C. HORNER LOT

The C. Horner Lot is located in the Town of Angelica. The Lot is at the end of Horner Road. The lot contains 130 acres and was a farm at one time. The cropland was planted to conifers when the County acquired the Lot.

Three ponds were constructed for recreation, wildlife and fire control. Multiflora rose and honeysuckle were planted for wildlife. Unfortunately, they have spread by wildlife carrying the seed into some of the stands. It is taking over the understory to varying degrees, and will continue to get worse unless it is eradicated.

STAND #1: Hardwoods – Poles – 3 acres

	Major Species	Minor Species
Poles	red oak	white ash shagbark hickory

Stand #1 is an excellent stand of almost pure red oak poles. The stand has high potential to produce high quality valuable timber. The stand is overstocked and needs thinning. This could be done pre-commercially or through a fuelwood harvest.

STAND #2: Hardwoods and White Pine – Small Sawtimber and Poles – 20 acres

	Major Species	Minor Species
Large Sawtimber	red oak white pine aspen hemlock	
Small Sawtimber	white pine red maple aspen	white ash red oak hemlock
Poles	red maple white pine aspen	white ash white oak shagbark hickory hemlock

Stand #2 is an abandoned pasture that seeded into a poor quality stand of hardwoods and white pine. A high percentage of the white pine was attacked by the white pine weevil when the pines where young, resulting in deformed poor quality trees. There is a pocket of hemlock along the eastern property line.

There is a small number of large sawtimber red oak, white pine, aspen and hemlock trees in the stand, mostly at the north end. The majority of the trees are poles and small sawtimber. The stand is overstocked and needs thinning. The poor white pine would need to be taken out pre-commercially. The hardwood trees that need to be removed in the thinning could be done pre-commercially or through a fuelwood sale. The large sawtimber trees could be included in the next timber sale on the Lot.
There is a moderate amount of honeysuckle and multiflora rose in the north end of the stand that should be eradicated.

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

	Major Species	Minor Species
Large Sawtimber	red oak	
Small Sawtimber	red oak white ash red maple white pine	
Poles	red maple	white ash white pine black cherry

Stand #3 is a hardwood stand with a few white pines. There are some large red oaks in the stand. Most of the trees in the stand are small sawtimber and poles. There are cull trees in the stand. This stand should be included in the next hardwood timber sale. The culls should be cut or girdled as part of the sale.

STAND #4: Hardwoods and white pine – Poles – 5 acres

	Major Species	Minor Species
Poles	red oak red maple white ash	sweet birch

Stand #4 is another pole stand with high value timber potential. The stand is overstocked and needs thinning. The stand is on a moderate slope, which might make it difficult for a commercial thinning. There is a badly eroded stretch of logging road that needs repair.

STAND #5: Hardwoods – Sawtimber and Poles – 8 acres

	Major Species	Minor Species
Large Sawtimber	red oak	sugar maple red maple white ash
Small Sawtimber	red oak	aspen hemlock white ash
Poles	red maple sugar maple basswood aspen white ash white pine hemlock	

Stand #5 is a high quality stand of hardwood sawtimber and poles. There is high quality timber ready for harvest now, and more coming on for the future. The stand is overstocked and needs thinning. A sawtimber harvest will only do part of the thinning. The stand should have a timber sale followed by a thinning. The thinning can be done by a fuelwood sale or a pre-commercial thinning.

STAND #6: Hardwoods – Poles – 2 acres

	Major Species	Minor Species
Poles	aspen	white ash white pine

Stand #6 is abandoned agricultural land planted to red pine, Scotch pine, and Austrian pine. The plantation failed and has been taken over by hardwoods, mostly aspen. The understory has heavy honeysuckle and some multiflora rose. The honeysuckle and multiflora rose should be eradicated. The aspen can be harvested for hardwood pulp along with the conifers.

STAND #7 Red Pine – Poles – 16 acres

	Major Species	Minor Species
Poles	red pine	
Seedling – Saplings	red oak beech white ash red maple	

Stand #7 is abandoned agricultural land planted to red pine. The red pine is off site, planted at close spacing (5ft x 5ft) and never thinned. The internal soil drainage gets worse the farther northeast you go in the stand. As the internal drainage gets worse, the pine trees are shorter, smaller in diameter, and have smaller crowns. The pine has small crowns and has reached its full potential. It is time to harvest the pine and convert the stand to hardwoods. There is moderate to heavy honeysuckle and multiflora rose in the understory that needs to be eradicated.

