Lyle Lawrence)

Signed: *Lyle Lawrence*

Date: 12/14/2016

Preparer's Information:

Prepared by: William J. Serbonich CF

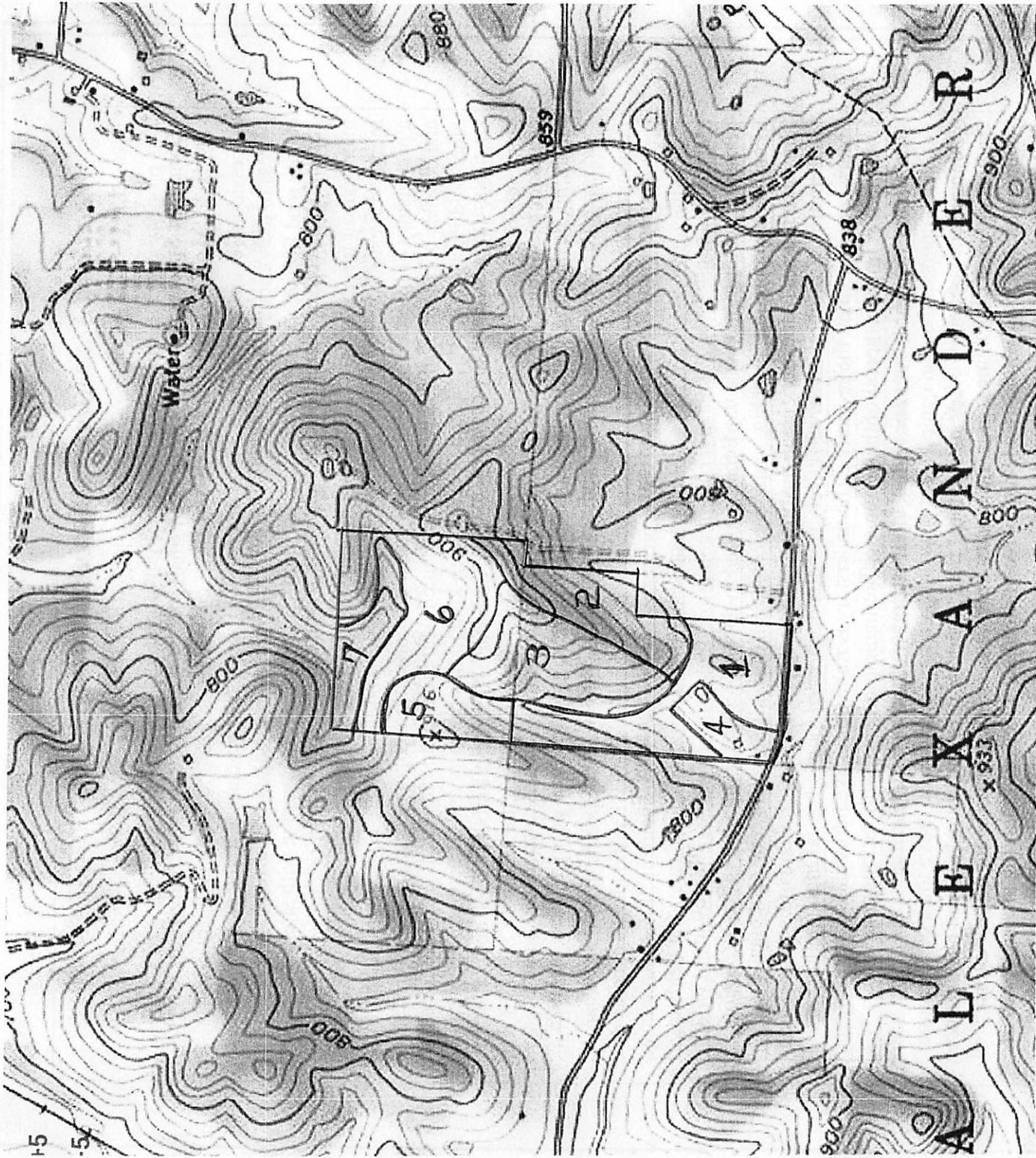
Signature: *William J. Serbonich* 

Serby's Forestry Services
2165 Clara Avenue
Albany, OH 45710

Date: 12/15/16

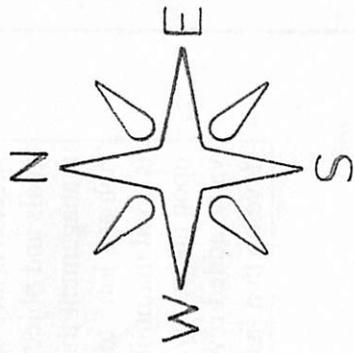
This plan is valid for the period beginning 1/01/17 and ending 1/01/32.

