

# TIMBER SALE PRESCRIPTION

				GENERAL						
Date	Date Forest, Mineral and Fire Management Unit									
1/13/09				SHINGLETON	SHINGLETON					
Timber Sale Numb	per (if applicable)			Sale Name (or	Sale Name (or prescription name)					
	<b>\ 11</b> /			C136 PHASE						
				LOCAL CONTACT	TI KI IKOO					
Name				Telephone						
JEFF STAMPFL	Y	6227ext240								
Email Address				FAX	FAX					
STAMPFLJ@MIC	HIGAN.GOV			<b>(</b> 906 <b>)</b> 452 <b>-</b>	6584					
⊠ Map of Project Area Attached										
				EQAL DEGODIPTION						
				EGAL DESCRIPTION						
T48N R15W	Section(s) 18	Descri	ption SWSE							
11011 111511	00011011(0) 10	<b>D</b> 000	Puon suse							
Voor of Entry	2004 Compo	tmont(a):	126 Stond	Number(e): CE						
Year of Entry:	2004 Compa	uneni(s).	136 Stariu	Number(s): 65,66						
	THIS '	TIMBER S	ALE CONTR	ACT IS BASED ON TH	E FOLLOWING	ACREAGE				
Estimated Acre	es: 13 Sourc	e: 🛛 OI	☐ GPS	Other						
Payment will be n	made on the basis	of these o	stimated acre	e						
ayment will be i	nade on the basis	or these c			·-					
				EATMENT & OBJECTIV						
STAND #	COVER TYPE	ACRES	BA	TREATMENT	l l	MANAGEMENT OBJECTIVE				
65	R6	7	120	FINAL HARVEST	RED PINE					
				FINAL HARVESI	KED PINE					
66	R6	6	120	FINAL HARVEST	RED PINE					
				PRESCRIPTION						
2. All pair	nt lines must	be loc	ated using	ed on the attached g a GPS in accordar	nce with the	sale preparation contract.				
						haseII Contractors Appendix,				
	mber cruising	g specif	ications,	and specific detai	ils obtained	at the pre-work meeting.				
5.										
6.										
7.										
8.										
9.										
10.										
Access From F	Kingston Corr	ers. ao	approxima	telv 1.5 miles. tu	rning west o	on a good two-track, follow				
for 1/4 mile			opp I off I mo	10017 1.01102, 00		on a good one order, refren				
DND DE	DED A D A TION W	ODV TO I	DE DONE DE	NOR TO CONTRACT W	ORK	ESTIMATED DATE				
DINK PR	REPARATION W	UKK IUI	SE DONE PR	RIOR TO CONTRACT W	UKK	ESTIMATED DATE				
N/A										
CONTRACT WORK CAN BEGIN										
CONTRACT WO	ORK MUST BE C	OMPLET	ED BY Date 0	08/01/2009						

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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		☐ Blue			Other:				
Sale boundary	$\boxtimes$		⊠ Red		Other:				
Sale cutting unit			☐ Yellow		Other:				
Stand type line					Other:				
Exclusions to mark and why There will be a retention area for each stand as shown on the attached map. paint lines do not need to be established around the retention areas.									
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 METHO	)D			ST	ANDARD				
Sale	S String Chai	in 🗌 Other		See	e Contract				
Payment Unit	S String Chai	in 🗌 Other		See	e Contract				
Stand	S String Chai	in   Other		See	See Contract				
Special Instructions:  GPS all paint lines. Area must be determined for each individual stand using a GPS unit consistent with contract specifications. GPS files must be compatible with Arcview or Pathfinder Office software and all GPS files must be sent to the local contact by CD or e-mail.  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 East - West									
CRUISING UNIT	S	NUMBER OF PLO	OTS PER ACRE		SPACING (CHAINS)				
Stands 65,66		1.	1	3 X 3	·				
				Х					
				х					
				Х	Х				
TOTAL NUMBER OF CRUIS	SE POINTS	**	13						
Cruise Special Instructions:  1) Each stand must be recorded on a separate cruise card so volume can be determined by stand.  2) Each cruise plot must be identified on the ground. A map showing the location of these cruise plots must be turned in. Scale on map must be 1:15840. 3) Residual basal area by species must be tallied at each cruise plot. Borderline residual trees do not have to be measured, but every other									

