



# TIMBER SALE PRESCRIPTION

GENERAL	
Date 9/21/11	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable)	Sale Name (or prescription name) Compartment 35

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 R9&10W	Section(s)	R9W-Sec. 30,31 R10W-Sec. 24,25,36	Description See Maps

Year of Entry: 2012    Compartment(s): 35    Stand Number(s): 2, 29, 31, 46 & 51

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

Estimated Acres: 752    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
2	Jack Pine	72		Cl.Cut w/Reserves	Jack Pine
29	Aspen	11		Cl.Cut w/Reserves	Aspen
31	Jack Pine	236		Cl.Cut w/Reserves	Jack Pine
46	Aspen	21		Cl.Cut w/Reserves	Aspen
51	Jack Pine	412		Cl.Cut w/Reserves	Jack Pine

PRESCRIPTION
<ol style="list-style-type: none"> <li>Cruise all species in all stands.</li> <li>In stand 2, leave scattered red and white pine along east/west ridge in center of stand (~10 BA), leave buffers along lowland type on south end of stand, keep red line on top of ridge on east side of stand.</li> <li>In stand 29, leave some scattered maple clumps as they exist, leave 1 mature aspen/acre.</li> <li>In stand 31, leave ~ 10BA of red and white pine as well as large mature aspen.</li> <li>In stand 46, leave some scattered mature aspen (~1/acre) as well as some conifer (~1/acre).</li> <li>In stand 51, leave ~10BA of residual trees. Leave some large white pine and aspen (particularly in the north end of stand) as well as some spruce and fir. Leave uncut residual pockets on areas with steep slopes or wet areas.</li> <li>Above prescription will be discussed at the pre-work conference.</li> <li></li> <li></li> </ol>

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
None	

**CONTRACT WORK CAN BEGIN**

Immediately     Date:

**CONTRACT WORK MUST BE COMPLETED BY**    Date 7/1/12

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Other: Green
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

**Exclusions to mark and why**

In stand 51, leave uncut residual pockets on areas with steep slopes or wet areas. These areas are to be painted with red paint.

**Standards for marking lines against private land**

Must be within a minimum of 10 feet of actual property line.

**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	2 meters
Payment Unit	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	2 meters
Stand	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

**Special Instructions:**

Contractor must supply their own GPS Units that are capable of downloading information to a computer.

**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 2		3 X 5
Stands 29 and 31		4 X 5
Stands 46 and 51		5 X 5
		X
<b>TOTAL NUMBER OF CRUISE POINTS</b>		

**Cruise Special Instructions:**

- Cruise stands by species and products per DNR standards.
- Cruise all species present except for trees designated to be left as residual, only record basal areas for these species.
- Trees marked with green paint will be left as residual as well as all hemlock, oak and yellow birch.
- 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): \_\_\_\_\_ (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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 :
	1 :

**SPECIAL MARKING INSTRUCTIONS**

- In stand 2, leave scattered red and white pine along east/west ridge in center of stand (~10 BA).
- In stand 29, leave some scattered maple clumps as they exist, leave 1 mature aspen/acre.
- In stand 31, leave ~ 10BA of red and white pine as well as large mature aspen.
- In stand 46 leave some scattered mature aspen (~1/acre) as well as some conifer (~1/acre).
- In stand 51, leave ~10BA of residual trees. Leave some large white pine and aspen (particularly in the north end of stand) as well as some spruce and fir.

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.