



TIMBER SALE PRESCRIPTION

GENERAL

Date 01/07/2009	Forest, Mineral and Fire Management Unit Sault Ste Marie
Timber Sale Number (if applicable) various	Sale Name (or prescription name) C 152

LOCAL CONTACT

Name Karen Rodock	Telephone (906) 477-6048
Email Address rodockk@michigan.gov	FAX (906) 477-6864

Map of Project Area Attached

LEGAL DESCRIPTION

T44N R07W Section(s) 12 Description E1/2W1/2

Year of Entry: 2002 Compartment(s):152 Stand Number(s): 5 & 8

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 80 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
5	R9	77	140	Final Harvest	plant red pine
8	M6	3	140	Final Harvest	Plant red pine

PRESCRIPTION

1. For red and blue lines, paint sub-merchantable or non-red pine trees when possible.
2. See attached Cruising Prescription document for specific instructions for each unit.
3. Stand will be split payment units by green paint lines.
4. See attached maps and contract narrative document for payment unit boundary locations.
5. Paint blue line along the private property line on the east side of the E1/2SE.
6. Pre sale conference required before beginning work on contract.
- 7.

Access Use Dinkey Line

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date August 1, 2009

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

Exclusions to mark and why

Mark boundary around stand 10.

Standards for marking lines against private land

Within 10 feet of actual line. Witness trees must be marked with a blue paint circle around the whole tree. The private lines along unit 3 may have old paint line which will need to be repainted.

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	Provide SSF or SHP file
Payment Unit	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	Provide SSF or SHP file
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 east - west

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
1-3	1 plot/acre	3 chains X 3 chains
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

USE 20 BAF PRISM. Cruise by species. Tally total trees and total sticks at each plot. For sawlogs, tally total sawlog trees and total sawlog sticks at each plot. In the field, leave a stick with ribbon marking the plot center and a ribbon at/above eye level with plot number. Mark each plot location on map.

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 type="checkbox"/>	<input type="checkbox"/>	<input 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

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 Karen Rodock at (906) 477 - 6048, to make arrangements for paint.
2. Paint will be supplied from either Newberry or Naubinway.
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.

CRUISING PRESCRIPTION

Site Name: RPP Compartments 152 Marking Contract Red Pine Final Harvest

Description: T44N R07W Sections 12

Comp: 152

Stand: 5, 8

Units 1, 2 & 3

Tasks: Cruise: Yes Estimated Acres: 80

Cutting Boundary Lines: Yes Estimated Chains:

Payment Boundary Lines: Yes Estimated Chains:

Property Boundary Lines: Yes Estimated Chains:

Area Determination: Yes, GPS Estimated Acres: 80

Stand Description: Red pine pulp and sawlogs.

Management Objective: plant to red pine.

Cruising Prescription:

Cruising Units 1 - 3

BA Factor 20

Estimated Total # of Points 80

Points per Payment Unit 26 plots - Unit 1, 28 plots - Unit 2, 26 plots – Unit 3

Point Spacing (chains) 3 X 3

Cruise Direction east - west

Cruise by Payment Unit Yes

Computer Stand # Entry N/A

**Cruise Following Species for Sawlogs and Pulp (sawlogs are cruised to an 11” DOB Scribner):
Red Pine and White Pine.**

Cruise All Other Species for Pulpwood Only: Yes

Other Factors:

- 1. The sale boundary line will be painted in red as shown on map and blue paint along the private property line and provide a gps file for the locations and acreage.**
- 2. Unit lines will be painted using green paint on both sides of the line and gps file must be provided for the line location.**
- 3. Survey corner witness trees must be marked with blue paint ring around the tree and NBT.**