



# TIMBER SALE PRESCRIPTION

## GENERAL

Date December 10, 2008	Forest, Mineral and Fire Management Unit Pigeon River FMU
Timber Sale Number (if applicable)	Sale Name (or prescription name) RPP Phase II 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

T33N R1W Section 3 Description: N1/2; NESW; NESE  
T33N R1W Section 2 Description: NWNE

Year of Entry: 2001 Compartment(s):33 Stand Number(s): 29, 31, and 69

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

Estimated Acres: 100 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
29	R9	78	80	Shelterwood Seed	White Pine
31	R9	10	160	Shelterwood Seed	White pine
69	R9	12	100	Final Harvest	Northern Hardwoods

## PRESCRIPTION

In stands 29 and 31, Red and White Pine are to be marked to leave with green paint. Several no-cut retention islands are to be created in stands 29 and 31 too. The boundaries for these no-cut islands will be marked with red paint.

Stand 69 is to be clearcut but mark a group of 3 or 4 red or white pine leave trees, with green paint, approximately every two acres.

For all stands, cruise all timber not marked with green paint. No Aspen, Oak and Cherry are to be cruised. See special marking instructions.

**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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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:

**Exclusions to mark and why:** In stand 29 buffer West Hemlock Lake. In stands 29 create 6 no-cut areas approximately a 1/2 acre in size where no marking/cruising will take place. In stand 31 create 2 no-cut areas approximately 1/2 acre in size where no marking/cruising will take place. These no-mark areas should consist of older, bigger trees especially White Pine. The boundaries of these no mark areas must be painted with red paint.

**Standards for marking lines against private land**

Not applicable.

**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 1/4 mile. Four inches equals a mile. The no mark areas in stands 29 and 31 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 29, 31 and 69	1	Approx. 3 Chains X 3 Chains
<b>TOTAL NUMBER OF CRUISE POINTS</b>	Approx. 100	

**Cruise Special Instructions:**

Cruise all trees not marked with green paint. Do not cruise trees in no-mark areas. Do not cruise oak, aspen or cherry.

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):** For Stands 29 and 31; 30 (Minimum 20 to Maximum 40)  
For Stand 69 mark to be clearcut. (See special marking instructions for Stand 69 below.)

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Green <input type="checkbox"/> Other
Trees marked to cut	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Orange <input type="checkbox"/> Other

**TALLY INTENSITIES**

SPECIES / PRODUCT	RATIO
	1 :
	1 :
	1 :

**SPECIES TO FAVOR**

White Pine

**SPECIES TO Reduce**

None

**SPECIAL MARKING INSTRUCTIONS**

For stand 69: Approximately every two acres mark a group of 3 or 4 red or white pine trees to leave. If white pine is present mark those first. Green paint will be used for marking these trees.  
For stands 29 and 31: Green paint will be used to mark leave trees. The no-mark areas for these two stands should be GPS'D and have the boundaries marked with red paint.  
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.
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 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.

Pigeon River Country Management Unit  
Timber Cruising Specifications  
Phase II RPP

1. Cruise at rate specified in the Timber Sale Preparation Prescription
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. 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 24 inches long must be attached to a tree closest to plot center.
6. All cruise sheets must have the compartment #, stand #, prism factor, date, individual tree species for pulp and sawlogs, and the cruiser's name.