



TIMBER SALE PRESCRIPTION

GENERAL	
Date 4/1/08	Forest, Mineral and Fire Management Unit Gaylord
Timber Sale Number (if applicable)	Sale Name (or prescription name) Compartment 11 RPP

LOCAL CONTACT	
Name Tim Greco	Telephone (989) 732 – 3541 ex:5443
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Map of Project Area Attached

LEGAL DESCRIPTION
T29N R02W Section(s) 2, 3, 10, 11 & 12. Description (Sec. 2 - W1/2NE & SW1/4), (Sec. 3 - E1/2NE, SWNE, W1/2SE, SESE, E1/2SW & SENW), (Sec. 10 - E1/2NW & SWNE), (Sec. 11 - SW1/4) & (Sec. 12 – NENW & NWNE).
Year of Entry: 2004 Compartment(s):11 Stand Number(s): 1, 4, 6, 10, 14, 15, 20, 27, 41, 55, 56, 57, 64, 70, 72, 89, 95, 96, 97, 100, 101, 102, 118, 129, 130 & 131.

THIS TIMBER SALE CONTRACT IS BASED ON THE FOLLOWING ACREAGE

Estimated Acres: 497 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
1	R9	17	70	Final Harvest	Red Pine
4	R7	35	20	Final Harvest	Red Pine
6	R9	7	70	Final Harvest	Red Pine
10	J8	10	60	Final Harvest	Red Pine
14	R6	21	90	Final Harvest	Red Pine
15	J6	27	100	Final Harvest	Red Pine
20	J6	57	70	Final Harvest	Red Pine
27	R6	6	90	Final Harvest	Red Pine
41	R9	62	100	Final Harvest	Red Pine
55	J6	15	80	Final Harvest	Red Pine
56	R6	11	110	Final Harvest	Red Pine
57	R6	12	90	Final Harvest	Red Pine
64	J6	9	70	Final Harvest	Upland Brush
70	R6	50	70	Final Harvest	Red Pine
72	R5	12	50	Final Harvest	Red Pine
89	J6	10	70	Final Harvest	Red Pine
95	R6	7	100	Final Harvest	Red Pine
96	R6	5	100	Final Harvest	Red Pine
97	R6	81	100	Final Harvest	Red Pine
100	R6	1	80	Final Harvest	Red Pine
101	J6	2	80	Final Harvest	Red Pine
102	R6	2	110	Final Harvest	Red Pine
118	R6	4	90	Final Harvest	Red Pine
129	R6	7	70	Final Harvest	Upland Brush
130	J6	17	70	Final Harvest	Upland Brush
131	R6	10	90	Final Harvest	Upland Brush

PRESCRIPTION

1. All stands are prescribed for final harvest.

Access See project map.

DNR PREPARATION WORK TO BE DONE PRIOR TO CONTRACT WORK	ESTIMATED DATE
Private boundary	4/2/08

CONTRACT WORK CAN BEGIN

Immediately Date:

CONTRACT WORK MUST BE COMPLETED BY September 15, 2008

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 checked="" type="checkbox"/>	<input type="checkbox"/> Blue	<input type="checkbox"/> Other:
Stand 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 checked="" type="checkbox"/> Yellow	<input type="checkbox"/> Other:
Retention	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Green	<input checked="" type="checkbox"/> Other: Red

Stand Boundaries

All stand boundaries should be run as individuals except the following which can be combined and painted as one. Stands (1 and 6), (15 and 72), (20, 70 and 89), (55, 56 and 57), (64 and 131), (101 and 102) and (129 and 130).

