



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7519**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on November 12, 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:

Pine Memorial (71-021-24) / T21N, R03W, SEC. 18, NWNW,S1/2NW,N1/2SW,SESW,NWSE.

T21N, R03W, SEC. 18, S1/2SE.

T21N, R03W, SEC. 19, N1/2NE,SENE,NESE.

T21N, R03W, SEC. 20, W1/2NW.

Roscommon County, Advertised Price \$34,512.70, 81.7 Acres, Hardwood, White Pine.

SALE NOTE: Pine thinning protecting white pine understory. Trail routes to Payment Unit 3 & 4 must be brushed out prior to April 15 to reduce the spread of Oak Wilt.

TIMBER SALE INFORMATION

Pine Memorial (71-021-24)

T21N, R03W, SEC. 18; T21N, R03W, SEC. 19; T21N, R03W, SEC. 20.

Roscommon County (Advertised Price \$34,512.70)

SALE NOTE: Pine thinning protecting white pine understory. Trail routes to Payment Unit 3 & 4 must be brushed out prior to April 15 to reduce the spread of Oak Wilt.

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		
Black/Red (Hybrid) Oak	43.7 MBF	\$ 132.00 / MBF
Mixed Aspen	11.5 MBF	\$ 92.00 / MBF
Red Maple	26.5 MBF	\$ 83.00 / MBF
Red Pine	50.0 MBF	\$ 126.00 / MBF
White Pine	28.9 MBF	\$ 82.00 / MBF
Pulpwood		
Jack Pine	17 Cords	\$ 11.95 / Cord
Mixed Aspen	38 Cords	\$ 38.30 / Cord
Mixed Hardwood	128 Cords	\$ 24.80 / Cord
Mixed Oak	60 Cords	\$ 23.70 / Cord
Red Pine	47 Cords	\$ 50.45 / Cord
Scotch Pine	2 Cords	\$ 15.95 / Cord
White Pine	199 Cords	\$ 41.00 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 15.59 percent. There are an estimated 866 cords on this timber sale, plus or minus 135 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 \$1,725.64 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:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	23.8%
02	38.8%
03	20.3%
04	17.1%
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
68,437	866	15.59%	731	1,001

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
48	12,744	161	42.01%	94	229
67	17,663	224	29.09%	159	289
71	25,816	327	24.78%	246	408
142	12,214	155	39.80%	93	216
TOTAL:	68,437	866		591	1,142

