



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7540**

SCHEDULED SALE DATE AND TIME: **12:00 p.m. (local time) on January 22, 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, ESCANABA MANAGEMENT UNIT, for certain timber on the following described lands:

Maki Marked Hardwoods (33-001-24) / T42N, R22W, SEC. 10, N1/2NE, SENE.

T42N, R22W, SEC. 11, W1/2NW.

T42N, R22W, SEC. 2, W1/2SW.

T42N, R22W, SEC. 3, NWNW, S1/2NW, S1/2NE, E1/2SW, SE.

Delta County, Advertised Price \$88,377.55, 253.1 Acres, Hardwood, Sugar Maple.

TIMBER SALE INFORMATION

Maki Marked Hardwoods (33-001-24)

T42N, R22W, SEC. 10; T42N, R22W, SEC. 11; T42N, R22W, SEC. 2; T42N, R22W, SEC. 3.
Delta County (Advertised Price \$88,377.55)

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	52.3 MBF	\$ 72.00 / MBF
Red Maple	33.0 MBF	\$ 119.00 / MBF
Sugar Maple	275.0 MBF	\$ 192.00 / MBF
Pulpwood		
Balsam Fir	68 Cords	\$ 7.00 / Cord
Basswood	128 Cords	\$ 7.35 / Cord
Mixed Hardwood	1,411 Cords	\$ 15.40 / Cord
Quaking Aspen	184 Cords	\$ 25.15 / Cord
White Spruce	9 Cords	\$ 12.35 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.85 percent. There are an estimated 2,645 cords on this timber sale, plus or minus 366 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 \$7,070.20 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	10.8%
02	5.2%
03	3.4%
04	16.8%
05	16.2%
06	12.7%
07	17.3%
08	17.6%
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
208,935	2,645	13.85%	2,278	3,011

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
10	32,673	414	38.95%	252	575
323	176,262	2,231	14.88%	1,899	2,563
TOTAL:	208,935	2,645		2,152	3,138

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	19.7	2	12.0
10	19.7	3	7.7
323	233.4	1	27.7
323	233.4	4	42.8
323	233.4	5	41.4
323	233.4	6	32.5
323	233.4	7	44.1
323	233.4	8	44.9
TOTAL:	1,439.8		253.1

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	6.2	MBF	27.7	\$9,582.55
	Red Maple		3.9	MBF		
	Sugar Maple		32.6	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Basswood		14	Cords		
	Mixed Hardwood		147	Cords		
	<i>Ironwood</i>		1	<i>Cords</i>		
	<i>Red Maple</i>		31	<i>Cords</i>		
	<i>Sugar Maple</i>		115	<i>Cords</i>		
	Quaking Aspen		1	Cords		
2	Balsam Fir	Pulpwood	28	Cords	12.0	\$4,609.90
	Basswood		6	Cords		
	Mixed Hardwood		105	Cords		
	<i>Balsam Poplar</i>		85	<i>Cords</i>		
	<i>Red Maple</i>		7	<i>Cords</i>		
	<i>Sugar Maple</i>		13	<i>Cords</i>		
	Quaking Aspen		107	Cords		
	White Spruce		5	Cords		
3	Balsam Fir	Pulpwood	18	Cords	7.7	\$2,971.95
	Basswood		4	Cords		
	Mixed Hardwood		67	Cords		
	<i>Balsam Poplar</i>		54	<i>Cords</i>		
	<i>Red Maple</i>		4	<i>Cords</i>		
	<i>Sugar Maple</i>		9	<i>Cords</i>		
	Quaking Aspen		69	Cords		
	White Spruce		4	Cords		
4	Basswood	Sawtimber	9.6	MBF	42.8	\$14,804.55
	Red Maple		6.1	MBF		
	Sugar Maple		50.4	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Basswood		22	Cords		
	Mixed Hardwood		227	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		47	<i>Cords</i>		
	<i>Sugar Maple</i>		178	<i>Cords</i>		
	Quaking Aspen		1	Cords		
5	Basswood	Sawtimber	9.3	MBF	41.4	\$14,336.80
	Red Maple		5.9	MBF		
	Sugar Maple		48.8	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Basswood		21	Cords		
	Mixed Hardwood		220	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		46	<i>Cords</i>		
	<i>Sugar Maple</i>		172	<i>Cords</i>		
	Quaking Aspen		1	Cords		
6	Basswood	Sawtimber	7.3	MBF	32.5	\$11,254.55
	Red Maple		4.6	MBF		
	Sugar Maple		38.3	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Basswood		16	Cords		
	Mixed Hardwood		173	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		36	<i>Cords</i>		
	<i>Sugar Maple</i>		135	<i>Cords</i>		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
6 con't	Quaking Aspen	Pulpwood	1	Cords		
7	Basswood	Sawtimber	9.9	MBF	44.1	\$15,278.20
	Red Maple		6.2	MBF		
	Sugar Maple		52.0	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Basswood		22	Cords		
	Mixed Hardwood		234	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		49	<i>Cords</i>		
	<i>Sugar Maple</i>		183	<i>Cords</i>		
	Quaking Aspen		2	Cords		
8	Basswood	Sawtimber	10.0	MBF	44.9	\$15,539.05
	Red Maple		6.3	MBF		
	Sugar Maple		52.9	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Basswood		23	Cords		
	Mixed Hardwood		238	Cords		
	<i>Ironwood</i>		2	<i>Cords</i>		
	<i>Red Maple</i>		49	<i>Cords</i>		
	<i>Sugar Maple</i>		187	<i>Cords</i>		
	Quaking Aspen		2	Cords		
TOTAL:			360.3	MBF		
TOTAL:			1,800	Cords		

Sale Specific Conditions & Requirements

Sale Name: Maki Marked Hardwoods

Sale Number: 33-001-24 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. 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 unless marked with orange paint. 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

2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) 2 & 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut cherry, cedar, or yellow birch.

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

Within Payment Unit(s) 1 and 4-8, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.2 - Utilization

2.2.4 - Skidding length (2/14)

Skidding of unlimbed tops or lengths over 17 feet is not permissible within Payment Units 1 and 4-8 unless approved by the Unit Manager or his/her representative.

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

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the Sale Administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

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.

5 - Operations

5.2 - Conduct of Operations

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) 1 and 4-8, 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.

5.2.38 - 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.



TIMBER SALE MAP

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

Sale Number
33-001-24

Date
09/13/2024

Forest Management Unit	County	Mapped By: Dan Racine
Escanaba Mgt Unit	Delta	Cruised By: Dan Racine

Scale	Page	Of
1:15,840	1	1

Township	Range	Section(s) and Subdivision(s)
42N	22W	NWNW,S1/2NW,S1/2NE,E1/2SW,SE; Sec. 10 N1/2NE,SENE; Sec. 11 W1/2NW; Sec. 2 W1/2SW; Sec. 3

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

Maki Marked Hardwoods

253.1 Acres

PU #	Acres	PU #	Acres
1	27.7	5	41.4
2	12	6	32.5
3	7.7	7	44.1
4	42.8	8	44.9



Legend

- Against State (Red)
- Payment Unit (Yellow)
- Private Line (Blue)
- Exclusion
- Primary Forest Road
- Forest Access Route
- Administrative Access Only
- Private Gravel/Dirt
- Survey Corner
- Section Corner

