



TIMBER SALE PRESCRIPTION

GENERAL	
Date 08/23/2011	Forest, Mineral and Fire Management Unit Sault Ste. Marie
Timber Sale Number (if applicable)	Sale Name (or prescription name) C31 St 4, 8, 64, 71

LOCAL CONTACT	
Name Jeff Wise	Telephone (906) 635 - 5281 ext 2
Email Address wisej@michigan.gov	FAX (906) 635 - 5282

Map of Project Area Attached

LEGAL DESCRIPTION	
T42N R1W	Section(s) 15, 23 Description 15-SE1/4, NESW, S1/2NE 23-NE1/4, NESE

Year of Entry: 2012 Compartment(s):31 Stand Number(s): 4, 8, 64, 71

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 179 Source: OI GPS Other IFMAP

Payment will be made on the basis of these estimated acres.

TREATMENT & OBJECTIVE					
STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
4	M9	16	130	Selection	Northern Hardwoods
8	M9	80	130	Selection	Northern Hardwoods
64	M9	73	150	Selection	Northern Hardwoods
71	M9	10	150	Selection	Northern Hardwoods

PRESCRIPTION	
<ol style="list-style-type: none"> 1. Select cut to a residual Basal Area of 80 sq ft. 2. Mark to leave best tree in place. 3. Crown thin to 7 feet around crop trees. 4. Thin under and around any red oak. 5. Mark out approx. one regeneration gap per acre. 6. Do not mark oak, hemlock, yellow birch, cedar, or pine. 7. Mark to target beech with Beech Bark Disease. 8. Do not mark large "wolfy" beech or beech that appear to be disease resistant. 9. 10. 11. 	
<p>Access -East side from M-129 and Linderman Rd, West side from Three Mile Rd at Lindberg Airport.</p>	

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Boundary against private property will be established by DNR.	01/01/2012

CONTRACT WORK CAN BEGIN

Immediately - Some paint line and marking work can be done before the private boundary is established with permission of DNR inspector.

CONTRACT WORK MUST BE COMPLETED BY Date 08/31/2012

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 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

Do not mark oak, hemlock, yellow birch, cedar, pine, and a few large beech. Units should be approx. 40 acres in size give or take.

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
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

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		1	100ft
Girdled Trees Per Acre			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	orange slash w/dot	11.5	10
Sawbolts			
Pulpwood	orange slash	5.5	

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
Pulp	1 : 20
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Mark all trees to be cut with orange slash on two sides with dot tally for number of logs per tree. Mark only red and sugar maple, beech, and mature aspen clones, (do not mark individual aspen). Paint red boundaries around any cedar/hemlock groves, and low/wet areas for retention.

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 Jeff or Jason at (906) 635 - 5281, to make arrangements for paint.
2. Paint will be supplied from Sault Ste. Marie.
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.