



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7539**

SCHEDULED SALE DATE AND TIME: **12:00 p.m. (local time) on January 2, 2025.**

LOCATION: **ESCANABA MGMT UNIT, 6833 HWY'S 2, 41 & M-35, GLADSTONE, MI 49837.**

CONTACT NAME: Daniel Racine

PHONE NUMBER: (906) 789-8231

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, CRYSTAL FALLS MANAGEMENT UNIT, for certain timber on the following described lands:

Motorbike Moose (12-010-24) / T44N, R27W, SEC. 17, SWNW.

T44N, R27W, SEC. 18, NW,NE,N1/2SW,SWSW,NWSE.

T44N, R27W, SEC. 7 , S1/2SW,SWSE.

T44N, R28W, SEC. 13, SENE,NESE.

Dickinson County, Advertised Price \$172,808.40, 234.3 Acres, Aspen, Hardwood.

SALE NOTE: The first (south) half mile of Simpson Road will require gravel, a minimum of 4" deep.
Gravel may be available from State land.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity.
Certain restrictions/specifications may be applicable including time restrictions.

TIMBER SALE INFORMATION

Motorbike Moose (12-010-24)

T44N, R27W, SEC. 17; T44N, R27W, SEC. 18; T44N, R27W, SEC. 7; T44N, R28W, SEC. 13.

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A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	14.7 MBF	\$ 87.00 / MBF
Red Maple	51.7 MBF	\$ 138.00 / MBF
Sugar Maple	294.5 MBF	\$ 262.00 / MBF
Pulpwood		
Balsam Fir	290 Cords	\$ 5.40 / Cord
Basswood	39 Cords	\$ 7.05 / Cord
Mixed Hardwood	3,139 Cords	\$ 13.55 / Cord
Quaking Aspen	2,171 Cords	\$ 19.70 / Cord
White Spruce	8 Cords	\$ 11.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.40 percent. There are an estimated 6,496 cords on this timber sale, plus or minus 806 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$13,824.67 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	2.3%
02	2.1%
03	18.6%
04	10.9%
05	23.1%
06	22.7%
07	11.0%
08	4.1%
09	5.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
513,163	6,496	12.40%	5,690	7,301

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
12	311,020	3,937	17.74%	3,238	4,635
20	47,210	598	22.14%	465	730
24	138,932	1,759	21.94%	1,373	2,144
25	16,001	203	48.88%	104	302
TOTAL:	513,163	6,496		5,180	7,811

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
12	104.3	5	42.4
		6	41.7
		7	20.2
20	66.6	2	12.2
		8	23.8
		9	30.6
24	55.9	3	35.2
		4	20.7
25	7.5	1	7.5
TOTAL:	234.3		234.3

