



# TIMBER SALE PRESCRIPTION

## GENERAL

Date 8/13/08	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable)	Sale Name (or prescription name) C100 Stands 5, 9, 14, 15, 16

## LOCAL CONTACT

Name Keith Magnusson	Telephone (906) 293 - 3293
Email Address magnussk@michigan.gov	FAX (906) 293 - 8530

Map of Project Area Attached

## LEGAL DESCRIPTION

T45N R12W Section(s) 2, 11 Description see attached Map

Year of Entry: 2009 Compartment(s):100 Stand Number(s): 5, 9, 14, 15 & 16

## THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 92 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
5	A6	35	80	Final Harvest	Aspen
9	Q5	16	60	Final Harvest	Lowland Conifer
14	A5	12	50	Final Harvest	Aspen
15	A6	18	80	Final Harvest	Aspen
16	F5	11	60	Final Harvest	Spruce/Fir

## PRESCRIPTION

1. Cruise out all species.
2. Only take Basal Areas on white pine, hemlock and cedar. They are not being cut.
3. If stick nests are found leave a minimum 1 chain unmarked buffer around the nest tree and
4. contact the Newberry field office for additional requirements.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

**Access** Proceed west from Newberry on M-28 to McMillan. Proceed past McMillan on M-28 approximately 3.25 miles and turn south on County Road 413. Turn west on County Road 454, proceed to work area.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Establish Center Section survey corner in Section 2	10/01/2008
Establish N 1/16 Corner in Section 11	10/01/2008

## CONTRACT WORK CAN BEGIN

Immediately  Date:

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 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 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**

Must be within a minimum of 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 meters
Payment Unit	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	2 meters
Stand	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

**Special Instructions:**

Contractor must supply their own GPS Units that are capable of downloading information to a PC.

**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 determined at pre-work meeting

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
Entire sale area	1	2 X 5
		X
		X
		X
<b>TOTAL NUMBER OF CRUISE POINTS</b>	~92	

**Cruise Special Instructions:**

Cruise all aspen, paper birch, mixed hardwood, spruce and balsam fir pulp; cruise both sawlogs and pulp for: paper birch, black cherry, red and sugar maple that may exist. Only record basal areas for any white pine, hemlock and cedar that fall on the cruise plot. These species are not being cut and are to be left as residual. Exact plot center will be marked by placing a stick in the ground, flagged with ribbon marked with the corresponding plot number. These items will 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): \_\_\_\_\_ (Minimum \_\_\_\_\_ to Maximum \_\_\_\_\_)

TREATMENT		NUMBER	SIZE
<b>Regeneration Gaps Per Acre</b>			
<b>Girdled Trees Per Acre</b>			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs			
Sawbolts			
Pulpwood			
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 type="checkbox"/> Orange <input type="checkbox"/> Other
TALLY INTENSITIES			
SPECIES / PRODUCT		RATIO	
		1 :	
		1 :	
		1 :	
		1 :	

**SPECIAL MARKING INSTRUCTIONS**

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 Keith Magnusson 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.