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
48	13.3	4	13.3
67	19.4	1	19.4
71	36.8	2	36.8
142	12.2	3	12.2
TOTAL:	81.7		81.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid	Sawtimber	0.6	MBF	19.4	\$8,214.30
	Red Maple		1.3	MBF		
	Red Pine		4.4	MBF		
	White Pine		18.2	MBF		
	Jack Pine	Pulpwood	8	Cords		
	<i>Jack Pine</i>	<i>Sawtimber</i>	2.1	<i>MBF</i>		
	<i>Jack Pine</i>	<i>Pulpwood</i>	4	<i>Cords</i>		
	Mixed Aspen		3	Cords		
	<i>B. T. Aspen</i>		3	<i>Cords</i>		
	Mixed Hardwood		14	Cords		
	<i>Red Maple</i>		14	<i>Cords</i>		
	Mixed Oak		20	Cords		
	<i>/Red (Hybrid) Oak</i>		20	<i>Cords</i>		
	Red Pine		4	Cords		
	Scotch Pine		2	Cords		
	White Pine		115	Cords		
	2	Black/Red (Hybrid	Sawtimber	21.9		
Mixed Aspen			8.9	MBF		
<i>B. T. Aspen</i>			8.9	<i>MBF</i>		
Red Maple			9.1	MBF		
Red Pine			22.5	MBF		
White Pine			3.6	MBF		
Jack Pine		Pulpwood	9	Cords		
<i>Jack Pine</i>		<i>Sawtimber</i>	2.4	<i>MBF</i>		
<i>Jack Pine</i>		<i>Pulpwood</i>	4	<i>Cords</i>		
Mixed Aspen			33	Cords		
<i>B. T. Aspen</i>			33	<i>Cords</i>		
Mixed Hardwood			45	Cords		
<i>Red Maple</i>			45	<i>Cords</i>		
Mixed Oak			19	Cords		
<i>/Red (Hybrid) Oak</i>			19	<i>Cords</i>		
Red Pine			17	Cords		
White Pine			49	Cords		
3	Black/Red (Hybrid	Sawtimber	13.7	MBF	12.2	\$7,006.30
	Red Maple		6.5	MBF		
	Red Pine		13.0	MBF		
	White Pine		3.6	MBF		
	Mixed Hardwood	Pulpwood	14	Cords		
	<i>Black Cherry</i>		3	<i>Cords</i>		
	<i>Red Maple</i>		11	<i>Cords</i>		
	Mixed Oak		6	Cords		
	<i>/Red (Hybrid) Oak</i>		4	<i>Cords</i>		
	<i>White Oak</i>		2	<i>Cords</i>		
	Red Pine		24	Cords		
	White Pine		25	Cords		
	4	Black/Red (Hybrid	Sawtimber	7.5		
Mixed Aspen			2.6	MBF		
<i>B. T. Aspen</i>			1.1	<i>MBF</i>		
<i>Quaking Aspen</i>			1.5	<i>MBF</i>		
Red Maple			9.6	MBF		
Red Pine			10.1	MBF		
White Pine			3.5	MBF		
Mixed Aspen		Pulpwood	2	Cords		
<i>B. T. Aspen</i>			1	<i>Cords</i>		
<i>Quaking Aspen</i>			1	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Mixed Hardwood	Pulpwood	55	Cords		
	<i>Red Maple</i>		55	<i>Cords</i>		
	Mixed Oak		15	Cords		
	<i>/Red (Hybrid) Oak</i>		15	<i>Cords</i>		
	Red Pine		2	Cords		
	White Pine		10	Cords		
TOTAL:			160.6	MBF		
TOTAL:			491	Cords		

Sale Specific Conditions & Requirements

Sale Name: Pine Memorial

Sale Number: 71-021-24 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 paint. Exterior sale boundary lines against state are marked with red paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

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

Within Payment Unit(s) 1-4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, within Payment Unit 2, cut all Aspen regardless of merchantability. Furthermore, within Payment Unit 3, cut all Black/Red (Hybrid) Oak which meet minimum piece specifications in 2.2 - Utilization.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within all Payment Units. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

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.

If more than 30% of the white pine 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 \$300.00 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. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

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. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

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. The Unit Manager or his/her representative must be contacted at least 5 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 36 inches in height.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1, cutting, skidding, and hauling are not permitted during the period of March 15 - July 15. This restriction is due to wildlife habitat concerns.

5.2.3.15 - Oak wilt restriction, access roads (11/23)

Brushing of access roads to all planned access routes to Payment Units 3 & 4 must be completed prior to April 15 in order to use these roads for hauling timber or moving machinery between April 15 and July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

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.

5.4 - 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.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

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 Grass Lake Road, Rollway Road, and any State Forest 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.



TIMBER SALE MAP

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

Sale Number	Date	
71-021-24	09/30/2024	
Scale	Page	Of
1:15,840	1	1

Forest Management Unit	County	Mapped By: Doug Tyran
Roscommon Mgt Unit	Roscommon	Cruised By: Doug Tyran