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Sugar Maple	Sawtimber	2.7	MBF	7.5	\$3,905.90
	Balsam Fir	Pulpwood	30	Cords		
	Mixed Hardwood		38	Cords		
	<i>Red Maple</i>		9	<i>Cords</i>		
	<i>Sugar Maple</i>		29	<i>Cords</i>		
	Quaking Aspen		128	Cords		
2	Basswood	Sawtimber	2.7	MBF	12.2	\$3,618.20
	Red Maple		0.2	MBF		
	Sugar Maple		8.6	MBF		
	Basswood	Pulpwood	7	Cords		
	Mixed Hardwood		69	Cords		
	<i>Yellow Birch</i>	<i>Sawtimber</i>	0.6	<i>MBF</i>		
	<i>Ironwood</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		6	<i>Cords</i>		
	<i>Sugar Maple</i>		60	<i>Cords</i>		
	<i>Yellow Birch</i>		1	<i>Cords</i>		
	Quaking Aspen		6	Cords		
	3	Red Maple	Sawtimber	8.6		
Sugar Maple			64.2	MBF		
Balsam Fir		Pulpwood	108	Cords		
Mixed Hardwood			459	Cords		
<i>Balsam Poplar</i>			6	<i>Cords</i>		
<i>Red Maple</i>			117	<i>Cords</i>		
<i>Sugar Maple</i>			336	<i>Cords</i>		
Quaking Aspen			365	Cords		
White Spruce			5	Cords		
4		Red Maple	Sawtimber	5.1	MBF	20.7
	Sugar Maple		37.7	MBF		
	Balsam Fir	Pulpwood	64	Cords		
	Mixed Hardwood		270	Cords		
	<i>Balsam Poplar</i>		4	<i>Cords</i>		
	<i>Red Maple</i>		69	<i>Cords</i>		
	<i>Sugar Maple</i>		197	<i>Cords</i>		
	Quaking Aspen		214	Cords		
	White Spruce		3	Cords		
5	Red Maple	Sawtimber	15.1	MBF	42.4	\$39,948.70
	Sugar Maple		58.1	MBF		
	Balsam Fir	Pulpwood	36	Cords		
	Mixed Hardwood		812	Cords		
	<i>Balsam Poplar</i>		5	<i>Cords</i>		
	<i>Paper Birch</i>		19	<i>Cords</i>		
	<i>Red Maple</i>		269	<i>Cords</i>		
	<i>Sugar Maple</i>		519	<i>Cords</i>		
	Quaking Aspen		581	Cords		
6	Red Maple	Sawtimber	14.8	MBF	41.7	\$39,292.95
	Sugar Maple		57.2	MBF		
	Balsam Fir	Pulpwood	35	Cords		
	Mixed Hardwood		799	Cords		
	<i>Balsam Poplar</i>		5	<i>Cords</i>		
	<i>Paper Birch</i>		18	<i>Cords</i>		
	<i>Red Maple</i>		265	<i>Cords</i>		
	<i>Sugar Maple</i>		511	<i>Cords</i>		
	Quaking Aspen		571	Cords		
7	Red Maple	Sawtimber	7.2	MBF	20.2	\$19,030.00
	Sugar Maple		27.7	MBF		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE				
7 con't	Balsam Fir	Pulpwood	17	Cords						
	Mixed Hardwood		386	Cords						
	<i>Balsam Poplar</i>		2	<i>Cords</i>						
	<i>Paper Birch</i>		9	<i>Cords</i>						
	<i>Red Maple</i>		128	<i>Cords</i>						
	<i>Sugar Maple</i>		247	<i>Cords</i>						
	Quaking Aspen		277	Cords						
8	Basswood	Sawtimber	5.3	MBF	23.8	\$7,074.60				
	Red Maple		0.3	MBF						
	Sugar Maple		16.8	MBF						
	Basswood	Pulpwood	14	Cords						
	Mixed Hardwood		134	Cords						
	<i>Yellow Birch</i>		<i>Sawtimber</i>	1.1			<i>MBF</i>			
	<i>Ironwood</i>		<i>Pulpwood</i>	2			<i>Cords</i>			
	<i>Red Maple</i>		13	<i>Cords</i>						
	<i>Sugar Maple</i>		116	<i>Cords</i>						
	<i>Yellow Birch</i>		1	<i>Cords</i>						
	Quaking Aspen		13	Cords						
	9		Basswood	Sawtimber			6.7	MBF	30.6	\$9,043.80
			Red Maple				0.4	MBF		
Sugar Maple		21.5	MBF							
Basswood		Pulpwood	18	Cords						
Mixed Hardwood			172	Cords						
<i>Yellow Birch</i>			<i>Sawtimber</i>	1.4	<i>MBF</i>					
<i>Ironwood</i>			<i>Pulpwood</i>	2	<i>Cords</i>					
<i>Red Maple</i>			16	<i>Cords</i>						
<i>Sugar Maple</i>			150	<i>Cords</i>						
<i>Yellow Birch</i>			1	<i>Cords</i>						
Quaking Aspen			16	Cords						
TOTAL:			360.9	MBF						
TOTAL:			5,647	Cords						

Sale Specific Conditions & Requirements

Sale Name: Motorbike Moose

Sale Number: 12-010-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary, between clearcut units, are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 3-7, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, pine, oak, or hemlock.

Within Payment Unit 1, cut all trees that are four (4) inches or more at DBH, except do not cut cedar, pine, oak, or hemlock (if found).

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 2, 8, and 9, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

4 - Transportation

4.1 - Construction

4.1.6 - Road construction (4/24)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 5 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

Overgrown roads that are reopened shall be considered new roads. Some existing roads may also need to be closed. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design, placement, and locations of roads that need closed.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: gravel will be spread on the first (south) half mile of the Simpson Road, at least 4" deep (approximately 234 yards). Gravel may be available from State land.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her

representative.

