

Timber Marking Prescription Template General

Date: 08/29/2002

Forest Management Unit: Gwinn

Timber Sale Number 32-007-03-01 Sale Name McFarland Hardwoods

Local Contact: John Koski Tx (906) 346-9201 FAX : (906) 346-9681 email: Koskij@michigan.gov

Map of Project Area Attached

Legal Description:

T44N R23W Section(s) 06 Description SWSE; Section 07, NESE, S1/2 S1/2; Section 18, N1/2 N1/2, W1/2 W1/2

Year of Entry: 2003 Compartment(s):05 Stand Number(s): 19, 24, 37, 53, 63

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

Estimated Acres: 49 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 |
|-----------|------------|-------|-----------|-----------|----------------------|
| 19 | M6 | 4 | 120 | Selection | Northern Hardwoods |
| 24 | M6 | 22 | 140 | Selection | Northern Hardwoods |
| 37 | M6 | 12 | 130 | Selection | Northern Hardwoods |
| 53 | M6 | 3 | 90 | Selection | Northern Hardwoods |
| 63 | M6 | 8 | 110 | Selection | Northern Hardwoods |

Prescription:

1. Favor the best crop tree in place, regardless of species.
2. Reduce stand basal area to approximately 75.
3. Retain the minor species component of stand, ie. cedar, hemlock, pine, spruce
4. Retain wildlife trees, two per acre.

Access: North from McFarland, along Co. Rd. R.A. Contact J. Koski for specifics.

DNR preparation work to be done prior to contract work:

Estimated date:

| | |
|-------------------------------------|--|
| Private boundary line (blue), done. | |
| Sale boundary line (red), done. | |
| Unit lines in red, done. | |

Contract work can begin:

Immediately

Date: 4/15/03

Contract work must be completed by: Date 9/1/03

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 type="checkbox"/> | <input type="checkbox"/> Blue Other: |

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| | | | | |
|-----------------------|--------------------------|--------------------------|---------------------------------|--------|
| Sale boundary | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Red | Other: |
| Sale cutting unit | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yellow | Other: |
| Stand type line | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Trees marked to leave | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Green | Other: |
| Trees marked to cut | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Orange | Other: |

Exclusions to mark and why:

Standards for marking lines against private land:

Area calculation:

| Unit | Method | Standard | |
|--------------|--------|----------|--|
| Sale | | | |
| Payment unit | | | |
| Stand | | | |

Special Instruction:

Timber Cruising Specifications

This is a bid item

This is not a bid item

Required Basal Area Factor: 10 20 Other:

Cruise Line Direction:

| Cruising Units | Number of plots per acre | Spacing (chains) |
|-------------------------------|--------------------------|------------------|
| 6 | 1 | 3 X 3 |
| | | X |
| | | X |
| | | X |
| Total Number of Cruise Points | | |

Cruise Special Instructions:

All marked pulpwood trees will be cruised using the Carlson Method. Sawtimber trees will be 100% cruised.

Unless otherwise specified, the tally sheets use must be those supplied by the Management Unit.

Timber Marking Specifications

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Precise specifications to be delineated at pre-work meeting with DNR staff.

Total Residual BA (Basal Area): 75[Minimum 70 to Maximum 90]

| Treatment | Number | Size |
|----------------------------|--------|------|
| Regeneration gaps per acre | n/a | |
| Girdled Trees per acre | | |
| | | |

| | Marking symbol | Minimum DBH | Top DIB |
|--|----------------|-------------|---------|
| | | | |

| | | | |
|----------|------------------|----|---|
| Sawlogs | slashes and dots | 11 | 9 |
| Sawbolts | | | |
| Pulpwood | slash or dot | 5 | 4 |

Tally intensities

| Species / product | Ratio: |
|-------------------|--------|
| | 1 : |
| | 1 : |
| | 1 : |
| | 1 : |

Species to favor: Best tree in place

Species to reduce:none

Special Marking Instructions

Stump marks must extend to ground level. If moss surrounds the base of the tree, it must be scraped off where the stump mark will be made. Bole marks, (two are required), must be made on opposite sides of the tree and should be at eye level. Sawtimber trees will be marked with a double slash and one dot for every 100" sawlog tallied.

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 Gwinn Field Office to make all paint arrangements. Paint will be supplied from (location) Gwinn Field Office. Contractors work schedule must coincide with the DNR work schedule for paint supply. The DNR will not deliver paint 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.