STAND #8: Hardwoods and Scotch pine – Poles – 8 acres

	Major Species	Minor Species
Poles	red maple (90%+)	Scotch pine sugar maple white ash aspen red oak white pine
Sawtimber	white pine	

Stand #8 is abandoned agricultural land planted to Scotch pine. The plantation failed, and is almost all hardwood poles. There are a few Scotch pine at the very top of the hill. The hardwood seed source wasn't as good there, and there is heavy honeysuckle and thornapple in the understory. There are a few hardwood saplings coming through the honeysuckle.

The lower portion of the stand, and the biggest percentage of it, had a better seed source. It is now a pole stand of predominately red maple. There are a few white pine and a few (very few) Scotch pine scattered among the maple. The lower portion of the stand is overstocked and needs thinning. This could be done pre-commercially or through a fuelwood sale.

STAND #9: Red Pine – Small Sawtimber and Poles – 9 acres

	Major Species	Minor Species
Poles and Small Sawtimber	red pine	

Stand #9 is abandoned agricultural land planted to red pine. The pine is off site and has never been thinned. The crowns are small and the trees have reached their full potential. There are red maple and white ash seedlings and saplings in the understory. The honeysuckle is just getting started. The stand should be harvested and converted to hardwoods. The honeysuckle should be eradicated.

STAND #10: Hardwoods – Small Sawtimber and Poles – 17 acres

	Major Species	Minor Species
Small Sawtimber	red oak white ash sugar maple	black cherry
Poles	sugar maple red oak	white ash red maple basswood shagbark hickory black cherry
Seedling – Sapling	sugar maple beech white ash	red oak basswood

This is a high quality stand of hardwood sawtimber and poles. The stand had a timber sale in 2002. Large sawtimber trees were harvested, along with poor quality small timber trees for thinning purposes. Part of the stand has more red oak, and the other part has more maple and ash.

The stand needs some light thinning in spots. Honeysuckle is just getting started, and should be eradicated before it becomes a problem. This stand should receive high priority for honeysuckle removal, because it has good hardwood reproduction. The next generation of trees has high potential for valuable timber. There are also some beech root suckers that could be treated at the same time. The stand will be ready for the next timber sale in about 18 years (2030). Let the best quality trees reach 22 inches D.B.H. before harvesting.

STAND #11: Hardwoods and Hemlock – Small Sawtimber and Poles – 2 acres

	Major Species	Minor Species
Small Sawtimber	sugar maple beech	red oak basswood
Poles	hemlock sugar maple beech white ash	black cherry basswood Cucumber

Stand #11 is a small sawtimber and large pole stand that was harvested for timber along with Stand #10 in 2002. There is hemlock in this stand, which makes it different from Stand #10. Hold the next timber sale when timber is sold in Stand #10.

STAND #12: Hardwoods – Poles and Sawtimber – 26 acres

	Major Species	Minor Species
Large Sawtimber	red oak shagbark hickory	
Small Sawtimber	shagbark hickory red oak white ash	basswood
Poles	shagbark hickory	sugar maple basswood white ash red oak bitternut hickory

Stand #12 is a hardwood stand of small sawtimber and poles that are mostly shagbark hickory. There are a few widely scattered red oak and shagbark hickory large sawtimber trees in the stand. The stand is overstocked and needs thinning. This thinning can be done commercially in a fuelwood sale. The large sawtimber trees can be included in the next sawtimber sale.

STAND #13: Red Pine – Poles – 5 acres

	Major Species	Minor Species
Poles		red pine
Seedling – Sapling	red maple sugar maple white ash	

Stand #13 is abandoned agricultural land planted to red pine. The red pine was planted off site at random spacing, sometimes as close as 4 feet apart. The pines were never thinned, and the crowns are small. It should be harvested and the stand converted to hardwoods. The honeysuckle is just getting started in the stand and should be eradicated before it becomes a problem.

