

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN

TIMBER SALE PROSPECTUS #7548

REVISION NOTICE #1 - January 31, 2025

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on Tuesday, February 18, 2025 LOCATION: ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653

This prospectus has been modified with the following changes.

1. Timber Sale 71-009-24- Lost Twin Lakes- Sale Spec. 2.1.7-Leave Tree Marked Unit(s) – changed from:

Within Payment Units(s) 2 and 4, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut trees marked with green paint above and below stump height.

Corrected verbiage:

Within Payment Unit(s) 1 and 4, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut trees marked with green paint above and below stump height.

We apologize for any inconvenience this may have caused. If you need assistance, please contact Jason Lewicki at 989-745-5870.



DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7548

SCHEDULED SALE DATE AND TIME: 2:00 p.m. (local time) on February 18, 2025. LOCATION: ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.

<u>CONTACT NAME:</u> Jason Lewicki <u>PHONE NUMBER:</u> (989) 745-5870

<u>PROSPECTUS NOTE:</u> 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:

Lost Twin Lakes (71-009-24) / T21N, R03W, SEC. 17, N1/2SW,SESW,N1/2SE,SWSE. T21N, R03W, SEC. 17, NENW,S1/2NW,NWNE,S1/2NE. Roscommon County, Advertised Price \$234,468.05, 192.2 Acres, Aspen, Hardwood.

SALE NOTE: 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

Lost Twin Lakes (71-009-24) T21N, R03W, SEC. 17.

Roscommon County (Advertised Price \$234,468.05)

SALE NOTE: 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:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Black/Red (Hybrid) Oak	178.1	MBF	\$	135.00 / MBF
Mixed Aspen	388.1	MBF	\$	92.00 / MBF
Red Maple	158.9	MBF	\$	81.00 / MBF
Red Pine	66.1	MBF	\$	124.00 / MBF
White Oak	56.5	MBF	\$	72.00 / MBF
White Pine	173.8	MBF	\$	79.00 / MBF
Pulpwood				
Balsam Fir	22	Cords	\$	23.05 / Cord
Jack Pine	5	Cords	\$	23.05 / Cord
Mixed Aspen	1,296	Cords	\$	38.10 / Cord
Mixed Hardwood	964	Cords	\$	26.45 / Cord
Mixed Oak	379	Cords	\$	25.15 / Cord
Red Pine	59	Cords	\$	51.40 / Cord
White Pine	1,227	Cords	\$	38.95 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 11.79 percent. There are an estimated 6,346 cords on this timber sale, plus or minus 748 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 \$11,723.40 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	36.3%
02	15.0%
03	15.8%
04	19.9%
05	13.0%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 06/30/2027.

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 RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
501,338	6,346	11.79%	5,598	7,094

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 II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
103	74,975	949	25.61%	706	1,192
106	62,748	794	27.85%	573	1,016
107	281,043	3,558	17.66%	2,929	4,186
112	82,572	1,045	24.76%	786	1,304
TOTAL:	501,338	6,346		4,995	7,697

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
103	40.5	2	40.5
106	19.8	5	19.8
107	106.7	1	68.8
107	106.7	4	37.9
112	25.2	3	25.2
TOTAL:	298.9		192.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid	Sawtimber	68.9	MBF	68.8	\$84,876.15
	Mixed Aspen		116.7	MBF		
	B. T. Aspen		4.8	MBF		
	Quaking Aspen		111.9	MBF		
	Red Maple		39.4	MBF		
	Red Pine		12.6	MBF		
	White Oak		30.1	MBF		
	White Pine		51.5	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen		471	Cords		
	B. T. Aspen		23	Cords		
	Quaking Aspen		448	Cords		
	Mixed Hardwood		326	Cords		
	Paper Birch		30	Cords		
	Red Maple		296	Cords		
	Mixed Oak		153	Cords		
	/Red (Hybrid) Oak		76	Cords		
	White Oak		77	Cords		
	Red Pine		17	Cords		
	White Pine		578	Cords		
2	Black/Red (Hybrid	Sawtimber	31.9	MBF	40.5	\$35,174.95
_	Mixed Aspen	Cawanibei	48.4	MBF	40.0	ΨΟΟ, 17 4.00
	Quaking Aspen		48.4	MBF		
	Red Maple		21.0	MBF		
	White Oak		1.8	MBF		
	White Pine			MBF		
		Dulavia a d	24.4	I		
	Jack Pine Jack Pine	Pulpwood Sawtimber	5	Cords <i>MBF</i>		
			1.3			
	Jack Pine	Pulpwood	2	Cords		
	Mixed Aspen		278	Cords		
	Quaking Aspen		278	Cords		
	Mixed Hardwood		131	Cords		
	Red Maple		131	Cords		
	Mixed Oak		52	Cords		
	/Red (Hybrid) Oak		44	Cords		
	White Oak		8	Cords		
	Red Pine		4	Cords		
	White Pine		179	Cords		
3	Black/Red (Hybrid	Sawtimber	15.0	MBF	25.2	\$37,160.25
	Mixed Aspen		83.2	MBF		
	Quaking Aspen		83.2	MBF		
	Red Maple		41.5	MBF		
	Red Pine		7.5	MBF		
	White Oak		6.7	MBF		
	White Pine		51.8	MBF		
	Mixed Aspen	Pulpwood	228	Cords		
	Quaking Aspen		228	Cords		
	Mixed Hardwood		192	Cords		
	Black Cherry		4	Cords		
	Red Maple		188	Cords		
	Mixed Oak		54	Cords		
	/Red (Hybrid) Oak		50	Cords		
	White Oak		4	Cords		
	Red Pine		2	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4	Black/Red (Hybrid	Sawtimber	37.9	MBF	37.9	\$46,755.80
	Mixed Aspen		64.2	MBF		
	B. T. Aspen		2.6	MBF		
	Quaking Aspen		61.6	MBF		
	Red Maple		21.7	MBF		
	Red Pine		7.0	MBF		
	White Oak		16.6	MBF		
	White Pine		28.3	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Aspen		260	Cords		
	B. T. Aspen		13	Cords		
	Quaking Aspen		247	Cords		
	Mixed Hardwood		179	Cords		
	Paper Birch		16	Cords		
	Red Maple		163	Cords		
	Mixed Oak		84	Cords		
	/Red (Hybrid) Oak		42	Cords		
	White Oak		42	Cords		
	Red Pine		10	Cords		
	White Pine		318	Cords		
5	Black/Red (Hybrid	Sawtimber	24.4	MBF	19.8	\$30,500.9
	Mixed Aspen		75.6	MBF		
	Quaking Aspen		75.6	MBF		
	Red Maple		35.3	MBF		
	Red Pine		39.0	MBF		
	White Oak		1.3	MBF		
	White Pine		17.8	MBF		
	Balsam Fir	Pulpwood	19	Cords		
	Mixed Aspen	•	59	Cords		
	Quaking Aspen		59	Cords		
	Mixed Hardwood		136	Cords		
	Red Maple		136	Cords		
	Mixed Oak		36	Cords		
	/Red (Hybrid) Oak		32	Cords		
	White Oak		4	Cords		
	Red Pine		26	Cords		
	White Pine		65	Cords		
		TOTAL:	1,021.5	MBF		

