



TIMBER SALE PRESCRIPTION

GENERAL

Date 5/2/2008	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable)	Sale Name (or prescription name) 401 Hardwoods

LOCAL CONTACT

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

LEGAL DESCRIPTION

T45N R09W Section(s) 19, 30 Description Sec 19: SENE, NESE, S1/2SE Sec 30: NENE

Year of Entry: 2009 Compartment(s):124 Stand Number(s): 9

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 85 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
9	M9	85	120	selection	northern hardwoods

PRESCRIPTION

1. Favor (leave) the best future crop tree in place, regardless of species.
2. Do not mark any WP, WSp, or hemlock. Also, leave a pulpwood component of yellow and p. birch.
3. Leave a pulpwood component of beech, black cherry.
4. Aspen and balsam fir do not need to be marked; they are designated as a cut species.
5. Mark stand to improve maneuverability within the stand for logging operations to occur.
6. Retain some den or cavity trees if present, or retain potential trees if not already present.
7. If stick nests are found leave a minimum 1 chain unmarked buffer around the nest tree and
8. contact the Newberry field office for additional requirements.
- 9.
- 10.

Access from M-123/M-28 junction in Newberry, head east ~ 2 miles to Co Rd 401 (across from Eagles Club). Go south on road ~1.5 miles, following the snowmobile trail route into hardwood stand.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
sale boundary and unit lines	09/30/2008
leave tree/retention aspen	09/30/2008

CONTRACT WORK CAN BEGIN

Immediately Date: 10/01/2008

CONTRACT WORK MUST BE COMPLETED BY Date 08/15/2009

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 type="checkbox"/>	<input type="checkbox"/> Blue	<input type="checkbox"/> Other:
Sale boundary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Red	<input type="checkbox"/> Other:
Sale cutting unit	<input type="checkbox"/>	<input 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

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 type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

Special Instructions:

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 the pre-work meeting.

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
stand 9	~0.7	~3 X 5
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS	~58	

Cruise Special Instructions:

Cruise all marked hardwood pulp, all aspen and balsam fir. Exact plot center will be marked by placing a stick in the ground, flagged with ribbon marked with corresponding plot number. If not much aspen and balsam fir are present, it may be counted by tally instead (see below). This can be discussed at the pre-work meeting.

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 Merchantable Residual BA (Basal Area): 80 (Minimum 60 to Maximum 90)

TREATMENT		NUMBER	SIZE
Regeneration Gaps Per Acre		1	1/5th
Girdled Trees Per Acre			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	"X" with 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 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 (by spp) of sawlog quality	1 : 1
Aspen/balsam fir	1 : 10
	1 :

SPECIAL MARKING INSTRUCTIONS

Maintain stand diversity by leaving some beech, yellow and paper birch, and black cherry. Allow for decking areas along snowmobile trail/trail road.

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 at (906) 293 - 3293, to make arrangements for paint.
2. Paint will be supplied from the Newberry Field Office.
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.