STAND #14: Conifers – Poles – 6 acres

	Major Species	Species
Poles	larch Norway spruce red pine Scotch pine Austrian pine	

Stand #14 is abandoned agricultural land planted to larch, Norway spruce, red pine, Scotch pine, and Austrian pine. All of these species are off site except for the Norway spruce. The larch was planted at close spacing (4ft x 4ft) and never thinned. The larch and the pines have small crowns and have reached their full potential. They should be harvested, and the heavy honeysuckle in the understory eradicated.

The Norway spruce is the only species worth saving. It is adapted to poorly drained hard pan soils. It is a species that has genetic variation in height growth between individuals. This has allowed the spruce to thin itself. It has cast a heavy enough shade to keep out the honeysuckle. There are some hardwoods that have come into the spruce. The spruce will shade out the lower branches while the hardwoods are small in diameter. This will make the hardwoods high quality trees.

RECOMMENDATIONS:

1. Hold a hardwood sale in Stands #3 and 5.

2. Scattered large timber trees can be picked out of stands #2 and 12 to add to the sale in Stands #3 and 5.

3. Harvest all conifers in stands #7, 9, 13, and 14 except the Norway spruce in Stand #14.

4. Thin Stands #1, 2, 4, 5, 8, and 12. Stands #1 and 4 should have high priority because they have such high potential.

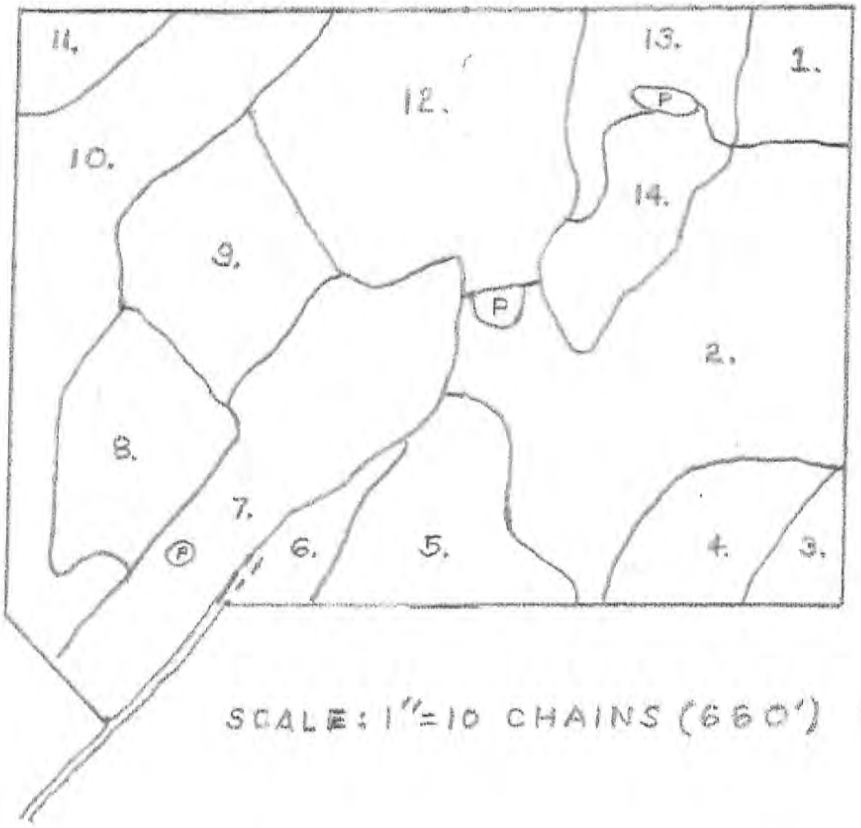
5. Eradicate the invasive species in Stands #2, 6, 7, 8, 9, 10, 13 and 14. Give high priority to Stand #10 because it is a high quality stand.

6. Repair the roads where there is erosion. Gate or block off the woods roads to prevent four-wheel drive vehicles from using them. Gate or block off the main road at the middle pond.

