

## SANITARIUM LOT

The Sanitarium Lot is in the Town of Amity. It is on the east side of County Route 48 behind the B.O.C.E.S. property. The property was originally purchased for a tuberculosis sanitarium but the sanitarium was never built. A portion of the lot was once cleared for agriculture. Upon acquiring the Lot, the County planted the open land to conifers.

A pond was constructed for recreation, wildlife and fire control. Honeysuckle and multiflora rose were planted for food and cover for wildlife. These shrubs are spreading to parts of the lot by the wildlife that eat their seeds. As they take over the understory, they shade out seedlings of desirable timber species. This creates a serious problem when it is time to regenerate the stand.

STAND #1: Hardwood and Hemlock – Sawtimber, Poles and Saplings – 11 acres

	<b>Major Species</b>	<b>Minor Species</b>
Large Sawtimber	red oak white oak red maple white ash	beech sugar maple hemlock
Small Sawtimber	red maple	white ash beech shagbark hickory hemlock black cherry
Poles	red maple	beech hemlock sugar maple sweet birch black cherry
Saplings	beech	red maple sweet birch

This stand had a timber sale in the 1980's. At that time, large red and white oaks were harvested. These trees had large crowns, leaving large openings in the overstory. The crowns of the remaining timber and pole trees have not closed in, so the stand is still quite open. The stand is regenerating slowly, probably due to deer browse. There are still large sawtimber trees in the stand, but there is nothing good with which to replace them. As long as they stay healthy they should be left as a seed source and for wildlife, until the stand has adequate seedling – saplings to regenerate the stand. There is some mortality and damage to the beech due to the Beech-Bark Disease. No work is needed in the stand at this time.

**STAND #2:** Hardwoods – Sawtimber and Poles – 2 acres

	<b>Major Species</b>	<b>Minor Species</b>
Large Sawtimber	red oak white ash sugar maple white pine	
Small Sawtimber	red oak white ash black cherry	
Poles	white ash sweet birch white oak beech	

Stand #2 is a small stand of hardwood sawtimber and poles along the gully. There isn't enough volume for a sale. They will provide a seed source when the conifers in the adjoining stands are harvested. There are culls in the stand that should be cut or girdled. There is honeysuckle starting at the top of the stand that should be eradicated.

**STAND #3:** Conifers and Hardwoods – Small Sawtimber and Poles – 2 acres

	<b>Major Species</b>	<b>Minor Species</b>
Small Sawtimber	Norway spruce	Scotch pine red oak white ash red maple white pine
Poles	Norway spruce	red maple white ash sugar maple

Stand #3 is abandoned agricultural land planted to Norway spruce and Scotch pine. Most of the Scotch pine has died. The stand is downwind from a good hardwood seed source. Hardwoods and white pine seeded in the stand, and are now pole and small sawtimber in size. The hardwoods are of good quality and have more potential value than the spruce. Harvest the spruce and convert the stand to hardwoods. There is honeysuckle getting started that should be eradicated before it becomes a serious problem.

**STAND #4:** Hardwood – Poles and Small Sawtimber – 0.5 acres

	<b>Major Species</b>	<b>Minor Species</b>
Small Sawtimber	red maple white ash white oak	
Poles	white ash red maple	

Stand #4 is a small stand of hardwood poles and small sawtimber. The stand is overstocked, but there is enough ash in the stand so the emerald ash borer will do most of the thinning. Leave the white oak wolf tree for the wildlife. No work is needed in the stand at this time.

STAND #5: Red Pine – Poles – 4 acres

	Major Species	Minor Species
Poles	red pine	

Stand #5 is abandoned agricultural land planted to red pine. This stand is a perfect example of the difference it makes between planting red pine off site and on site. The southern end of the stand is next to a pond, where there is very poor internal soil drainage. The red pine is badly off site, and is experiencing heavy mortality. In the northern end of the stand, the red pines are alive and have good growth, which indicates that they are on site. Unfortunately they were planted at 4 foot x 4 foot spacing and never thinned. The crowns are small and the trees have reached their full potential.

There is not much hardwood reproduction, but the stand is downwind from a good hardwood seed source. The pine should be harvested and converted to hardwoods.

STAND #6: Conifer and Hardwood – Sawtimber and Poles – 1 acre

	Major Species	Minor Species
Small Sawtimber	Norway spruce Scotch pine	white pine sugar maple white ash
Poles	Scotch pine Norway spruce white ash	
Seedling – Sapling	white ash red maple blue beech	

Stand #6 is abandoned agricultural land planted to Norway spruce, Scotch pine and white pine. There are some white ash and sugar maple that seeded in the stand. There is heavy mortality in the Scotch pine in the wetter part of the stand. Some of the large white pines have also died. The Scotch pine and the white pine should be harvested and the stand converted to hardwoods. There is honeysuckle and multiflora rose in the stand that should be eradicated.

