



TIMBER SALE PRESCRIPTION

GENERAL

Date 02/06/2008	Forest, Mineral and Fire Management Unit Gwinn
Timber Sale Number (if applicable) 32-021-08-01	Sale Name (or prescription name) Werner Bridge Sale

LOCAL CONTACT

Name Jerry Mohlman	Telephone (906) 346-9201 x 21
Email Address mohlmang@michigan.gov	FAX (906) 346-9681

Map of Project Area Attached

LEGAL DESCRIPTION

T44N R22W Section(s) 33, 34 Description 33-SESE, NESE; 34-NWSW, NESW, NWSE, SWNE, SENW

Year of Entry: 2008 Compartment(s): 93, 92 Stand Number(s): C92 st 73; C93 st 78, 79

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 69.2 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
73	M6	2	110	thinning	northern hardwood
78	M6	53.6	110	thinning	northern hardwood
79	M6	13.6	110	thinning	northern hardwood

PRESCRIPTION

1. Favor best tree in place, strive for 50 crop trees per acre.
2. Reduce basal area to approximately 80.
3. Do not eliminate any species.
4. Retain wildlife trees, at least two per acre.
5. Mark in a manner that will accommodate modern mechanical equipment.
6. Contact the Gwinn office for specific marking prescriptions prior to beginning work.
- 7.
- 8.
- 9.
- 10.

Access Deadhorse road south end of Thornton road in Diffin to Bridge. Walk from Deadhorse Road.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
All lines and GPS work done.	02/03/2008

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date 08/15/2008

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Red	<input type="checkbox"/> Other:
Sale cutting unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Stand type line	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other:

Exclusions to mark and why

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:

DNR personnel will cruise pulpwood.

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			
Girdled Trees Per Acre			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	// & / with #8' ;logs	11.1" dbh	9.0"
Sawbolts			
Pulpwood	dot or slash both sides	5"	4"

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
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Favor sugar maple
Do not cut more than 50% each of the yellow birch, cherry or spruce. Do not mark any cedar, hemlock or pine.
Emphasis is on crop tree release. Pulpwood trees need a spot or slash on both sides of the tree at breast height. Sawlog trees need a double slash on one side, and a single slash plus a spot for each 8' sawlog on the opposite side at breast height. Stump marks must hit the duff and be on the bark, not moss.

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 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 Jerry Mohlman at (906) 346 - 9201 x 21, to make arrangements for paint.
2. Paint will be supplied from (location).
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.