7. Maintain boundary lines.

8. Check Stands #10 and 11 for a timber sale in the time period 2022 – 2032.

C. HORNER LOT



Allegany County Forest
C. Horner Lot
Town of Angelica

Map Updated: 2/7/2012

1 inch equals 1,000 feet

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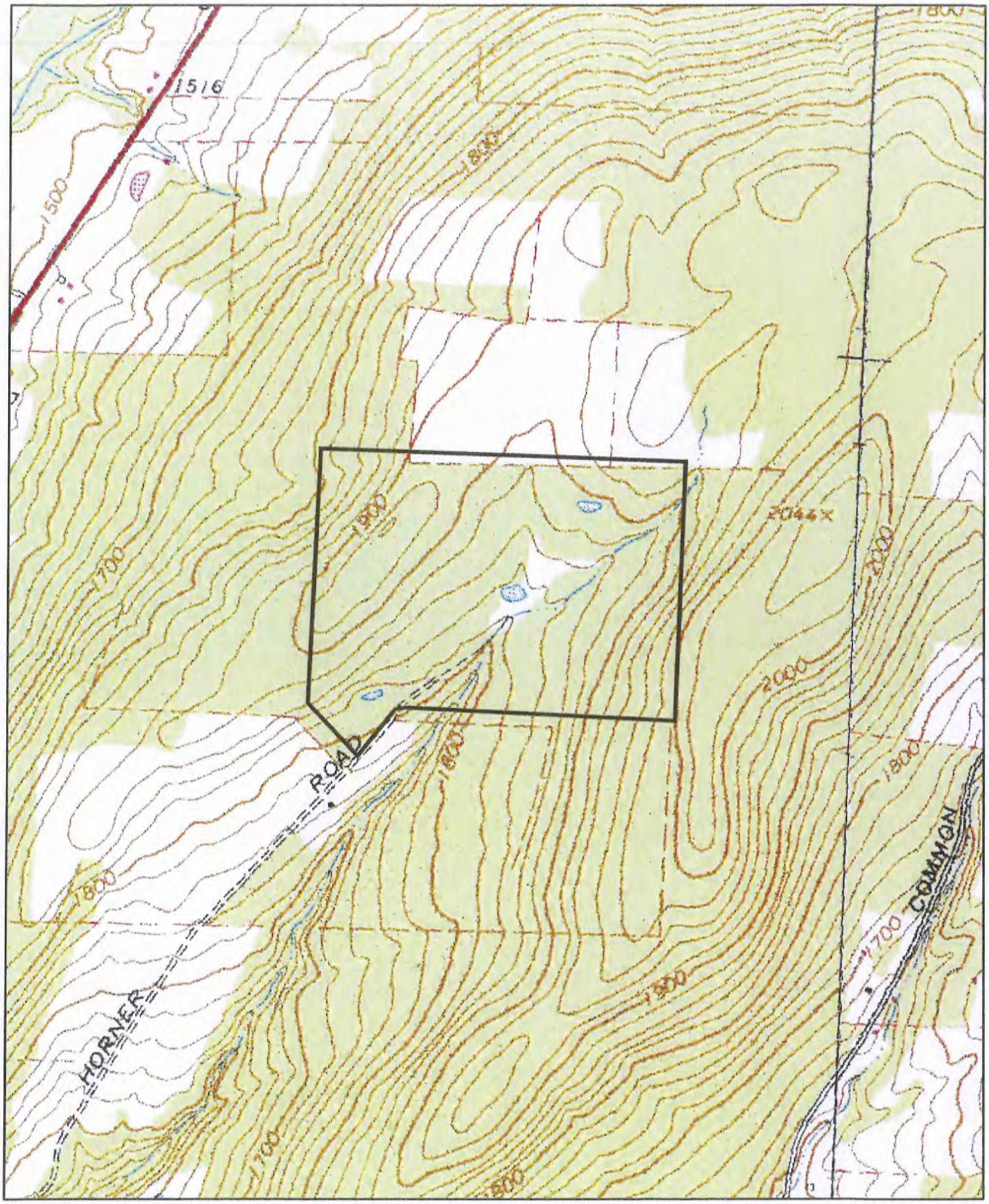
Allegany County Soil & Water Conservation District



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Allegany County Soil & Water Conservation District
Established 1941