



TIMBER SALE PRESCRIPTION

GENERAL

Date 5/5/2008	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable)	Sale Name (or prescription name) C124 Stands 11, 12

LOCAL CONTACT

Name Keith Magnusson	Telephone (906) 293 - 3293
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Map of Project Area Attached

LEGAL DESCRIPTION

T45N R09W Section(s) 19, 30 Description Sec 19: S1/2SW, SWSE Sec 30: NWNW

Year of Entry: 2009 Compartment(s):124 Stand Number(s): 11, 12

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 154 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
11	R6	85	190	thinning	red pine
12	R6	69	180	thinning	red pine

PRESCRIPTION

1. Cruise/tally all jack pine, aspen, and spruce/fir.
2. Mark red pine to improve stand quality and maneuverability.
3. Minimum spacing should allow at least 12 feet between rows that exist.
4. All cherry, beech, birch and red maple will remain, unless there is a maneuverability issue.
5. If stick nests are found leave a minimum 1 chain unmarked buffer around the nest tree and
6. contact the Newberry office for additional requirements.
- 7.
- 8.
- 9.
- 10.

Access from M-28/M-123 junction in Newberry go 1 mile east on M-28 to Co Rd 403. Head south to Canada Lakes/ORV parking lot - stand(s) are to the immediate east and south.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
sale boundary and unit lines	09/30/2008

CONTRACT WORK CAN BEGIN

Immediately Date: 10/01/2008

CONTRACT WORK MUST BE COMPLETED BY Date 08/15/2009

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 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 to be determined at pre-work meeting

CRUISING UNITS	NUMBER OF PLOTS PER ACRE	SPACING (CHAINS)
stand 11	~.51	4 X 5
stand 12	~.51	4 X 5
		X
		X
TOTAL NUMBER OF CRUISE POINTS	~79	

Cruise Special Instructions:

Cruise all jack pine, aspen and balsam fir. Exact plot center will be marked by placing a stick in the ground, flagged with ribbon marked with corresponding plot number. If not much aspen and balsam fir are present, it may be counted by tally instead (see below). This can be discussed at the pre-work meeting.

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): 90 (Minimum 80 to Maximum 120)

TREATMENT	NUMBER	SIZE
Regeneration Gaps Per Acre Girdled Trees Per Acre		
PRODUCT	MARKING SYMBOL	MINIMUM DBH
Sawlogs	"X" with dots	12
Sawbolts		
Pulpwood	"/" (slash)	6

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Orange <input checked="" type="checkbox"/> Other yellow

TALLY INTENSITIES	
SPECIES / PRODUCT	RATIO
red pine sawlogs	1 : 1
red pine pulpwood	1 : 50
	1 :
	1 :

SPECIAL MARKING INSTRUCTIONS

Stand(s) are a mixed planting of jack pine and red pine, which have never been thinned. Consideration should be given to the ORV trail running through the stand when marking. Also, keep road and landing issues in mind, as well as equipment maneuverability when marking for spacing.

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 Newberry at (906) 293 - 3293, to make arrangements for paint.
2. Paint will be supplied from the Newberry 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.