



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7501**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on October 8, 2024.**

LOCATION: **ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.**

CONTACT NAME: Jason Lewicki

PHONE NUMBER: (989) 745-5870

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, ROSCOMMON MANAGEMENT UNIT, for certain timber on the following described lands:

Emery Red Pine (71-011-24) / T22N, R01W, SEC. 22, S1/2NW,S1/2NE,SW,W1/2SE.
T22N, R01W, SEC. 27, NWNW.

Roscommon County, Advertised Price \$244,165.55, 154.9 Acres, Hardwood, Red Pine.

SALE NOTE: Sale consists of a mix of aspen, red pine, and mixed oak, located at the corner of Emery Road and Woods Road, South of M-55. Oak wilt restrictions are in place for all units.

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

Emery Red Pine (71-011-24)

T22N, R01W, SEC. 22; T22N, R01W, SEC. 27.
Roscommon County (Advertised Price \$244,165.55)

SALE NOTE: Sale consists of a mix of aspen, red pine, and mixed oak, located at the corner of Emery Road and Woods Road, South of M-55. Oak wilt restrictions are in place for all units.

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.

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		
B. T. Aspen	29.3 MBF	\$ 92.00 / MBF
Mixed Oak	240.2 MBF	\$ 133.00 / MBF
Red Maple	2.5 MBF	\$ 83.00 / MBF
Red Pine	1,080.9 MBF	\$ 124.00 / MBF
White Pine	82.5 MBF	\$ 84.00 / MBF
Pulpwood		
B. T. Aspen	123 Cords	\$ 38.45 / Cord
Mixed Hardwood	82 Cords	\$ 25.05 / Cord
Mixed Oak	668 Cords	\$ 24.10 / Cord
Red Pine	829 Cords	\$ 44.10 / Cord
White Pine	214 Cords	\$ 41.65 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.52 percent. There are an estimated 5,276 cords on this timber sale, plus or minus 766 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 \$12,208.28 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	12.5%
02	27.5%
03	33.2%
04	22.9%
05	3.9%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

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
416,843	5,276	14.52%	4,510	6,043

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
10	18,971	240	21.41%	189	292
104	113,411	1,436	18.26%	1,174	1,698
105	284,461	3,601	20.09%	2,877	4,324
TOTAL:	416,843	5,276		4,240	6,313

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
10	13.9	5	13.9
104	39.0	4	39.0
105	102.0	1	17.4
		2	38.4
		3	46.2
TOTAL:	154.9		154.9

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Mixed Oak /Red (Hybrid) Oak Red Pine White Pine B. T. Aspen Mixed Hardwood <i>Black Cherry</i> <i>Pin Cherry</i> Mixed Oak /Red (Hybrid) Oak White Oak Red Pine White Pine	Sawtimber	1.0	MBF	17.4	\$30,463.80
			1.0	MBF		
		180.8	MBF			
		8.4	MBF			
		1	Cords			
		3	Cords			
		1	Cords			
		2	Cords			
		7	Cords			
		4	Cords			
		3	Cords			
		140	Cords			
		18	Cords			
		2	Mixed Oak /Red (Hybrid) Oak Red Pine White Pine B. T. Aspen Mixed Hardwood <i>Black Cherry</i> <i>Pin Cherry</i> Mixed Oak /Red (Hybrid) Oak White Oak Red Pine White Pine	Sawtimber		
2.1	MBF					
399.1	MBF					
18.4	MBF					
2	Cords					
6	Cords					
2	Cords					
4	Cords					
16	Cords					
9	Cords					
7	Cords					
309	Cords					
41	Cords					
3	Mixed Oak /Red (Hybrid) Oak Red Pine White Pine B. T. Aspen Mixed Hardwood <i>Black Cherry</i> <i>Pin Cherry</i> Mixed Oak /Red (Hybrid) Oak White Oak Red Pine White Pine			Sawtimber	2.6	MBF
		2.6	MBF			
		480.1	MBF			
		22.2	MBF			
		2	Cords			
		7	Cords			
		2	Cords			
		5	Cords			
		19	Cords			
		11	Cords			
		8	Cords			
		372	Cords			
		49	Cords			
		4	B. T. Aspen Mixed Oak /Red (Hybrid) Oak Red Oak White Oak Red Maple Red Pine White Pine B. T. Aspen Mixed Hardwood Red Maple Mixed Oak /Red (Hybrid) Oak Red Oak White Oak Red Pine	Sawtimber	29.3	MBF
184.4	MBF					
2.1	MBF					
180.1	MBF					
2.2	MBF					
1.8	MBF					
20.9	MBF					
33.5	MBF					
118	Cords					
64	Cords					
64	Cords					
507	Cords					
1	Cords					
462	Cords					
44	Cords					
8	Cords					

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	White Pine	Pulpwood	106	Cords		
5	Mixed Oak	Sawtimber	50.1	MBF	13.9	\$9,639.40
	<i>/Red (Hybrid) Oak</i>		1.0	<i>MBF</i>		
	<i>Red Oak</i>		49.1	<i>MBF</i>		
	Red Maple		0.7	MBF		
	Mixed Hardwood	Pulpwood	2	Cords		
	<i>Red Maple</i>		2	<i>Cords</i>		
	Mixed Oak		119	Cords		
	<i>/Red (Hybrid) Oak</i>		4	<i>Cords</i>		
	<i>Red Oak</i>		109	<i>Cords</i>		
	<i>White Oak</i>		6	<i>Cords</i>		
TOTAL:			1,435.4	MBF		
TOTAL:			1,916	Cords		

Sale Specific Conditions & Requirements

Sale Name: Emery Red Pine

Sale Number: 71-011-24 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 red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary 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) 4, cut all trees that are two (2) inches or more at DBH, except do not cut any white oak 12 inches or more at DBH. In addition, do not cut any green marked white pine.