STAND #7: Conifer and Hardwood – Sawtimber – 1 acre

	Major Species	Minor Species
Large Sawtimber	Norway spruce white pine Scotch pine	black cherry
Small Sawtimber	white pine Norway spruce	Scotch pine black cherry

Stand #7 is abandoned agricultural land planted to Norway spruce, white pine and Scotch pine. The survival rate was low when the trees were first planted. This has given the trees enough growing space

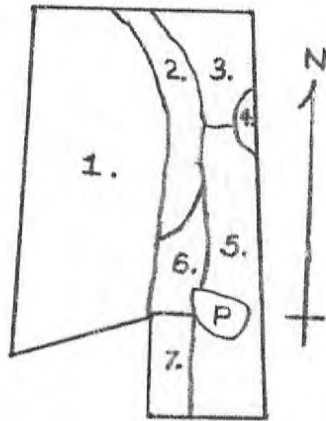
to become sawtimber size. The stand needs a light thinning. This should be done by harvesting the Scotch pine.

There is honeysuckle in the understory that should be eradicated. Not much reproduction is present and there is no good hardwood seed source near by. Leave the white pine and Norway spruce as a seed source and try for pine and spruce reproduction. Some pine and spruce could be taken out for thinning purposes.

RECOMMENDATIONS:

1. Hold a conifer sale on Stands #3, 5, 6 and 7. Remove all conifers in Stands #3 and 5. Leave the Norway spruce in Stand #6. Leave the Norway spruce and white pine in Stand #7. Harvest the conifers in a sale along with the sale on the Coleman Lot, since there is a small volume of trees to be taken out.
2. Do a pre-commercial cull removal in Stand #2.
3. Eradicate the invasive species in Stands #2, 3, 6 and 7.
4. Repair the access road into the stand.

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SCALE: 1" = 10 CHAINS (660')

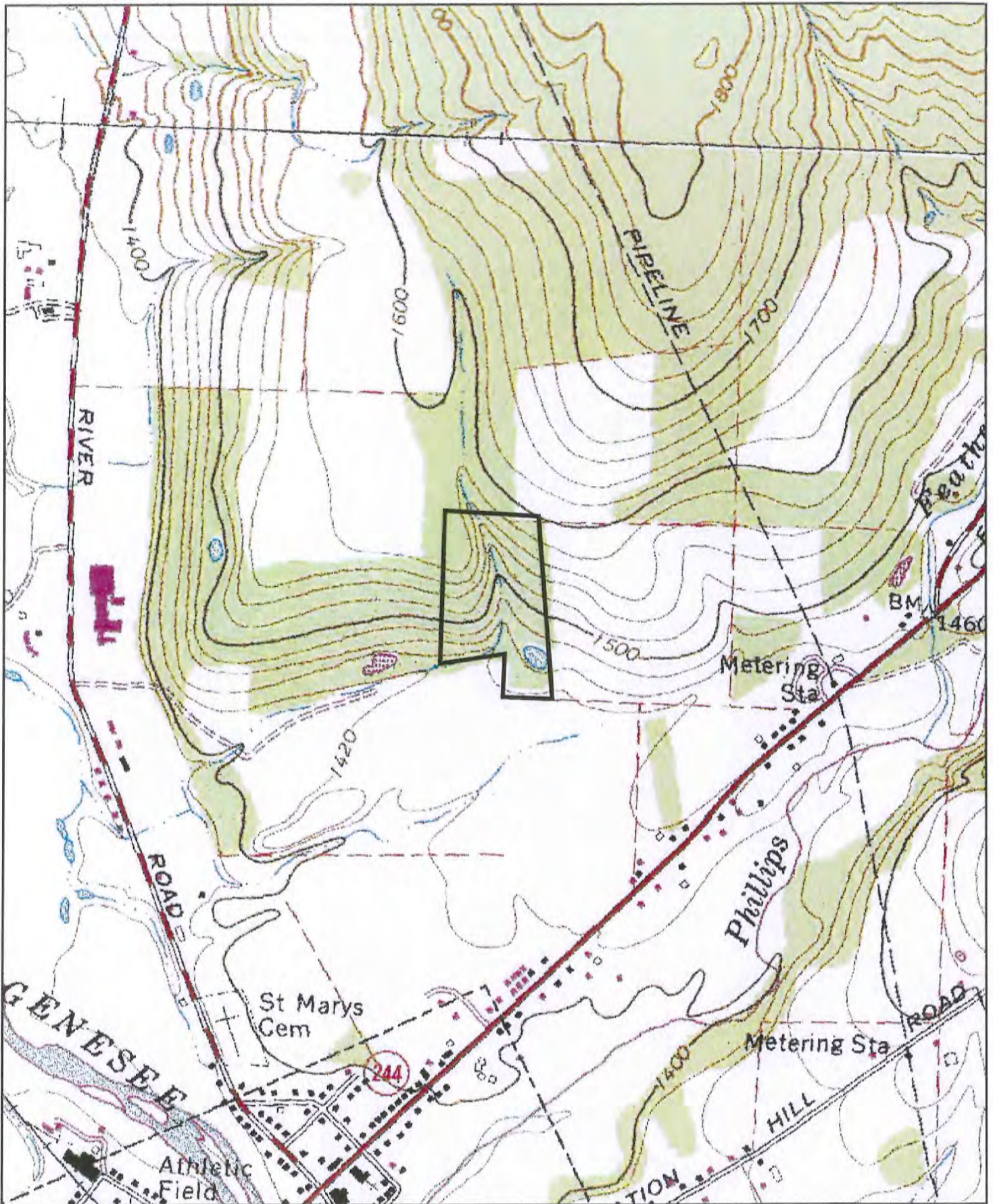


Allegany County Forest  
Sanitarium Lot  
Town of Amity

Map Updated: 2/7/2012

1 inch equals 1,000 feet





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