Project Subject/Title: Aspen Thinning
County: Oneida
TRS: T36N R6E Sec.25
Contact Person: Manny Oradei, 715-365-2637
Type of Prescription: Thinning
Year Initiated: 2002

Abstract/Prescription:
The objective of this project was to observe the results of an aspen thinning and to produce aspen sawtimber on Oneida county land. A 60 acre aspen stand was harvested using a thinning method. Harvest spacing was not to exceed 15 ft x 15 ft between trees. The harvested trees were suppressed, diseased, and damaged. All maple trees were harvested. Whole tree chipping was required

Results:
- 8.25 cords/ac of aspen cut and less than 1 cord per acre of mixed
- Age of the stand was about 34 yrs old.
- Monitoring is ongoing – diameter and height measurements are taken annually.

Recommendations/Discussion:
- Use harvest spacing 15 by 15 feet
- Whole tree chipping recommended so not to cause any further damage to residual trees.

Site/Conditions:
Habitat Type: PArVAa
Covertype: Aspen

Aspen harvested 709.95 cd @ $7102.49
Mx  56.59 cd @ $510.44
86 acres thinned
8.25 cd/ac of aspen harvested
0.66 cd/ac of Mx harvested
Values $88.52/ac

Enclosed documents
NOKOMIS ASPEN THINNING SALE

CMPT / STAND: 42 / 3, 6
CUTTING AREA: 110 ACRES
DESCRIPTION: T36N R6E, SEC. 25
S1/2SW, NENW, NWNW

TRACT # 03-00
CONTRACT #
TOWNSHIP OF NOKOMIS
CONTRACTOR:
DATE SOLD:
DATE COMPLETED:

EST. VOLUMES
ASPEN 1720 CRDS $ 8.35 / CRD
MX HRD 195 CRDS $ 7.65 / CRD

MIN BID

LEGEND

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<th>TEST THINNING AREA</th>
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<tr>
<td>Aesthetic Area</td>
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<td>Thinning Area</td>
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<td>Regeneration Area</td>
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<td>Blue Paint Line</td>
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<td>KEG</td>
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<td>Logging Roads</td>
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Scale: 1" = 1 mile

ADDITIONAL REGULATIONS:

1. SALE AREA:
   a. Whole tree chipping required. Forwarding/prehauling equipment only. No grapple or cable skidding will be approved for sale area.
   b. No harvesting between spring breakup and June 15.
   c. Residual damage and nutting damage (greater than 6 inches) will not be permitted.
   d. Harvesting slash and equipment will not be permitted within any of the wet or dry pot holes within this sale area.
   e. One sale objective is to have this aspen thinned to a 15 x 15 foot spacing. Not greater distance than this.
   f. All trees felled onto private property shall be pulled back onto County Forest lands.
   g. All roads used will be returned to their original condition and road berms installed following sale completion. Berms need to be large enough to keep out vehicles.
   h. Items A-Z and 1-17 of the Oneida County Timber Sale Contract also apply.

OVER
2. TEST THINNING AREA:
   a. Harvest all orange paint marked aspen and maple within this area.
   b. Do not cut any oak, pine, cherry or birch.
   c. These areas will be the first areas to be harvested within the thinning area. Aspen spacing shall not exceed 15’ X 15’

3. AESTHETIC AREA:
   a. Do not harvest birch, oak, pine, cherry, maple or green marked aspen.
   b. Harvest all other unmarked aspen.
   c. This area will become part of a Hwy 51 visual corridor through the Oneida County Forest.

4. THINNING AREA:
   a. Harvest spacing not to exceed a 15’ x 15’ spacing of the better quality aspen.
   b. Harvest suppressed, diseased and damaged aspen first and than any better quality aspen second while no exceeding the 15’ x 15’ spacing requirement.
   c. Harvest all maple within this 60 acre area.
   d. Do not harvest any oak, pine, cherry or white birch. Harvest as much hazel as you wish!

5. REGENERATION AREA:
   a. Do not damage or harvest any oak or pine within this area.
   b. Harvest all merchantable aspen, white birch and maple.
   c. All unmerchantable stems greater than 1 inch, except oak and pine, shall be severed from the stump.