



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7870**

**SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on June 23, 2026.**

**LOCATION: PIGEON RIVER COUNTRY MGMT UNIT, PO BOX 456, 9966 TWIN LAKES ROAD, VANDERBILT, MI**

**CONTACT NAME: Mark Monroe**

**PHONE NUMBER: (989) 983-4101**

**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, PIGEON RIVER COUNTRY MANAGEMENT UNIT, for certain timber on the following described lands:

Ice Age Mix (53-008-26) / T32N, R01W, SEC. 27, S1/2NE, SE.

Otsego County, Advertised Price \$876.85, 23.0 Acres, Aspen, Jack Pine.

**SALE NOTE:** The Sale Area received moderate amounts of damage from the ice storm of March 2025. Jack pine sustained the worst damage, with over 50% of stems with broken tops. Around 20% of spruce trees have broken tops. The remaining species only sustained minor damage.

# TIMBER SALE INFORMATION

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SALE NOTE: The Sale Area received moderate amounts of damage from the ice storm of March 2025. Jack pine sustained the worst damage, with over 50% of stems with broken tops. Around 20% of spruce trees have broken tops. The remaining species only sustained minor damage.

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Pulpwood		
Black Spruce	74 Cords	\$ 2.45 / Cord
Jack Pine	283 Cords	\$ 1.05 / Cord
Quaking Aspen	75 Cords	\$ 3.05 / Cord
Red Pine	37 Cords	\$ 3.60 / Cord
White Pine	9 Cords	\$ 4.05 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 32.82 percent. There are an estimated 478 cords on this timber sale, plus or minus 157 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 \$87.69 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	32.7%
02	67.3%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

### **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
37,799	478	32.82%	321	636

**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
27	27,252	345	40.82%	204	486
42	10,547	134	59.60%	54	213
<b>TOTAL:</b>	<b>37,799</b>	<b>478</b>		<b>258</b>	<b>699</b>

**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
<b>TOTAL:</b>			

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Spruce	Pulpwood	16	Cords	8.1	\$286.45
	Jack Pine		59	Cords		
	Quaking Aspen		46	Cords		
	Red Pine		8	Cords		
	White Pine		4	Cords		
	White Pine	1.3	MBF			
	White Pine	Pulpwood	1	Cords		
2	Black Spruce	Pulpwood	58	Cords	14.9	\$590.40
	Jack Pine		224	Cords		
	Quaking Aspen		29	Cords		
	Red Pine		29	Cords		
	White Pine		5	Cords		
	White Pine		5	Cords		
<b>TOTAL:</b>			478	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Ice Age Mix

Sale Number: 53-008-26 Seq#: 2

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted Boundaries (9/19)

The sale boundary is marked and identified by red paint. Interior retention patches are marked with a red "X"; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 1 and 2, cut all trees that are two (2) inches or more at DBH, except do not cut trees marked with green paint. Refer to 5.2.2.1 Den Trees sale condition as well.

### 3 - Payments

#### 3.6 - Payment Unit Cutting Schedule

##### 3.6.8 - Operating Period (5/16)

Once cutting begins, operations must continue until all Payment Units are completed.

### 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.

##### 4.1.4 - Timber Removed for Construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing, or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the Sale Administrator. Payment will be made at contract prices or average prices, if not on the contract. Note that the access road between Payment Unit #'s 1 and 2 is overgrown and will require several trees to be cut in order to allow for operability and road improvements. These trees have been marked with blue paint and will be decked separately so that they can be scaled.

##### 4.1.7 - Road Closure (10/11)

Overgrown roads that are reopened 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. These roads must be rendered impassable to cars and trucks.

##### 4.1.12 - No New Roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads.

#### 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. The access road to Payment Unit #2 will require fill in at least 2 places due to wet ground. Sand or gravel may not be sourced from adjacent State-owned lands. Fill material must be 2B crushed limestone (or larger) aggregate.

##### 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 (10/25)

A pre-sale conference 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 5 days in advance to schedule the conference.

### 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.

#### 5.2.32 - 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 are 12 inches or greater in depth and 25 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.

#### 5.4.5 - Soil Caution (11/04)

Care must be taken to minimize soil damage due to areas of wet ground along the edges of both Payment Units.

### 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 onsite evaluation and recommendation can be made, if necessary.

## 7 - Other Conditions

### 7.2 - Extensions

#### 7.2.2 - No Extensions (3/09)

There will be no extensions granted on this contract.

### 7.5 - Loss

#### 7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from the ice storm of March 2025. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



### TIMBER SALE MAP

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

Sale Number	Date	
<b>53-008-26</b>	03/04/2026	
Scale	Page	Of
1:10,000	1	1

Forest Management Unit	County	Mapped By: Rekowski
Pigeon River Country Mgt Unit	Otsego	Cruised By: Rekowski

Township	Range	Section(s) and Subdivision(s)
32N	01W	Sec. 27 S1/2NE,SE;

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

Payment Unit Number	Acres
1	8.1
2	14.9

## Ice Age Mix

### 23.0 Acres

Legend	
	Against State (Red)
	Retention (Red X)
	Stand Boundary
	Streams
	Forest Access Route
	Administrative Access Only
	Government Gravel/Dirt

