

# TIMBER SALE PRESCRIPTION

GENERAL										
Date				Forest, Mineral a	Forest, Mineral and Fire Management Unit					
7/29/2008				GAYLORD	NON-TO-MONOCONO CONTRACTOR CONTRA					
Timber Sale Number (if applicable)				05 50	Sale Name (or prescription name)					
COMPARTMENT 13 STANDS IN SECTION 13										
Name	LOCAL CONTACT Name Telephone									
GREGORY GATE	SY			100	(989) 732 - 3541					
Email Address				FAX						
gatesyg@michigan.gov				(989) 731 - 63	(989) 731 - 6214					
☑ Map of Project Area Attached  LEGAL DESCRIPTION										
T29N R2W Section(s) 13 Description se1/4Ne1/4, e1/2se1/4, NW1/4se1/4, W1/2Ne1/4, & NW1/4										
Year of Entry: 2009 Compartment(s):13 Stand Number(s): 2,102,202,6,71,171,371,72,172,272,372,107,79,104&271  THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE										
Estimated Acres: 216 Source: SOI GPS Other										
Payment will be n	nade on the basis	of these es								
				ATMENT & OBJECTIVE						
STAND#	COVER TYPE	ACRES	ВА	TREATMENT	MANAGEMENT OBJECTIVE					
2	O9	73	90	Shelterwood prep	Oak					
102	O9	26	100	Shelterwood prep	Oak					
202	O9	4	90	Final Harvest	Red Pine/Oak					
6	R6	19	160	Thinning	Red Pine					
71	R6	14	190	Final Harvest	Red Pine					
171	R6	3	140	Final Harvest	Red Pine					
371	R6	5	170	Final Harvest	Red Pine					
72	J6	8	130	Final Harvest	Red Pine					
172	J6	13	100	Final Harvest	Red Pine					
272	J6	17	150	Final Harvest	Red Pine					
372	J5	2	50	Final Harvest	Red Pine					
107	J6	9	120	Final Harvest	Aspen					
79	J6	10	80	Final Harvest	Aspen					
104	J6	8	110	Final Harvest	Red Pine					
271	R6	5	200	Final Harvest	Red Pine					
211	1.0	Ū	200	PRESCRIPTION	TOO I IIIO					

#### PRESCRIPTION

- 1. Stands 202,71,171,371,72,172,272,372,107,79,104 & 271 are final harvest and require point sample cruise.
- 2. Retention for final harvest stands in south part of stand 79&107, 1 acre each.
- 3. Stands 2&102 are shelterwood prep. Sawlogs are to be tallied 100%. Pulpwood is point sampled.
- 4. Reduce BA in stands 2 & 102 to 50 sqft.
- 5. Retention for stand 2 is 3 acres in the sw corner of stand.
- 6. Retention for stand 102 is 1 acre in the sw corner of stand.
- 7. Stand 6 is third row thinning with point sample cruise. NO RETENTION.

## Access

DNR PREPARATION WOR	ESTIMATED DATE										
Private line along Consumer	s power line.	Private line	e in SESE.	08/31/2008							
CONTRACT WORK CAN BEGIN											
☐ Immediately ☐ Date: 10/1/2008											
CONTRACT WORK MUST BE COMPLETED BY Date 06/30/2009											
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		$\boxtimes$	□ Blue	Other:							
Sale boundary	$\boxtimes$		☐ Red	Other:							
Sale cutting unit		X	☐ Yellow	Other:							
Stand type line		Х		Other:							
Exclusions to mark and why		,	,								
Standards for marking lines against private land  DNR responsibility.											
		AREA CALCUL	ATION								
☐ This is included in the bid	☐ This is not	included in the	e bia								
UNIT METHOD				STANDARD							
Sale	☐ String Chai	n 🗌 Other		PDOP 6							
Payment Unit	String Chai										
Stand GPS	String Chai	n									
<b>Special Instructions:</b> Must provide administrator	with ArcView	ready shape f	ile and acrea	ge of sale, cutting units and							
retention areas.		2		<u> </u>							
	TIME		FOLFICATIONS								
TIMBER CRUISING SPECIFICATIONS											
☑ This is included in the bid ☐ This is not included in the bid											
Required Basal Area Factor: 🗵 10 🔲 20 🔲 Other:											
Cruice Line Directions B 17											
Cruise Line Directions E-W											
CRUISING UNITS		NUMBER OF PLOTS PER ACRE		SPACING (CHAINS)							
stands 2,102,202,&79		65 p	The state of the second second second second second	4 × 4							
stand 6		19 p		3 X 3.3							
stands 71,171,371,72,172,27	2,372,	64		3 X 4							
TOTAL NUMBER OF CRUISE	POINTS	14	8								
Cruise Special Instructions:											

Cruise stand 6 as if final harvest. DNR will calculate actual volume of cut trees by percentage of stand cut, approximately 1/3 of total volume.

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

TIMBER MARKING SPECIFICATIONS										
oximes This is included in the bid $oxdot$ 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): 50 (Minimum 40 to Maximum 60)										
TREA	TMENT	NUMBER	SIZE							
Regeneration Gaps Per Acre Girdled Trees Per Acre	<del>)</del>	NA								
PRODUCT	MARKING SYMBOL	MINIMUM DBH	TOP DIB							
Sawlogs	X plus one dot/log	12"	8"							
Sawbolts										
Pulpwood	/ plus one dot/log	4.6"	4"							
TYPE OF WORK	WORK TO BE DONE	NOT APPLICABLE	PAINT COLOR							
Trees marked to leave			∐ Green							
			U Other							
Trees marked to cut										
			□ Other							
TALLY INTENSITIES										
SPECIES /	PRODUCT	RATIO								
sawlogs: stands 6,2,102,2	202, and 79	1 : 1								
pulpwood: stands 6,2,102,	,202,and79 point sample	1:								
		1:								
		1:								
SPECIAL MARKING INSTRU	ICTIONS									

SPECIAL MARKING INSTRUCTIONS

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 Greg Gatesy at (989) 732 3541 ext 5441, to make arrangements for paint.
- 2. Paint will be supplied from Gaylord 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.