4.4 - Access

4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

5 - Operations

5.2 - Conduct of Operations

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, 8, and 9, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.41 - Snowmobile trail protection (9/11)

The Simpson Road is a snowmobile trail and is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow covered base must be left on the trail. No decking of forest products will be permitted along the snowmobile trail.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on all impacted roads prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snowmobile routes (shown on the Timber Sale Map) prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number
12-010-24

Date
09/11/2024

Forest Management Unit
Crystal Falls Mgt Unit

County
Dickinson

Mapped By: Andy Church
Cruised By: Andy Church

Scale
1:15,840

Page
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Of
1

Township 44N Range 27W / 28W Section(s) and Subdivision(s) Sec. 13 SENE,NESE; Sec. 17 SWNW; Sec. 18 NW,NE,N1/2SW,SWSW,NWSE; Sec. 7 S1/2SW,SWSE;

Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

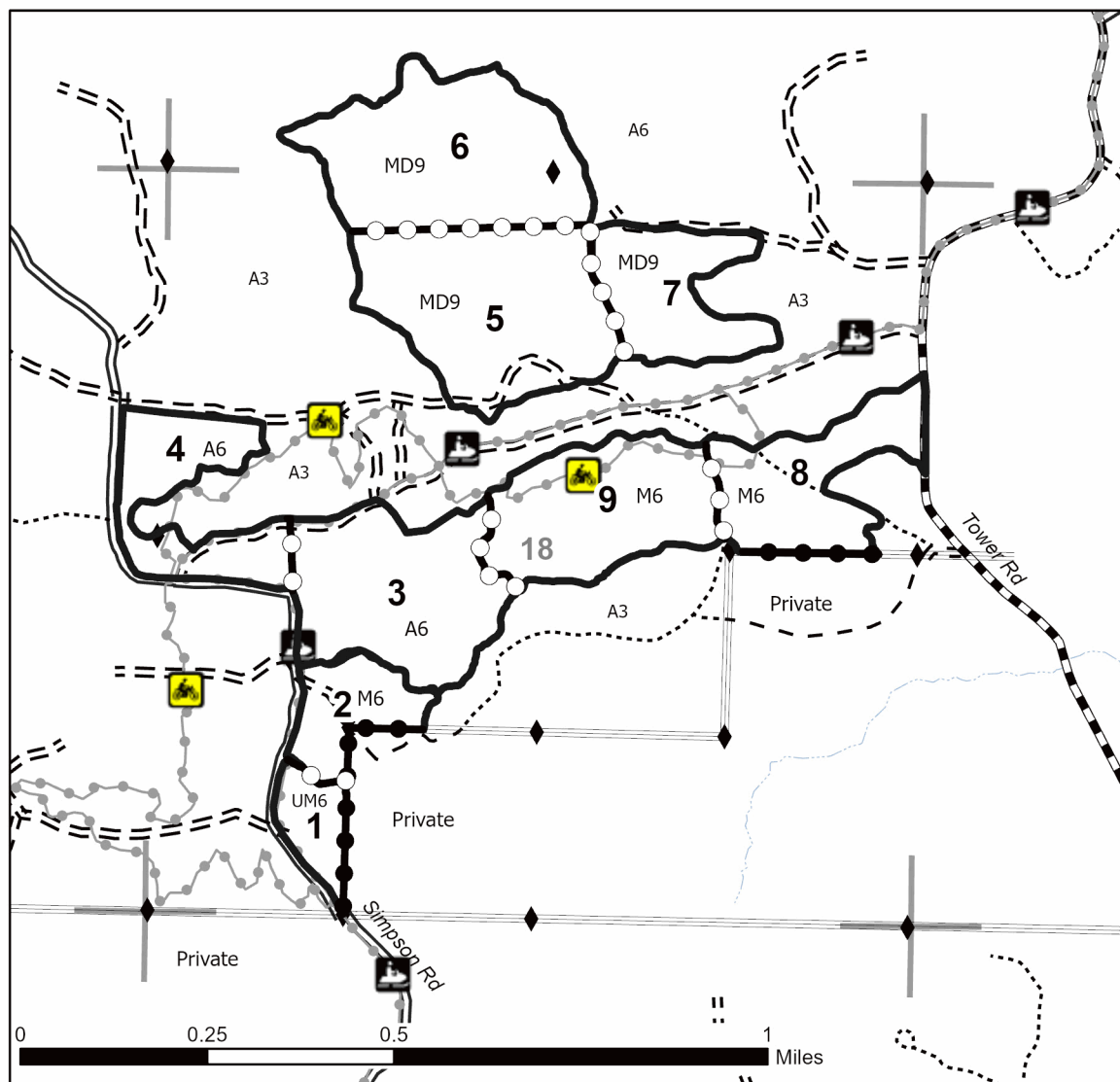
Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres	PU #	Acres
1	7.5	6	41.7
2	12.2	7	20.2
3	35.2	8	23.8
4	20.7	9	30.6
5	42.4		

Motorbike Moose

234.3 Acres



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Recreational Trail
- Private property
- Primary Forest Road
- Forest Access Route
- Administrative Access Only
- Government Gravel/Dirt
- Private Gravel/Dirt
- Motorcycle
- Snowmobile
- Survey Corner
- Section Corner