



# TIMBER SALE PRESCRIPTION

## GENERAL

Date 8/31/2011	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable) 42-001-12 & 42-004-12	Sale Name (or prescription name) Compartment 24 (Barking Dog Red Pine & Split It Now Pine)

## LOCAL CONTACT

Name Keith Magnusson	Telephone (906) 293 - 3293 x4745
Email Address magnussonk@michigan.gov	FAX (906) 293 - 8530

Map of Project Area Attached

## LEGAL DESCRIPTION

T49N R10W Section(s) 8 , 18 Description See Cover Type Map

Year of Entry: 2012 Compartment(s):24 Stand Number(s): 14 & 22

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

Estimated Acres: 210 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
14	Red Pine	85	110	Shelterwood	Red Pine
22	Red Pine	125	120	Shelterwood	Red Pine

## PRESCRIPTION

- In both stands 14 and 22, thin to 30-50 Basal Area. Remove all jack pine. Jack Pine will be Cruised out.
- Mark stands to enhance existing white/red pine regeneration as well as encouraging new growth.
- Mark stands to improve maneuverability/operability for logging operations to occur.
- Retain some den cavity trees if present.
- Leave oak and hemlock in all stands.
- If stick nests are found leave a minimum 1 chain unmarked buffer around the nest tree.
- Prescriptions will be talked about in more detail at the pre-work meeting.

**Access** Work area is near Perch Lake of northern Luce County. Proceed north of Newberry on M-123 to County Road 407. Take 407 towards Muskallonge State Park. There are several small two track leading from County Road 407 to work area. See cover type map.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
All sale boundary line work and payment unit line work is done.	Completed.

**CONTRACT WORK CAN BEGIN**  
 Immediately  Date:  
**CONTRACT WORK MUST BE COMPLETED BY** Date 07/01/2012

**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

N/A

**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

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
Stands 14 and 22		~4 X 4
		X
		X
		X
<b>TOTAL NUMBER OF CRUISE POINTS</b>		

Cruise Special Instructions:

- Cruise out all jack pine, spruce, balsam fir, aspen, paper birch and red maple. Cruise all of these species as pulp.
- Any other species present such as oak are being left as residual, no need to cruise. Take a residual basal area of species that are not to be cut.
- 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): 40 (Minimum 30 to Maximum 50)

TREATMENT		NUMBER	SIZE
Regeneration Gaps Per Acre			
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 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
red/white pine sawlogs	1 : 1
red/white pine pulp	1 : 20
	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 x4745, 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.