

# TIMBER SALE PRESCRIPTION

GENERAL										
Date				Forest, Mineral a	Forest, Mineral and Fire Management Unit					
01/21/09				Traverse City	Traverse City					
Timber Sale Nur	mber (if applicabl	e)		Sale Name (or p	Sale Name (or prescription name)					
Compartment 49 RPP										
LOCAL CONTACT										
Name				·	Telephone					
Scott Lint					(231) 922 -5280 ext. 6844					
Email Address					FAX					
LintS@michigan	i.gov			(231) 922 - 185	(231) 922 - 1853					
			LE	GAL DESCRIPTION						
T26N R11W Section(s) 14, 24 & 25 Description W1/2SE- sec 14, E1/2SE, SENE-sec 24, N1/2SE, SWSE-sec 25.										
Year of Entry: 2002 Compartment(s):49 Stand Number(s): 37, 54 & 239										
	THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE									
					CEESWING ACKEAGE					
Estimated Acres	: 99 Source: [	□ OI □	GPS 🖂 Oth	ner <u>GIS</u>						
Payment will be	e made on the b	asis of the	se estimated	acres.						
			TREA	TMENT & OBJECTIVE						
STAND#	COVER TYPE	ACRES	ВА	TREATMENT	MANAGEMENT OBJECTIVE					
37	R6	37	110	Final harvest	Red Pine					
54	R6	21	110							
	_			Final harvest	Red Pine					
239	R6	41	110	Final harvest	Red Pine					
				DRESCRIPTION						
1. Stands 37	7, 54, & 239 – Fin	al harvest		PRESCRIPTION						
2.	, 54, & 255 – 1 11	iai riai vest	with no retentio	л.						
3.										
4.										
5.										
6.										
7.										
Access From M-37 go east on Blair Town Hall road approximately 2.5 miles, then go north on Hoosier Valley Road 0.5 - 0.75 mile to										
stand 239. From the intersection of Hoosier Valley Rd. and Blair Town Hall Rd, continue east on Blair Town Hall Road for approximately 1.25 miles then turn south on seasonal county road go 0.5 miles to stand 37. From stand 37 go north back to Blair										
Town Hall Rd and then go east 0.5 miles to a two-track. Travel north on the two-track approximately 0.1 miles to stand 57.										
Town Hair Na and then go east old filled to a two track. Traver forth of the two-track approximately 0.1 filled to stand 04.										
DNR PF	REPARATION W	ORK TO E	SE DONE PRIC	R TO CONTRACT WOR	RK ESTIMATED DATE					
N/A										
CONTRACTING	CONTRACT WORK CAN RECIN									
CONTRACT WORK CAN BEGIN										
CONTRACT WORK MUST BE COMPLETED BY Date: July 30, 2009										
JOHNAOI WO	CONTRACT WORK MUST BE COMPLETED BY Date: July 30, 2009									

