

**Timber Sale Preparation Prescription
General**

Date: 08/12/2002

Forest Management Unit: Baraga

Timber Sale Number: **11-015-03-01** Sale Name: **Otter Road North Hdwd**

Local Contact: Don Mankee Tx (906) 353-6651 FAX : (906) 353-7464

email: mankeed@michigan.gov

Map of Project Area Attached

Legal Description:

T51N R36W Section(s) 21 Description SE/4, S/2SW

Year of Entry: 2003 Compartment(s):48 Stand Number(s): 16, 17, 18, 21

This timber sale preparation contract is based on the following acreage:

Estimated Acres: 162 source OI GPS Other

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

Treatment & Objectives:

Stand nbr	Cover Type	Acres	BA / Acre	Treatment	Management Objective
16	M6	46	120	Selection	Northern hardwoods
17	M6	68	110	Selection	Northern hardwoods
18	M6	10	110	Selection	Northern hardwoods
21	M9	38	110	Selection	Northern hardwoods

Prescription:

1. Mark trees to be cut. Favor the best future crop tree in place, regardless of species. Mark merchantable aspen and balsam fir. Leave den and nest trees. Favor cull trees for wildlife (especially along type edges). The objective is to grow trees to a 22 inch DBH.

2.

3.

4.

Access: Off Otter Siding Road.

DNR preparation work to be done prior to contract work:

Estimated date:

Corners are in.	

Contract work can begin:

Immediately

Date:

Contract work must be completed by: Date 09/15/03

Line work and GPS work must be completed by: Date 06/01/03

Paint Line Work

This is bid item

This is not a bid item

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	Other:
Sale boundary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Red	Other: Green
Sale cutting unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow	Other: Red
Stand type line	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other:
Trees marked to leave	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Green	Other:
Trees marked to cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Orange	Other:

Exclusions to mark and why: None
Standards for marking lines against private land: N/A.

Area calculation:

Unit	Method	Standard	
Sale	GPS	2 meters	
Payment unit	GPS	2 meters	
Stand			

Special Instruction: A GPS file of all lines in the sale must be generated and provided the DNR. DNR must approve all GPS units. Contractor must furnish GPS units. Contractor must provide units. Sale must be divided into logical payment units of 40 to 50 acres each. (DNR must approve). All lines must also be flagged, DNR provides flagging.

Timber Cruising Specifications

This is a bid item
 This is not a bid item
Required Basal Area Factor: 10 20 Other:

Cruise Line Direction:

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 use must be those supplied by the Management Unit.

Timber Marking Specifications

This a bid item
 This is not a bid item
 Precise specifications to be delineated at pre-work meeting with DNR staff.

Total Residual BA (Basal Area): 80[Minimum 70 to Maximum 90]

Treatment	Number	Size
Regeneration gaps per acre	1	1/5 acre
Girdled Trees per acre	0	

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	Marking symbol	Minimum DBH	Top DIB
Sawlogs	slash, dots	10	8
Sawbolts			
Pulpwood	slash	6	4

Tally intensities

Species / product

Ratio:

Sawlogs	1 : 1
Aspen	1 : 10
Softwood pulp	1 : 10
Hardwood pulp	1 : 20

Species to favor: Best tree in place

Species to reduce:None

Special Marking Instructions

Stump marks must be vertical extending to the ground. Cut marks shall be at least six feet above the ground and marked on both sides of the tree. Mark dots for each 8 foot sawlog product.

Unless otherwise specified, the tally sheets used must be those provided by the Management Unit.

Restrictions: We wish to be able to identify who did what on our sales. You may not have more than two markers in one payment unit without approval. Each marker should have an assigned area to mark (not strips).

Paint: Call Don Mankee to make arrangements for all paint pick up. Paint will be supplied from (location) Baraga. Contractors work schedule must coincide with the DNR work schedule for paint supply. The DNR will not be available on weekends or evenings.

Deliverables:

1. A list of who marked (cruised) each payment unit (names)
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 done.
