



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 122

LOCAL CONTACT

Name Keith Magnusson	Telephone (906) 293 - 3293 x4745
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Map of Project Area Attached

LEGAL DESCRIPTION

T45N R10W Section(s) 26,27 Description Sec 26: SWNW Sec 27: NE1/4, S1/2NW, E1/2SE

Year of Entry: 2007 Compartment(s):122 Stand Number(s): 16,19-22,24,26,27,30,33,35,36

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 299 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
16	M6	17	120	selection	northern hardwoods
19	M6	9	70	seed tree	northern hardwoods
20	M6	30	120	selection	northern hardwoods
21	M6	17	120	selection	northern hardwoods
22	M6	145	120	selection	northern hardwoods
24	M9	3	120	selection	northern hardwoods
26	M9	29	120	selection	northern hardwoods
27	M9	12	100	selection	northern hardwoods
30	M6	9	130	selection	northern hardwoods
33	M6	24	120	selection	northern hardwoods
35	M6	2	120	selection	northern hardwoods
36	M6	2	120	selection	northern hardwoods

PRESCRIPTION

1. Favor (leave) the best future crop tree in place, regardless of species.
2. Do not mark any white pine or hemlock. Also leave a pulpwood component of yellow/paper birch.
3. Aspen and balsam do not need to be marked, they are designated as a cut species.
4. Mark stand to improve maneuverability within the stand for logging operations to occur.
5. If hawk nests are discovered within the stand while marking, contact the Newberry Office.
6. Retain some den or cavity trees if present, or retain potential trees if not already present.
- 7.
- 8.
- 9.
- 10.

Access The entire area has very good access. The west portion work area is adjacent to County Road 405 and the remaining portion can be accessed via the Section 34 Road and two track forest roads.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
None	

CONTRACT WORK CAN BEGIN Immediately Date:**CONTRACT WORK MUST BE COMPLETED BY** Date 08/15/2007**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow <input checked="" type="checkbox"/> Other: Green
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

Exclusions to mark and why**Standards for marking lines against private land**

Must be within 10 feet of actual property line.

AREA CALCULATION This is included in the bid This is not included in the bid

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

Special Instructions:

Contractor must provide the GPS units. DNR must approve the GPS units.

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** To be discussed at pre-work meeting.

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
Stands 16,19,20 and 21		3 X 4
Stands 22, 24, 26, 27, 30, 33, 35 & 36		5 X 5
		X
		X
TOTAL NUMBER OF CRUISE POINTS	~153	

Cruise Special Instructions:

Cruise all marked hardwood pulp, all aspen and balsam. Exact plot center will be marked by placing a stick in the ground, flagged with ribbon marked with the corresponding plot number. Stands 16, 19, 20 and 21 will be a timber sale by itself and stands 22, 24, 26, 27, 30, 33, 35 and 36 will be a timber sale by itself. That is why there is a red timber sale boundary line between stands 21 and 22. It is also why there is the need for additional plots. Cruise each area with separate intensity (3x4 vs. 5x5). These items will be discussed at the pre-work meeting.

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 60 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	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
Mixed hardwood species of sawlog quality	1 : 1
	1 :
	1 :
	1 :

SPECIES TO FAVOR

Maintain stand diversity by leaving some beech, yellow birch, paper birch and black cherry.

SPECIAL MARKING INSTRUCTIONS

If stick nests are found, leave a minimum 1 chain buffer around the nest tree and contact the Newberry Unit Field Office to determine if any other actions need to be taken. 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.