



TIMBER SALE PRESCRIPTION

GENERAL

Date 7/31/2006	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable)	Sale Name (or prescription name) Compartment 88 Hardwoods

LOCAL CONTACT

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Map of Project Area Attached

LEGAL DESCRIPTION

T47N R10W Section(s) 19,30 Description Sec 19 NW1/4 Sec 30 NESW, SENW

Year of Entry: 2007 Compartment(s):88 Stand Number(s): 11,16,53

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 46 Source: OI GPS Other _____
 Payment will be made on the basis of these estimated acres.

TREATMENT & OBJECTIVE

STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
11	M6	17	120	selection	northern hardwoods
16	M6	13	130	selection	northern hardwoods
53	M6	16	140	selection	northern hardwoods

PRESCRIPTION

1. Favor the best crop tree in place, regardless of species.
2. Mark to a residual BA of ~80 sq ft
3. Marking should favor better quality pole sized trees.
4. Remove low quality and high risk red and sugar maple.
5. Leave a component of yellow birch, cherry and beech.
6. Leave obvious nest or den trees, and favor some cull trees for wildlife (esp. near edge types)
7. Aspen, balsam and spruce are to be marked for removal.
8. Mark stand for maneuverability within the stand for logging operations to occur.
- 9.
- 10.

Access from Newberry: Stand 11, 16 - North on M-123 for ~4 miles to Co Rd 407. Take Co Rd 407 ~6 miles to CR 422. Turn west and go ~3/4 miles on CR 422. Stand 53: follow Co Rd 407 ~ 4.5 miles to CR 455.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
pre-work conference before field work begins	

CONTRACT WORK CAN BEGIN
 Immediately Date:
CONTRACT WORK MUST BE COMPLETED BY Date 07/16/2007

PAINT LINE WORK

This is included in the bid This is not included in the bid

Paint line work to be performed: (See attached map for locations)

TYPE OF LINE	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR	
Private boundary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Blue	<input type="checkbox"/> Other:
Sale boundary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Red	<input type="checkbox"/> Other:
Sale cutting unit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

Exclusions to mark and why

Standards for marking lines against private land

No private line work, all stand boundaries are against State land

AREA CALCULATION

This is included in the bid This is not included in the bid

UNIT	METHOD	STANDARD
Sale	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Payment Unit	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Stand	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	2 meters

Special Instructions:

The DNR must approve GPS unit(s). Contractor must provide the unit(s).

TIMBER CRUISING SPECIFICATIONS

This is included in the bid This is not included in the bid

Required Basal Area Factor: 10 20 Other:

Cruise Line Directions

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
		X
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

Unless otherwise specified, the tally sheets used must be those supplied by the Forest, Mineral and Fire Management Unit.

TIMBER MARKING SPECIFICATIONS

This is included in the bid This is not included in the bid

Precise specifications to be delineated at pre-work meeting with DNR staff

Total Residual BA (Basal Area): 80 (Minimum 70 to Maximum 90)

TREATMENT	NUMBER	SIZE
Regeneration Gaps Per Acre	1	1/5
Girdled Trees Per Acre		

PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	"X" and dots	12	10
Sawbolts			
Pulpwood	slash/dots on tally tree	6	4

TYPE OF WORK	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR
Trees marked to leave	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Green <input type="checkbox"/> Other
Trees marked to cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Orange <input type="checkbox"/> Other

TALLY INTENSITIES

SPECIES / PRODUCT	RATIO
All marked sawlogs (by species)	1 : 1
Individual hardwoods species/pulp	1 : 20
Aspen, balsam fir, spruce pulpwood (if any)	1 : 10
	1 :

SPECIES TO FAVOR

Promote diversity by leaving a component of yellow birch and/or beech (wildlife preferred)

SPECIES TO FAVOR

Good quality red maple and sugar maple

SPECIAL MARKING INSTRUCTIONS

Leave potential den or cavity trees. If nest trees are located, leave a minimum 1 chain buffer around nest and contact the Newberry Field Office for any additional requirements.

Beech Bark Disease is found on the beech trees throughout the stand. While marking, evaluate and mark beech that has been attacked by the beech scale disease but still has merchantable value.

Unless otherwise specified, the tally sheets used must be those provided by the Forest, Mineral and Fire Management Unit.

RESTRICTIONS

1. Forest, Mineral and Fire Management Division must to be able to identify who did what on the timber sale.
2. The contractor may not have more than two markers in one payment unit without prior approval.
3. Each marker should have an assigned area to mark (not strips).

PAINT

1. Call Newberry FMU at (906) 293 - 3293, to make arrangements for paint.
2. Paint will be supplied from (location).
3. Contractor's work schedule must coincide with the DNR work schedule for paint supply.
4. The DNR will not be available on weekends or evenings.

DELIVERABLES

1. A list of names that marked or cruised each payment unit.
2. A summary of paint used (in quarts).
3. Tally summaries for each payment unit (one summary, regardless of the number of markers) and all of the original tally sheets.
4. GPS files for any GPS work.