



## TIMBER SALE PRESCRIPTION

### GENERAL

Date 9/19/2011	Forest, Mineral and Fire Management Unit Gladwin Management Unit
Timber Sale Number (if applicable) 73-001-12-01	Sale Name (or prescription name) Plains Knight Oak

### LOCAL CONTACT

Name Steven Nyhoff	Telephone (989) 426 - 9205 Ext. 7642
Email Address Nyhoffs@michigan.gov	FAX (989) 426 - 1454

**Map of Project Area Attached**

### LEGAL DESCRIPTION

T20 & 19N R5E Section(s) 29,32 & 5 Description See attached map for stand locations

Year of Entry: 2012 Compartment(s):134 Stand Number(s): 13, 38, 42, 47, 54, & 57

### THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 127 Source:  OI  GPS  Other IFMAP

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

### TREATMENT & OBJECTIVE

STAND #	COVER TYPE	ACRES	BA	TREATMENT	MANAGEMENT OBJECTIVE
13	O5	39	60	Seed Tree w/ reserves	Oak
38	O6	7	70	Seed Tree w/ reserves	Oak
42	O6	27	70	Seed Tree w/ reserves	Oak
47	O5	18	40	Clearcut w/ reserves	Oak
54	O5	28	40	Seed Tree w/ reserves	Oak
57	A5	8	40	Clearcut	Aspen

### PRESCRIPTION

- Stands 13, 42, and 54;** Mark with green paint to retain 20 BA/AC. Favor the retention of oak and pine.
- Stand 38;** Mark with green paint to retain 10 BA/AC. Favor the retention of oak.
- Stand 47;** Mark with green paint to retain 2 trees/AC for mast, dens, and seed trees. Favor the retention of oak.
- Stand 57:** Final harvest only the boundary needs marked.

**Access:** Mia Tyler Plains Road, Knight Road and various other two-tracks.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Blue boundary line in stand 42 will be painted by DNR Staff	1/1/2012

### CONTRACT WORK CAN BEGIN

Immediately  Date:

**CONTRACT WORK MUST BE COMPLETED BY** Date **06/30/2012**

**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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Stand type line	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Red	<input type="checkbox"/> Other:

Exclusions to mark and why

Standards for marking lines against private land  
N/A

**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	PDOP ≤ 3
Payment Unit	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Stand	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	PDOP ≤ 3

**Special Instructions:**

Contractor must GPS all, stands separately. Contractor must also provide a GPS file and hard copy of each stand printed at a scale of 1:15840. See map for location and color of lines to be GPS'd

**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
<b>TOTAL NUMBER OF CRUISE POINTS</b>		

Cruise Special Instructions:

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):**

- **Stands 13, 42, and 54;** 20 BA (minimum 10 to maximum 30). Favor the retention of oak and pine.
- **Stand 38;** 10 BA (minimum 0 to maximum 20). Favor the retention of oak.
- **Stand 47;** 2 trees/AC for mast, dens, and seed trees. Favor the retention of oak.
- **Stand 57:** Final harvest only the boundary needs marked.

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	PAIN T COLOR
Trees marked to leave	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Green <input type="checkbox"/> Other
Trees marked to cut	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Orange <input type="checkbox"/> Other

TALLY INTENSITIES	
SPECIES / PRODUCT	RATIO
N/A	1 :
	1 :
	1 :
	1 :

**SPECIAL MARKING INSTRUCTIONS**

All marking must be visible for all sides. Marker must mark each tree at stump height and on the stump at ground level.

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 Steven Nyhoff at (989) 426 - 9205 Ext. 7642, to make arrangements for paint.
2. Paint will be supplied from Gladwin 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.