Exclusions to mark and why

In **Stand 1**, leave a total of 0.6 acre for retention in 3 scattered islands 0.2 acre in size evenly distributed along the west edge. In **Stand 4**, leave a total of 1.2 acres for retention in 6 scattered islands 0.2 acre in size evenly distributed along the west edge. In **Stand 6**, leave 1 island 0.2 acre in size for retention along the west edge. In **Stand 27**, leave 9 clumps of 3 - 5 trees evenly distributed for a total of 0.25 acre for retention. In **Stand 41**, leave a total of 2 acres for retention in scattered islands ranging in size from 0.25 - 0.5 acre. Also, leave a ½ chain buffer around all bogs. In **Stand 64**, leave 18 clumps of 3 - 5 trees for a total of 0.5 acre for retention scattered evenly throughout the stand. In **Stand 95**, leave a total of 3 acres for retention in evenly distributed islands ranging in size from 0.25 - 0.5 acre throughout stand. In **Stand 96**, leave a total of 2 acres for retention in evenly distributed islands ranging in size from 0.25 - 0.5 acre throughout stand. In **Stand 118**, leave 9 clumps of 3 - 5 trees for a total of 0.25 acre for retention scattered evenly throughout the stand. In **Stand 129 & 130**, leave a combined total of 13 evenly distributed clumps of 5 trees. In **Stand 131**, leave 18 clumps of 3 - 5 trees for a total of 0.5 acre for retention scattered evenly throughout the stand.

Standards for marking lines against private land

None

AREA CALCULATION

This is included in the bid This is not included in the bid

UNIT	METHOD	STANDARD
Gas Well/Opening	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Payment Unit	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	
Stand	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> String Chain <input type="checkbox"/> Other	

Special Instructions

Must provide the contract administrator with a GPS file (traverse) and acreage for **all stands**, gas wells and/or openings within treated stands, and retention areas. Stands with individual marked trees for retention do not need GPS traverse data for leave clumps (**Stand 27, 64, 118, 129, 130 & 131**). Instead, a GPS point should be taken to reflect these locations. Also, provide a GPS file with payment unit lines (yellow) splitting **Stand 20 & 70** (in half running east - west), **Stand 41** (in half running north - south) and **Stand 97** (in approximately 3 equal size units running east - west).

GPS files must consist of individual files showing sale area, individual stand area, each payment unit area.

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 STAND	SPACING (CHAINS)
Stand 1	17	3.25 X 3.0
Stand 4	35	3.25 X 3.0
Stand 6	7	3.25 X 3.0
Stand 10	10	3.25 X 3.0
Stand 14	21	3.25 X 3.0
Stand 15	27	3.25 X 3.0
Stand 20	49	3.0 X 4.0
Stand 27	6	3.25 X 3.0
Stand 41	52	3.0 X 4.0
Stand 55	15	3.25 X 3.0
Stand 56	11	3.25 X 3.0
Stand 57	12	3.25 X 3.0
Stand 64	9	3.25 X 3.0
Stand 70	45	3.25 X 3.5
Stand 72	12	3.25 X 3.0
Stand 89	10	3.25 X 3.0
Stand 95	7	3.25 X 3.0
Stand 96	5	3.25 X 3.0
Stand 97	60	3.0 X 4.5
Stand 100	1	3.25 X 3.0
Stand 101	2	3.25 X 3.0
Stand 102	2	3.25 X 3.0
Stand 118	4	3.25 X 3.0
Stand 129	7	3.25 X 3.0
Stand 130	17	3.25 X 3.0
Stand 131	10	3.25 X 3.0
TOTAL NUMBER OF CRUISE POINTS	453	

Cruise Special Instructions: All designated timber must be cruised in accordance with the FMFM Product Standards Manual. Cruise all species separately. Cruise data is to be separated by stand and payment unit. Note that the total number of plots will depend on the actual GPS stand acreage.

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): _____ (Minimum _____ to Maximum _____)

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 type="checkbox"/>	<input type="checkbox"/>	<input 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

N/A

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 Tim Greco at (989) 732-3541ex. 5443, 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 stand and/or payment unit (one summary, regardless of the number of markers) and all of the original tally sheets.
4. GPS files for any GPS work.