2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1, 2, and 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any oak trees 6 inches or less in diameter. In addition, do not cut any white pine 26 inches or more in diameter.

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

Within Payment Unit(s) 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within Payment Units 1, 2, and 3, if more than 30% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

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 10 feet away from the road edge.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. 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. These roads must be rendered impassable to cars and trucks. 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 and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

4.2 - Maintenance

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 5 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1, 2, 3, & 5, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Within Payment Unit 4, Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or

his/her representative.

5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in Payment Unit 4 must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

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.

5.2.39 - ORV trail/route protection (4/18)

There is an ORV route and motorcycle trail in the Sale Area indicated on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

5.2.41 - Snowmobile trail protection (9/11)

A snowmobile trail runs through the Sale Area 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 road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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 Emery Road, Woods Road, and Witty Road 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 trail 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.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV and motorcycle trails prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. 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
71-011-24

Date
08/28/2024

Forest Management Unit	County	Mapped By: Avery Sanborn
Roscommon Mgt Unit	Roscommon	Cruised By: Avery Sanborn

Scale	Page	Of
1:10,000	1	1

Township	Range	Section(s) and Subdivision(s)
22N	01W	Sec. 22 S1/2NW,S1/2NE,SW,W1/2SE; Sec. 27 NWNW;

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 = Tread 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

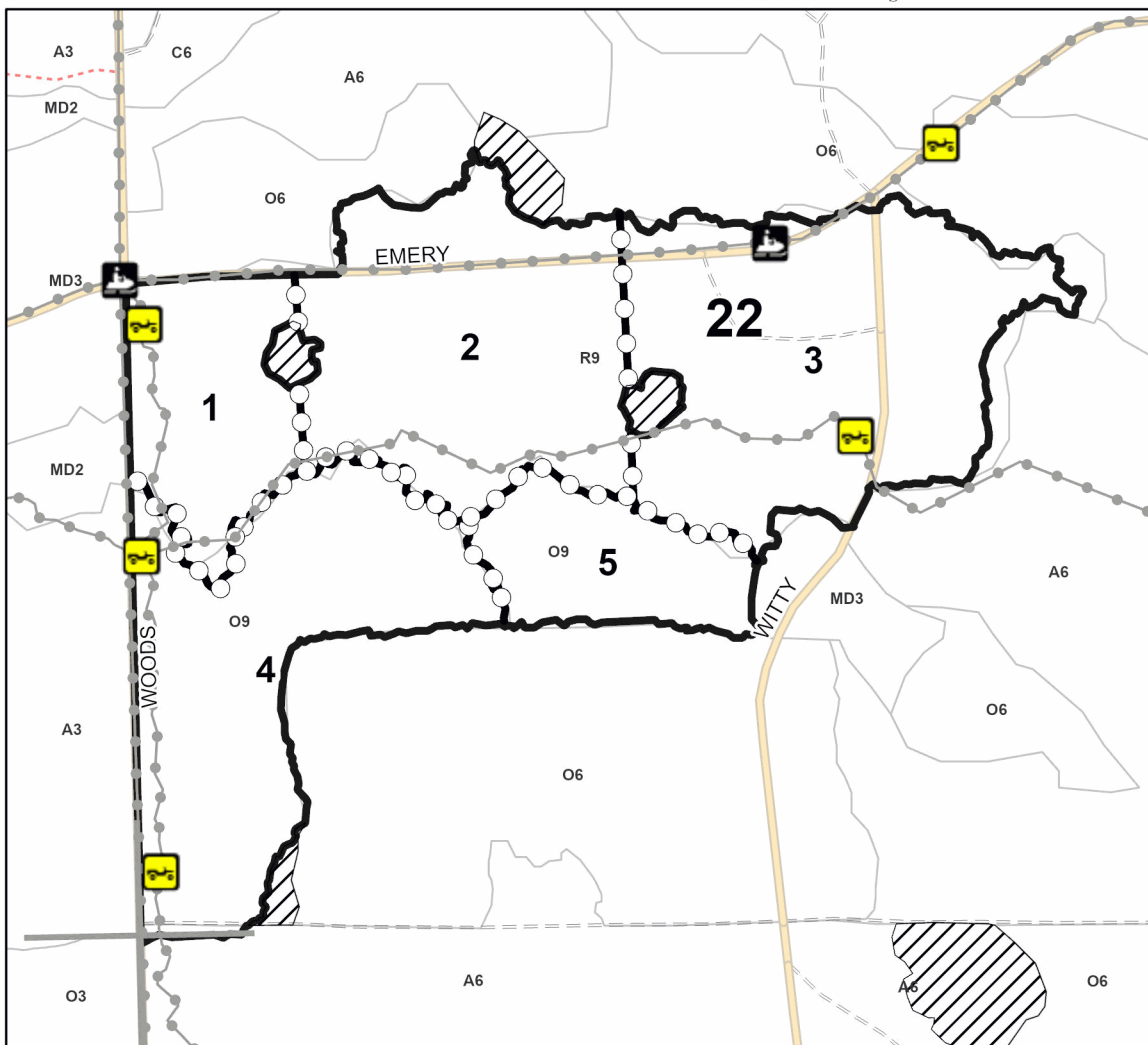
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU # Acres

1	17.4
2	38.3
3	46.2
4	39
5	13.9

Emery Red Pine

154.9 Acres



Legend

- Against State (Red)
- Stand
- Retention Areas
- Payment Unit (Yellow)
- Recreational Trail
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- MIRIS Section Corner

Use QR Code to open Map in App

