



TIMBER SALE PRESCRIPTION

GENERAL

Date 10/09/2012	Forest, Mineral and Fire Management Unit Newberry
Timber Sale Number (if applicable)	Sale Name (or prescription name) Compartment 113

LOCAL CONTACT

Name Scott Kentner	Telephone (906) 293 - 3293
Email Address kentnerS@michigan.gov	FAX (906) 293 - 8530

Map of Project Area Attached

LEGAL DESCRIPTION

T46N R10W Section(s) 1-3, 10-15, 22, 27 Description See Cover Type Map.

Year of Entry: 2013 Compartment(s):113 Stand Number(s): 31, 35, 36, 46, 50, 56, 57, 64, 70, 84, 98, 100

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 436 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	P6	54	60	c/c w/ reserves	Lowland Balsam popular
35, 46	E9	50		c/c w/ reserves	Lowland Deciduous w/ cedar
36	P5	42	50	c/c w/ reserves	Lowland Aspen
50	E6	18		c/c w/ reserves	Lowland Deciduous, Mixed Coniferous
56, 64	B6	30		c/c w/ reserves	Mixed Lowland Deciduous Forest
57, 70	Q6	119		c/c w/ reserves	Lowland Coniferous, Mixed Deciduous
84, 100	S5	114		c/c w/ reserves	Black spruce
98	A5	9		c/c w/ reserves	Aspen

PRESCRIPTION

1. Cruise all stands(See timber cruising section for more detailed specs)
2. Retain den cavity trees if present.
3. Leave all white pine, yellow birch and hemlock within all stands.
4. In Stands 31,56,64,57 leave appropriate buffer (100ft) along intermittent streams.
5. If stick nest are found contact Newberry Field Office.
6. In Stand 98 leave all red pine.
7. Stand 57 will need to have retention areas within the stand. (See paint line specs)
8. Stands 31,36,57,70,84,100 will be marked to distinguish leave trees within stands.
9. Stands 35,46,50 will need retention areas around pockets of cedar where present within the stand.
10. Prescriptions will be talked about in more detail at the pre-work meeting

Access Work area is north of Newberry off M-123. Access off the Charcoal Grade road.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
none	

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY Date 06/01/2014

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

Exclusions to mark and why

In Stands 31,36,57,70,84,100 leave scattered (approx 1 tree/5 acres) of white birch, aspen and conifer, marked with green paint. Stand 57 mark two 3 acre retention pockets within stand, with red paint, that include cedar within them. Stands 35,46,50 mark cedar pockets as retention, where present, with red paint around these areas. Exclude any wet area/vernal ponds from the timber sale area, red line will be put around these areas.

Standards for marking lines against private land

Must be within 10 feet of actual property line.

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	2 meters
Payment Unit	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	2 meters
Stand	<input type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

Special Instructions:

Contractor must supply their own GPS Units that are capable of downloading information to a computer.

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)
All stands	.34	5 X 5
		X
		X
		X
TOTAL NUMBER OF CRUISE POINTS		

Cruise Special Instructions:

- Cruise stands by species and products per DNR standards.
- Exact plot center will be marked by placing a stick in the ground, flagged with ribbon marked with the corresponding plot number.
- Cruise all species except white pine, yellow birch, hemlock or any trees designated not to cut with green paint designated by the marking specs.
- In stand 98 do not cruise Red pine.
- Do not take any cruise plots within retention pockets.
- Cruise all Aspen as pulpwood only.
- These items will 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

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

Total Merchantable Residual BA (Basal Area): 20 (Minimum 10 to Maximum 30)

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	PAINT 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 type="checkbox"/>	<input type="checkbox"/> Orange <input type="checkbox"/> Other

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

SPECIAL MARKING INSTRUCTIONS

- Stands 31,36,57,70,84,100 mark leave trees, with a ring around the tree in green paint. This should be 1 tree/ 5 acres of paper birch, aspen, cedar and mixed confers throughout the stand area.

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 Scott Kentner at (906) 293 - 3293 ex. 4742, to make arrangements for paint.
2. Paint will be supplied from 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.