1)Each stand must be recorded on a separate cruise card so volume can be determined by stand.
2)Each cruise plot must be identified on the ground. A map showing the location of these cruise plots must be turned in. Scale on map must be 1:15840. 3)Residual basal area by species must be tallied at each cruise plot. Borderline residual trees do not have to be measured, but every other borderline residual tree should be counted. 4) Species grouping: mixed hardwood pulpwood (maple, beech, and cherry pulpwood) and mixed aspen pulpwood(quaking & bigtooth). All other trees must be cruised by species. 5)No hemlock, oak will be cut. These species should be counted as residual basal area. \*\*Cruise plots may decrease/increase depending on actual GPS acres.

Unless otherwise specified, the tally sheets used must be those supplied by the Forest, Mineral and Fire Management Unit.

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	HMBER MARKING	SPECIFICATIONS					
☐ This is included in the bid	d 🛛 This is not included in	1 the bid					
☐ Precise specifications to	be delineated at pre-work me	eeting with DNR staff					
Total Merchantable Residual BA (Basal Area): (Minimum to Maximum)							
TREAT	<b>IMENT</b>	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			☐ Green ☐ Other				
Trees marked to cut			☐ Orange ☐ Other				
	TALLY IN	TENSITIES					
SPECIES /	PRODUCT	RATIO					
		1:					
		1:					
		1 :					
		1:					
SPECIAL MARKING INSTRU	CTIONS						

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 Jeff Stampfly at (906) 452 6227 ext 240, to make arrangements for paint.
- 2. Paint will be supplied from Shingleton.
- 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.

#### Compartment 136 Phase II Contract TIMBER SALE PRESCRIPTION APPENDIX

## When establishing paint lines:

- Avoid using dead or badly damaged trees boundary trees must last for the duration of the timber sale (up to 5-6 years).
- Favor the use of reserved species such as oak.
- Avoid using small (fast-growing) stems and those exposed to direct sunlight.

## When Registered Corners or Witness Trees are discovered:

- Any wooden posts encountered at corners must also be painted/protected.
- Bearing and/or witness trees discovered during the course of sale preparation must be protected. This can be accomplished by painting a ring completely around the tree at 4-6 feet above ground level with either red paint (corner surrounded by state lands) or blue paint (corner on private property boundary line). In addition, tying ribbon on these trees helps alert loggers to their presence. Do not mark any trees for harvest if cutting them is likely to result in damage to corner monuments and/or bearing trees.
- Please report the condition of all corners, posts and bearing trees to the local contact.

# When Cruising:

- Data must be recorded so volume can be determined by stand and recorded separately. In addition, all data must be summarized by species or species grouping by stand.
- Within Stands 65 and 66 cruise all species that will yield one or more 100"pulpwood sticks with a minimum top diameter of four (4) inches DIB. Residual basal area must be recorded at each plot by species. The Shingleton Unit does not separate sawlog products out of balsam fir, aspen, spruce or jack pine. Unless otherwise noted, cruise all species of sawlogs and pulpwood separately, cruise sawlog products to (10) inches DIB. The local contact will advise of species grouping at the on-site meeting.
- Plot centers must be marked according to contract specifications and correspond to a legible 1:15840 scale cruise map. Cruise specifications may be altered as necessary by the local contact.

## Reserved Species:

- No oak or hemlock will be cut. Avoid marking other trees if harvesting them is likely to result in damage to this reserved species.
- Report the discovery of any raptor nest trees to the local contact as soon as possible and directions will be given at that time.

The contractor should contact Jeff Stampfly, Unit Manager, at the Shingleton Field Office, PO Box 67, M-28, Shingleton, MI 49884 (906) 452-6227 once the contract is awarded so a local contact can be assigned. Approximately 1 week prior to beginning work, the contractor will notify the Unit Manager or local contact to arrange an on-site meeting to discuss the details of these prescriptions. Paperwork should be completed and all of the necessary reports submitted to the Unit secretary as soon as possible after the fieldwork is complete, this includes the corrected GPS files.

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