



TIMBER SALE PRESCRIPTION

GENERAL

Date 11/29/11	Forest, Mineral and Fire Management Unit Sault Ste. Marie
Timber Sale Number (if applicable)	Sale Name (or prescription name) C8 St 37

LOCAL CONTACT

Name Jason Caron	Telephone (906) 635 - 5281
Email Address caronj1@michigan.gov	FAX (906-) 635 - 5282

Map of Project Area Attached

LEGAL DESCRIPTION

T42N R6E Section(s) 27 Description see map

Year of Entry: 2012 Compartment(s):8 Stand Number(s): 37

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 149 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
37	M9	149	81-110	selection	Northern hardwoods

PRESCRIPTION

1. Mark trees to be cut to 80 square feet Basal Area residual.
2. Do not mark oak, yellow birch, basswood or any softwoods.
3. Leave best tree in place in marking units, regardless of species.
4. To lower basal area focus on beech. See "special marking instructions" below.
5. Marked trees should focus on Crop Tree Release.
6. Some larger diameter trees should be retained for wildlife.
7. Leave obvious nest or den trees. Snags and poor health trees should be retained for wildlife.
- 8.
- 9.
- 10.

Access Drummond Island, head East on M-134 to E. Neven's Road. East Neven's Road contains some wet areas and is rough. Parking on Neven's road and using a 4 wheeler to mark the sale is recommended.

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 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

South boundary of sale will be the ORV trail that runs SW/NE (see map for details). East side of sale will adjoin previous state land hardwood thinning.

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

Special Instructions:

One payment unit will have to be marked with green paint, the others will be divided with the ORV trails and require no paint. Contractor is to split the SW corner into two payment units, unit line will run East/West and should roughly split the unit in half (see map). The sale boundary and the green paint line must be GPS'd for acreage calculation. Payment units must be tallied on separate cards to determine individual unit volumes. Contract administrator will discuss unit boundaries.

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	1/10 th acre
Girdled Trees Per Acre			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	An "X" w/ dots	12	10
Sawbolts			
Pulpwood	two slashes	5	4

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

TALLY INTENSITIES	
SPECIES / PRODUCT	RATIO
Hardwood pulp	1 : 25
Hardwood logs	1 : 1
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Mark to cut with orange paint. Mark log trees with an X on both sides of the tree and paint dots per log. Mark pulp with a slash on both sides of the tree, however paint dots per stick on tallied pulp.

Beech Bark Disease has been found in adjacent stands and may be present throughout the treatment area. Rough barked Beech and trees with the disease shall be marked for removal. Retain at least 3-4 beech per acre, especially the smooth barked trees or trees that do not have beech scale on them.

Stump marks shall be a vertical paint slash extending to the ground.

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 the Sault Ste Marie 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.