



# TIMBER SALE PRESCRIPTION

## GENERAL

Date 02/06/2008	Forest, Mineral and Fire Management Unit Gwinn
Timber Sale Number (if applicable) 32-004-08-01	Sale Name (or prescription name) Mumpower's Ridge

## LOCAL CONTACT

Name Kevin LaBumbard	Telephone (906) 346-9201 x 20
Email Address labumbak@michigan.gov	FAX (906) 346-9681

Map of Project Area Attached

## LEGAL DESCRIPTION

T45N R23W Section(s) 30 Description N1/2 NW

Year of Entry: 2008 Compartment(s): 4 Stand Number(s): 13

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

Estimated Acres: 35 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
13	M6	35	120	thinning	northern hardwoods

## PRESCRIPTION

1. Favor the best tree in place, strive for 50 crop trees per acre.
2. Reduce stand basal area to approximately 80.
3. Retain minor species component of the stand, ie w spruce, cedar, y birch, hemlock and pine.
4. Retain all large legacy trees, and a minimum of 2 wildlife trees per acre.
5. Mark in a manner that will accommodate modern mechanical equipment.
6. Contact the Gwinn Field Office for specific marking prescriptions prior to beginning work.
- 7.
- 8.

**Access** Poor. A several mile 4-wheeler ride required.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
All lines and GPS work done.	

## CONTRACT WORK CAN BEGIN

Immediately  Date: \_\_\_\_\_

**CONTRACT WORK MUST BE COMPLETED BY** Date 08/15/2008

**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**

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
		X
		X
		X
		X
<b>TOTAL NUMBER OF CRUISE POINTS</b>		

**Cruise Special Instructions:**

DNR will cruise pulpwood

**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 70 to Maximum 90)

TREATMENT		NUMBER	SIZE
Regeneration Gaps Per Acre			
Girdled Trees Per Acre			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	// & / with #8' logs	11.1"	9.0"
Sawbolts			
Pulpwood	dot or slash both sides	5"	4.0"

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
sawlogs	1 : 1
	1 :
	1 :

**SPECIAL MARKING INSTRUCTIONS**

Favor yellow birch and sugar maple. Do not mark large legacy trees.  
 Do not mark any yellow birch, white spruce, cedar, pine or hemlock.  
 Emphasis is on crop tree release. Pulpwood trees need a single slash or dot mark on bot sides of the tree at DBH. Sawlog trees need a double slash on one side, and a single slash plus a dot for each 8' log on the other side. Stump marks must hit the duff and be on bark, not moss.

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 Kevin LaBumbard at (909) 346 - 9201 x 20, 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.