



TIMBER SALE PRESCRIPTION

GENERAL

Date 02/06/2012	Forest, Mineral and Fire Management Unit Gwinn Unit
Timber Sale Number (if applicable)	Sale Name (or prescription name) Lathrop Hardwoods

LOCAL CONTACT

Name Kevin LaBumbard	Telephone (906) 346 - 9201
Email Address labumbardk@michigan.gov	FAX (906) 346 - 9681

Map of Project Area Attached

LEGAL DESCRIPTION

T44N R23 Section(s) 34 E1/2NE Description

Year of Entry: 2012 Compartment(s):11 Stand Number(s): 31

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 50 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
31	M6	50	70-90	Selection	Northern hardwoods

PRESCRIPTION

1. Favor best tree in place-strive for 50 to 70 crop trees per acre.
2. Reduce basal area to 70 to 90 with 2-4 canopy gaps per acre.
3. Retain minor species components of the stand (ie. y. birch, cherry)
4. Do not mark hemlock, cedar, white pine or super canopy white spruce.
5. Mark in a manner that will accommodate mechanical harvesting.
6. Retain large legacy trees if present and 2 to 4 wildlife trees per acre (cavity and den trees).
7. Contact the Gwinn contract administrator for specific instructions prior to beginning.
- 8.
- 9.
- 10.

Access Very good in dry conditions. Contact sale administrator for private gate key.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
All line and GPS work done.	02/02/2012

CONTRACT WORK CAN BEGIN

Immediately Date: 04/15/2012

CONTRACT WORK MUST BE COMPLETED BY Date 08/15/2012

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 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 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		2-4	30' -40'
Girdled Trees Per Acre			
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB
Sawlogs	double slash *see below	11.1"	10"
Sawbolts			
Pulpwood	single slash or dot	4.6"	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
All sawlogs	1 : 1
	1 :
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Favor the best tree in place with emphasis on sugar maple, cherry, yellow birch. Retain most of the crop tree quality cherry and yellow birch removing entire crown competition. Emphasis is on crop tree release. Pulp trees need a single slash or dot on both sides of the tree (opposite faces) above breast height. Sawlog trees will have a double slash on one side, and a single slash plus a dot for each 8 foot log tallied on the opposite side above breast height. Stump marks will extend from the ground up the stump at least 6 inches and be on bark, not moss or lichen. The trees will not be marked when the bark is wet.

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 Kevin LaBumbard at (906) 346 - 9201, to make arrangements for paint.
2. Paint will be supplied from (the Gwinn field 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.