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Sale Specific Conditions & Requirements

Sale Name: Lost Twin Lakes Sale Number: 71-009-24 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. 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) 3 and 5, cut all trees that are two (2) inches or more at DBH, regardless of merchantability.

In addition, within Payment Unit 3, do not cut trees marked with green paint.

Furthermore, within Payment Unit 5, do not cut white oak that is 12 inches or more at DBH or white pine that is 18 inches or more at DBH.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

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

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 2 and 4, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH.

2.2.6 - Roundwood Operation Required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit 2. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length. Trees must be harvested with in-woods processor (feller bunching harvester will not be allowed) in order to retain existing understory.

2.2.9 - No Chipping Permitted (12/08)

Within Payment Unit(s) 1, 2 and 4, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted. Tops may not be chipped.

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 and 4, 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

4.1.3 - Slash and Earthen Piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

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. 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.

4.2 - Maintenance

4.2.1 - Hauling Restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. The restriction may occur during wet weather conditions.

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 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 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

5.2.1.1 - Slash Within Sale Area (9/16)

No trees are to be felled outside the Sale Area, and all slash is to be kept at least 10 feet back from the red paint line. If sale boundary lines are along a public road or highway, then slash must be removed 50' from these lines per General Condition & Requirement 5.2.1.

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

5.2.3.3 - Bark Slippage Restriction (3/09)

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

5.2.3.4 - Oak Wilt Restriction, No Exceptions (1/18)

Within Payment Units 1 and 4, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.11 - Coppice Regeneration Protection (4/10)

Timber harvesting in Payment Units 1, 3, 4 and 5 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. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

5.2.4 - Dead and Down Creation

5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave two trees, nine (9) inches or larger in diameter on the ground for every two acres in Payment Units 3 and 5. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

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.

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)

The ORV trail is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. 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.

5.2.41 - Snowmobile Trail Protection (9/11)

The snowmobile trail 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. 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.

5.4.3 - Erosion Control (12/08)

Skid trails or haul roads may require erosion control structures or berms per direction of the Unit Manager or his/her representative.

5.4.4 - Slope Protection (9/19)

Skid trails and roads on slopes shall be water barred with slash and stumps as soon as use is complete to prevent erosion.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.2 - Snowmobile Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on 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 ORV trail 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.

Section Name: Sale Specific Current as of 12/26/2024 1:20:07PM



G = GrassH = Hemlock

Michigan Department of Natural Resources - Forest Resources Division

TIMBER SA

This information provided by authority of

ALE MAP f Part 525, 1994 PA 451, as amended.	71-009-24	09/20/	2024
lapped By: Lewicki	Scale	Page	Of
ruised By: Crawford Forestry	1:15,840	1	1

Sale Number

Township	Range	Section(s)
21 N	03/1/	Subdivicio

N = Marsh

Forest Management Unit

Roscommon Mgt Unit

Subdivision(s) Sec. 17 N1/2SW,SESW,N1/2SE,SWSE; Sec. 17 NENW,S1/2NW,NWNE,S1/2NE;

	Cove	r Type	
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
	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

County

and

Roscommon

Dens	ity
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor

2 = Seedli Poor 3 = Seedling Sapling Well 8 = Saw Timber Medium

4 = Pole Timber Poor 9 = Saw Timber Well



Date

Lost Twin Lakes

192.2 Acres

