

Timber Marking Prescription General

Date: 08/19/2002

Forest Management Unit: Crystal Falls

Timber Sale Number 120530301 Sale Name C41 Consultant

Local Contact: Debbie Begalle Tx (906) 875-6622 FAX : (906) 875-3336

email: begalled@michigan.gov

Map of Project Area Attached

Legal Description:

T43N R29W Section(s) 1 Description N1/2SE & S1/2 NE; Section 11, SESE; Section 12, SWSW; Section 14, NENE

Year of Entry: 2003 Compartment(s):41 Stand Number(s): 8, 22, 44, 45 & 46

This timber sale preparation contract is based on the following acreage: 93

Estimated Acres: 93 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
22	M6	60	120	Thinning	M6
8	R6	12	220	Thinning	R6
44	R6	6	220	Thinning	R6
45	R6	6	220	Thinning	R6
46	R6	9	220	Thinning	R6

Prescription:

1. In M6 stand thin to 85 sq. ft. of basal area. In R6 stand thin to 120 sq. ft. of BA
2. Maintain stand diversity of species and sizes
3. Where possible leave 2 aspen and 2 den trees per acre
4. Make regeneration openings when removing large mature trees

Access: Red pine is along the Turner Road where the ELF line crosses. Hardwood is north of the Turner Road via a poor dirt road

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 8/15/2003

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Blue	Other:
Sale boundary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Red	Other:
Sale cutting unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yellow	Other:
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: No oak, cedar, pine or hemlock will be marked. No marking in hemlock clumps

Standards for marking lines against private land: N/A

Area calculation:

Unit	Method	Standard
Sale	GPS	
Payment unit		
Stand		

Special Instruction: Payment unit line locatiosn shall be GPS'd

Timber Cruising Specifications

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

Cruise Line Direction: Across marking lines

Cruising Units	Number of plots per acre	Spacing (chains)
4	1	2 X 5
		X
		X
		X
Total Number of Cruise Points	93	

Cruise Special Instructions:

Species cruised will be mixed hardwood, basswood, white birch, aspen, red pine & mixed softwood.

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): [Minimum to Maximum] Hardwood 80-90 sq. ft.
Red pine 120 sq. ft.

Treatment	Number	Size
Regeneration gaps per acre	Where needed	As needed
Girdled Trees per acre	None	

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	Marking symbol	Minimum DBH	Top DIB
Sawlogs	Slash with dot/8'	12"	10"
Sawbolts			
Pulpwood	Slash	5"	4"

100% tally sawlogs

Tally intensities

Species / product

Ratio:

Hard maple	1 : 1
Basswood	1 : 1
Mixed hardwood	1 : 1
White birch	1 : 1
Red pine	1 : 1

Species to favor: Black cherry, yellow birch and white ash

Species to reduce: Hard maple

Special Marking Instructions

Mark on 2 opposite sides of the tree at DBH with a stump mark. Facing trail road

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 Debbie Begalle to make arrangements for all paint pick up. Paint will be supplied from (location) Crystal Falls or Felch. 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.