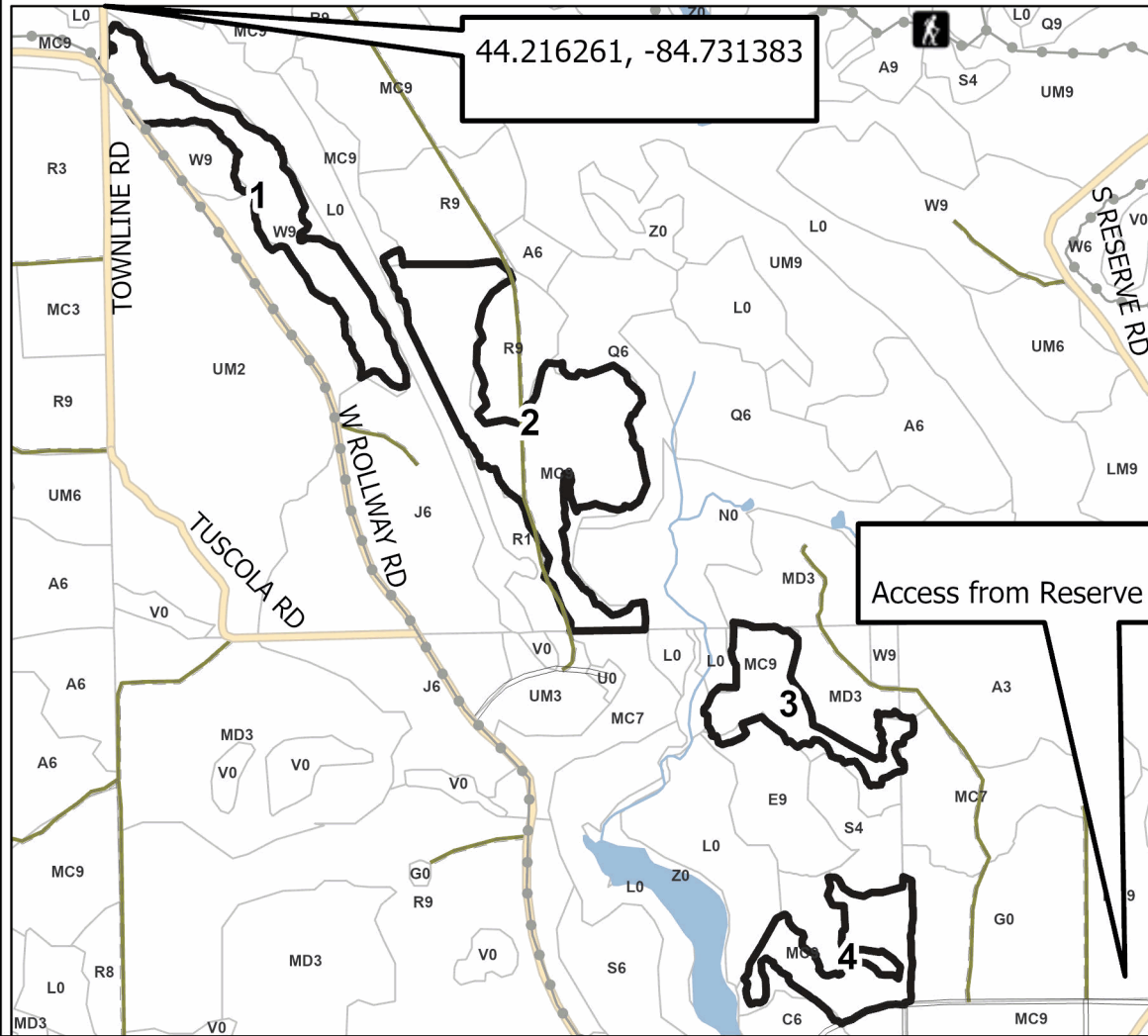
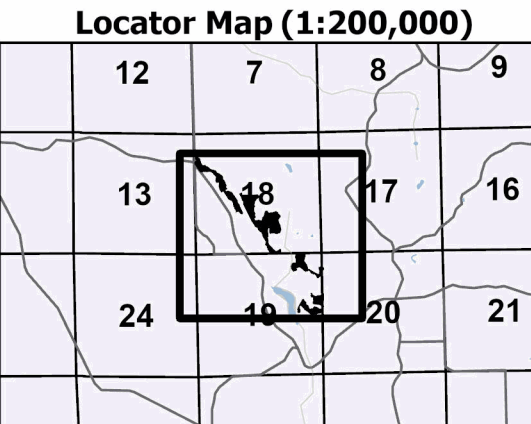
Township	Range	Section(s) and Subdivision(s)
21N	03W	20 W1/2NW; Sec. 18 NWNW,S1/2NW,N1/2SW,SESW,NWSE; Sec. 18 S1/2SE; Sec. 19 N1/2NE,SENE,NESE; Sec.

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	19.4	3	12.2
2	36.8	4	13.3

Pine Memorial
81.7 Acres



Legend

- Against State (Red)
- Stands
- Recreational Trail
- Secondary Forest Road
- Forest Access Route
- Non-DNR Road
- Perennial River

Use QR Code to open Map in App