



# TIMBER SALE PRESCRIPTION

GENERAL	
Date 4/2/08	Forest, Mineral and Fire Management Unit Gaylord
Timber Sale Number (if applicable)	Sale Name (or prescription name) Compartment 142 RPP

LOCAL CONTACT	
Name Shannon Harig	Telephone (231) 238 - 9314 ex: 4742
Email Address Harigs@michigan.gov	FAX (231) 238 - 6757

**Map of Project Area Attached**

LEGAL DESCRIPTION
T35N R03W Section(s) 28 & 33 Description <b>Sec. 28</b> - S1/2SE, SESW. <b>Sec. 33</b> - N1/2NE, NENW.

Year of Entry: 2005 Compartment(s):142 Stand Number(s): 1, 2, 4, 5, 7, 8, 9, 11, 12, 13, 15, 102, 104 and 105.

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE
Estimated Acres: 110 Source: <input checked="" type="checkbox"/> OI <input type="checkbox"/> GPS <input type="checkbox"/> Other _____
Payment will be made on the basis of these estimated acres.

TREATMENT & OBJECTIVE					
STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
1	R6	11	110	Final Harvest	Red Pine
2	J5	34	50	Final Harvest	Red Pine
4	R6	7	130	Final Harvest	Red Pine
5	R6	7	80	Final Harvest	Red Pine
7	R6	9	170	Final Harvest	Upland Brush
8	R4	5	30	Final Harvest	Red Pine
9	R6	5	120	Final Harvest	Red Pine
11	R6	4	110	Final Harvest	Upland Brush
12	R4	5	20	Final Harvest	Red Pine
13	R6	5	130	Final Harvest	Red Pine
15	R9	2	220	Final Harvest	Red Pine
102	J5	3	50	Final Harvest	Upland Brush
104	R6	5	130	Final Harvest	Upland Brush
105	R6	8	80	Final Harvest	Upland Brush

PRESCRIPTION
1. All stands are prescribed for final harvest.
Access See project map.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Private boundary	5/2/08
CONTRACT WORK CAN BEGIN	
<input checked="" type="checkbox"/> Immediately <input checked="" type="checkbox"/>	
CONTRACT WORK MUST BE COMPLETED BY September 19, 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 checked="" type="checkbox"/>	<input type="checkbox"/> Blue	<input type="checkbox"/> Other:
Stand boundary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Red	<input type="checkbox"/> Other:
Sale cutting unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Retention	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Green	<input checked="" type="checkbox"/> Other: Red

**Stand Boundaries**

All stand boundaries should be run as individuals except Stands 1, 2, 4, 102 and 104 which can be combined and painted as one.

**Exclusions to mark and why**

In **Stand 1**, leave 12 clumps of 3-5 trees evenly distributed across the extreme south edge of stand. In **Stand 2**, leave a total of 1.25 acres in scattered islands approximately 0.25 acre in size on the extreme south edge of stand. In **Stand 7 & 105**, leave 2 clumps of 3 - 5 trees per stand. In **Stand 11, 102 & 104**, leave 1 clump of 3 - 5 trees per stand.

**Standards for marking lines against private land**

None

**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 checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Stand	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

**Special Instructions**

Must provide the contract administrator with a GPS file (traverse) and acreage for **all stands** and retention areas. Stands with individual marked trees for retention do not need GPS traverse data for leave clumps (**Stands 1, 7, 11, 102, 104 & 105**). Instead, a GPS point should be taken to reflect these locations. Also, provide a GPS file with payment unit lines (yellow) splitting **Stands 1, 2, 4, 102 & 104** into approximately 2 equal size units running east - west.

**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    E/W

**TIMBER CRUISING SPECIFICATIONS**

TIMBER CRUISING SPECIFICATIONS	NUMBER OF PLOTS	SPACING (CHAINS)
Stand 1	11	3.25 X 3.0
Stand 2	34	3.25 X 3.0
Stand 4	7	3.25 X 3.0
Stand 5	7	3.25 X 3.0
Stand 7	9	3.25 X 3.0
Stand 8	5	3.25 X 3.0
Stand 9	5	3.25 X 3.0
Stand 11	4	3.25 X 3.0
Stand 12	5	3.25 X 3.0
Stand 13	5	3.25 X 3.0
Stand 15	2	3.25 X 3.0
Stand 102	3	3.25 X 3.0
Stand 104	5	3.25 X 3.0
Stand 105	8	3.25 X 3.0
<b>TOTAL NUMBER OF CRUISE POINTS</b>	110	

**Cruise Special Instructions**

Cruise all species separately. Cruise data is to be separated by stand and payment unit. Note that the total number of plots will depend on the actual GPS stand acreage.

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
Regeneration Gaps Per Acre			
Girdled Trees Per Acre			
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 checked="" type="checkbox"/>	<input 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 :
	1 :

**SPECIAL MARKING INSTRUCTIONS**

N/A

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 Shannon Harig at (231) 238 - 9314 ext. 4742, to make arrangements for paint.
2. Paint will be supplied from Indian River 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.