Plan Status: Renew of 2005 Mgt. Plan with updates



— Property Boundary

- - - Stand Boundary



General Woodland Description

This property contains impressive woodland potentials. The majority of woodland is reverting field, or medium to slightly under- stocked small sawlog/large pole size class. Patches of larger sawtimber and scattered pine make for a hodgepodge situation in some portions. Early successional reverting fields add a nice diversity of habitat and age classes to the overall mix. Access to the various stands is generally good utilizing a central ridgetop trail/road system and the county road frontage. Growing sites range from excellent to at least average with site indices for red oak ranging from 62 to 85. Professional foresters have been involved in recommendations for management for about ten years. 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. Species mix of trees is excellent and consists of native hardwoods and some planted white pine found in Stands 2 and 6. Deer and other wildlife abound. Past history has not been kind to this property and it seems to have been adversely and heavily impacted by agricultural activities. A clearcut timber harvest about thirty years ago created an excellent new stand of pole sized trees and had stellar results in Stands 3 & 6 where applied. Recovery of the woodland resources since your ownership has been positive and ongoing with most areas responding well while others are still struggling with depleted sites from past history, poorer quality trees, grapevines and undesirable invasive species. Forest stands are beginning to emerge with outstanding potentials and starting to show what the land is capable of producing if the forests are brought under proper stewardship and management. It is striking how unique the forest conditions are across the landscape with early successional reverting fields to patches of mature timber. This diversity of conditions makes for a very healthy forest and wildlife habitat. Some commendable work has occurred in the past ten years regarding access corridors and a start on boundary line marking, grapevine control and invasive species control. A nice interior forest condition is developing upon the property and except for a small headquarters area; (Stand 4) the property can be considered entirely woodland. Topography is typical of the region with all aspects represented on the property. The understory is rich with native herbs and plants however invasive species as is typical of the region are filtering into the mix with various degrees of infestation some infestations are severe and worrisome. Drainages and riparian areas have a water quality component that can complement 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 are subtle but some rock exposures can be found. Boundary lines are in various stages of demarcation and mostly need to be marked. Woodland conditions are such that improvement projects would continue to make first-rate value added opportunities. Grapevine and invasive species issues can be found in all locations. The potentials to grow quality woodland and meet goals and objectives are very favorable. Merchantable timber 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. The best management attribute going forward at this time is good maintained access to most all of the property. This is a really neat and fun property to hike upon and enjoy. Its long term attributes are certainly worth developing and can yield fantastic value added rewarding results. Following your management plan will allow the forest to quickly develop in a fashion that will accomplish your goals and be much more fun to visit and appreciate.

Management Activity Schedule

Year(s) Suggested	Stands	Required Task	EQIP Practice	Acres	Recommendations
2017-2021	All	Yes	No	All	Mark boundary lines with paint
2022-2026	All	Yes	No	All	Mark and maintain boundary lines
2029-2032	All	Yes	No	All	Mark and maintain boundary lines
2018-2021	6,7	Yes	Yes	36.1	Grapevine control
2019-2022	5,3,2	Yes	Yes	54.8	Grapevine control
2021-2023	1,4	Yes	Yes	25.0	Grapevine control
Ongoing	All	No	No	All	Improve and maintain access routes
2025-2030	3,5,8	No	Yes	38.8	Crop tree release
Ongoing	2,3,6	Strongly Suggest	Yes	3+or minus	Learn to ID ailanthus and spot treat w/herbicide whenever found (known current locations/stands)
Ongoing	All	Strongly Suggest	Yes	All	Learn to ID shrubby invasives and treat w/herbicide start along trails and openings in all units
Ongoing	All	No	No	All	Spot treat invasives especially ailanthus when found
2030-2032	2,3,5,6,7	No	No	90.9	Consider and evaluate for an intermediate timber harvest following grapevine, invasive control and boundary line marking (have a qualified forester assist)
Ongoing	Whole Property	Yes	No	Next Site Visit – Woodland reviews are recommended at least once every five years, and no more than ten 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.

Woodland Stand Description and Management Recommendations

Stand # 7 – 6.4 Acres

Dominant Species: WO, BO, HI, HM, SM, BW, TP, SASS, BE, WA, ELM, RO, BC, BY, SYC, DOG, SPICEBUSH, BG

Forest Type or Dominant Vegetation: Transitional Hardwoods/ Allegheny Hardwoods

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

Stocking Level: slightly overstocked **Basal Area:** 100 ft²/acre

Stand History: agricultural and logging (1985), access corridors, hunting, recreation

Topography: Lower slope north and easterly facing slopes, cove, riparian corridors and drainages

Present conditions for you to consider: access corridors, ailanthus and shrubby invasive control, grapevines, interior stand, scenic geologic features, boundary lines, grape arbor mgt, cost share

Management Recommendations:	Management Tasks/Year	
	Required	Year
Grapevine control consider arbors	Yes	2018-2021
Invasive species (education, identification and control)	Strongly Recommended	Ongoing
Maintain access corridors	No	Ongoing
Mark boundary lines	Yes	2017-2021

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

Comments: Stand 7 is adequately stocked and similar to Stand 6 with excellent potential for trees, interior habitats and a good species mix. For now there is no sense of urgency to facilitate a harvest and the timber can be allowed to simply continue to develop for the next management cycle. If a harvest is required to generate income consider lightly thinning adjacent stands to attract buyer interest. A harvest this management cycle will be difficult to attract buyers due to low volumes and grade of trees but it might be possible with strong markets. Merchantable material exists in Stand 7 and a harvest might be conducted. Allowing the trees to further develop, however, will be a value added opportunity in the long run. Grapevine control work with arbor management consideration will be a worthy exercise. Part of Stand 7 has had grapevine control and the treated area dynamically illustrates the results of this activity. It's well worth the hike to observe the difference between treated and untreated areas. Maintaining access corridors always has merit and contributes to the overall management of the property. Basal areas range from 50 to 130 square feet per acre. Invasive species are a serious problem and should be treated. Efforts to control grapevines and invasives have great merit and pay huge ecological and habitat improvement dividends. Boundary line marking, invasive species control, grapevines and maintaining access are the greatest needs for Stand 7 this management cycle. The riparian corridor effect can be protected in Stand 7 by following standard BMPs. Stand 7 represents a high red oak site index and is a priority for management activities.