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Paint line work to be p				DAINT OCCOR				
TYPE OF LINE	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR					
Private boundary			⊠ Blue —	Other:				
Sale boundary			⊠ Red —	Other:				
Sale cutting unit			Yellow	U Other:				
Retention	d why: N/A		Green	Other:				
Exclusions to mark and why: N/A								
Standards for marking lines against private land								
		AREA CALCUL	ATION					
oxtimes This is included in the bid $oxtimes$ This is not included in the bid								
UNIT	METHOD			STANDARD				
ONIT								
Sale	☐ GPS ☐ String Ch	ain 🗌 Other						
	<ul><li>☑ GPS</li><li>☐ String Ch</li><li>☐ GPS</li><li>☐ String Ch</li></ul>							
Sale Payment Unit Retention	☐ GPS ☐ String Ch	ain	an area feature	as a shapefile (.shp)				
Sale Payment Unit Retention Special Instructions: G	☐ GPS ☐ String Ch ☐ GPS ☐ String Ch PS data must be provi	ain  Other ain Other ded in the form of	ECIFICATIONS	as a shapefile (.shp)				
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Sale Payment Unit Retention Special Instructions: G	GPS String Ch GPS String Ch String Ch String Ch String Ch PS data must be provi	ain Other ain Other ded in the form of  BER CRUISING SPE ot included in the	ECIFICATIONS	as a shapefile (.shp)				
Sale Payment Unit Retention Special Instructions: G	GPS String Ch GPS String Ch String Ch String Ch String Ch PS data must be provi	ain Other ain Other ded in the form of  BER CRUISING SPE ot included in the	ECIFICATIONS	as a shapefile (.shp)				
Sale Payment Unit Retention Special Instructions: G	GPS String Ch GPS String Ch String Ch SPS String Ch PS data must be provi	ain Other ain Other ded in the form of  BER CRUISING SPE ot included in the	ECIFICATIONS bid	as a shapefile (.shp)  SPACING (CHAINS				
Sale Payment Unit Retention Special Instructions: G  This is included in telegrated Basal Area F Cruise Line Directions  CRUISING	GPS String Ch GPS String Ch String Ch SPS String Ch PS data must be provi	ain Other ain Other ded in the form of  BER CRUISING SPE ot included in the	ECIFICATIONS bid	SPACING (CHAINS				
Sale Payment Unit Retention Special Instructions: G  This is included in telegrated Basal Area F Cruise Line Directions  CRUISING	GPS String Ch GPS String Ch String Ch SPS String Ch PS data must be provi	ain Other ain Other ain Other ded in the form of  BER CRUISING SPE  ot included in the  O Other:	ECIFICATIONS bid	SPACING (CHAINS 3.1 X 3.1 3.1 X 3.1				
Sale Payment Unit Retention Special Instructions: G  This is included in telegrater to the company of the compa	GPS String Ch GPS String Ch String Ch SPS String Ch PS data must be provi	ain Other ain Other ain Other ded in the form of  BER CRUISING SPE ot included in the O Other:  NUMBER OF PL	ECIFICATIONS bid	SPACING (CHAINS	)			
Sale Payment Unit Retention Special Instructions: G  This is included in telegrated Basal Area F  Cruise Line Directions  CRUISING Stand 37 Stand 54	GPS String Ch GPS String Ch String Ch SPS String Ch PS data must be provi	ain Other ain Other ain Other ded in the form of  BER CRUISING SPE ot included in the O Other:  NUMBER OF PL 1	ECIFICATIONS bid	SPACING (CHAINS 3.1 X 3.1 3.1 X 3.1	)			
Sale Payment Unit Retention Special Instructions: G  This is included in t Required Basal Area F Cruise Line Directions	GPS String Ch GPS String Ch String Ch SPS String Ch PS data must be provi	ain Other ain Other ain Other ded in the form of  BER CRUISING SPE ot included in the O Other:  NUMBER OF PL 1 1 1 99	ECIFICATIONS bid  OTS PER ACRE	SPACING (CHAINS 3.1 X 3.1 3.1 X 3.1 X	)			

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	TIMBER MARKING	SPECIFICATIONS			
$\square$ This is included in the bi	d 🛛 This is not included in	າ the bid			
☐ Precise specifications to	be delineated at pre-work me	eeting with DNR staff			
Total Merchantable Residua	II BA (Basal Area): (Mi	nimum to Maximum	)		
TREAT	TMENT	NUMBER	SIZE		
Regeneration Gaps Per Acre Girdled Trees Per Acre	<del>)</del>				
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB		
Sawlogs					
Sawbolts					
Pulpwood					
	T	<u></u>	T		
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	<u>,                                    </u>		
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 Scott Lint at (231) 922 -5280 ext. 6844, to make arrangements for paint.
- 2. Paint will be supplied from Traverse City 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 cruisers) and all of the original tally sheets or .tce files from Tcruise software if portable data recorder is used.
- 4. GPS files for any GPS work.

### **Appendix A: Boundary Marking**

- 1. The attached type map delineates the contract marking area.
- 2. Marking must be done in dry weather and when tree surfaces are not wet.
- 3. Paint the boundary line in such a way that it can be seen from both the inside of the sale area and when walking along the line from either direction (two sides). Each boundary line tree must be stump-marked at the base of the stump (one side) between the roots extending all the way to the ground.
- 4. Place marks approximately six feet above the base of the tree.
- 5. The contractor will keep track of total quarts of paint used per sale by color.

# **Appendix B: Timber Cruising Specifications**

- Cruise designated timber using Appendix 8 Product Standards to determine products and heights of products. Separate cruise data by species/product. Appendix 8 will be provided upon request.
- 2. Cruise at the sampling intensity specified in the Timber Sale Prescription.
- 3. Use a 20-factor prism.
- 4. Mark location of plots on the map, using the plot number.
- 5. Record residual BA of trees where applicable.
- 6. Unless otherwise agreed to by the contract administrator and the contractor, plot center will be marked by a stake or stick firmly inserted in the ground (not snow) with a ribbon attached to it at a height of not less than two feet above the ground, and labeled with the plot number. In addition, ribbon at least 12 inches long must be attached to the tree closest to plot center.
- 7. All cruise sheets must be labeled with the compartment #, stand #, unit #, prism factor, date, individual tree species, and the cruiser's name. If a portable data recorder is used for cruising, submit a summary sheet that details the rest of the required information.
- 8. The Traverse City Management Unit Office will provide cruise sheets if needed.

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