



# TIMBER SALE PRESCRIPTION

## GENERAL

Date February 12, 2009	Forest, Mineral and Fire Management Unit Pigeon River MU
Timber Sale Number (if applicable)	Sale Name (or prescription name) Comp. 1 Contract Prep

## LOCAL CONTACT

Name Don Mittlesstat	Telephone (989) 983 - 4101
Email Address mittlesd@michigan.gov	FAX Number (989) 983 - 3957

Map of Project Area Attached

## LEGAL DESCRIPTION

T34N R1W Section(s) 19 Description S1/2NE; SWSE; SESW  
T34N R1W Section 30 Description NENW; NWNE

Year of Entry: 2009 Compartment(s):1 Stand Number(s): 1, 48 and 49

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

Estimated Acres: 72 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
1	A6	12	120	Final Harvest	Aspen
48	Q6	30	70	Final Harvest	Q
49	A5	30	60	Final Harvest	Aspen

## PRESCRIPTION

In stands 1 and 49 areas of retention must be left: approx. .5 acres for stand 1 and 1 acre for stand 49. These retention areas should be red lined and GPS'd.

In stand 48 clumps of 6 to 10 conifers must be marked to leave. There should be one clump per acre. Mark these leave trees with green paint at chest height and on the stump where it meets the ground.

Access See attached map.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE

## CONTRACT WORK CAN BEGIN

Immediately  Date:

CONTRACT WORK MUST BE COMPLETED BY Date August 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 checked="" type="checkbox"/>	<input type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Stand type line	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

**Standards for marking lines against private land** The Blue Paint line must be visible from the state side and easily seen from mark to mark.

**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	
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:**

Sale map is to be produced at a scale of one inch to the ¼ mile. Four inches equals a mile. The no mark areas in stands 1 and 49 must be GPS'd.

**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)
Stand 1, 48 and 49	1	Approx. 3 Chains X 3 Chains
<b>TOTAL NUMBER OF CRUISE POINTS</b>	Approx. 72	

**Cruise Special Instructions:**

Cruise plots will be taken one per acre. See attached for PRCMU cruising info.

**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 Residual BA (Basal Area):**

TREATMENT		NUMBER	SIZE
Regeneration Gaps Per Acre		0	
Girdled Trees Per Acre		0	
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Orange <input type="checkbox"/> Other

**TALLY INTENSITIES**

SPECIES / PRODUCT	RATIO
	1 :
	1 :
	1 :

**SPECIES TO FAVOR**

Not Applicable

**SPECIES TO Reduce**

None

**SPECIAL MARKING INSTRUCTIONS**

If a stick nest is encountered see the sale administrator for further 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.

**PAINT**

1. Call Don Mittlestat or Rick McDonald at (989) 983 - 4101, to make arrangements for paint.
2. Paint will be supplied from Pigeon River Country 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 all GPS work, which must be at a scale of 4 inches to the mile.

## Pigeon River Country Management Unit Timber Cruising Specifications

1. Cruise at rate specified in the Timber Sale Preparation Prescription. This will be determined after the acreage determination. See contract administrator for number of plots needed after acreage determination.
2. Use a 10-factor prism.
3. Use the product standards to determine products and heights of products. Refer to product standards.
4. Mark location of plots on the map, using plot number.
5. Determine the residual BA of trees left on plot.
6. Unless otherwise agreed to by the contract administrator and the contractor, plot center will be marked by a stake or stick firmly inserted in the ground ( not snow) with a ribbon attached to it at a height of not less than two feet above the ground, and labeled with the stand number and plot number. In addition ribbon at least 12 inches long must be attached to a tree closest to plot center.
7. All cruise sheets must have the compartment #, stand #, prism factor, date individual tree species, and the cruiser's name.