



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7584**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on March 19, 2025.**

LOCATION: **BALDWIN OFFICE, 2468 W 24TH STREET, BALDWIN, MI 49304.**

CONTACT NAME: David Fisher

PHONE NUMBER: (231) 745-4651

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

Strait Aspen (63-017-24) / T21N, R05W, SEC. 20, E1/2NW, N1/2NE, SWNE, NWSE.

Missaukee County, Advertised Price \$94,328.25, 70.7 Acres, Aspen, Hardwood.

SALE NOTE: Sale requires Miss Dig inspection.

# TIMBER SALE INFORMATION

Strait Aspen (63-017-24)

T21N, R05W, SEC. 20.

Missaukee County (Advertised Price \$94,328.25)

SALE NOTE: Sale requires Miss Dig inspection.

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>
Sawtimber		
Mixed Aspen	171.3 MBF	\$ 115.00 / MBF
Red Maple	75.9 MBF	\$ 109.00 / MBF
Red Oak	74.2 MBF	\$ 222.00 / MBF
White Oak	1.7 MBF	\$ 139.00 / MBF
Pulpwood		
Balsam Fir	55 Cords	\$ 38.25 / Cord
Mixed Aspen	995 Cords	\$ 29.90 / Cord
Mixed Oak	186 Cords	\$ 47.35 / Cord
Red Maple	384 Cords	\$ 23.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 18.75 percent. There are an estimated 2,378 cords on this timber sale, plus or minus 446 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 \$9,432.83 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	59.0%
02	41.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2028.

### **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
187,899	2,378	18.75%	1,932	2,825

## 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
41	109,367	1,384	26.57%	1,017	1,752
47	5,457	69	54.15%	32	106
50	73,075	925	28.05%	666	1,184
<b>TOTAL:</b>	<b>187,899</b>	<b>2,378</b>		<b>1,714</b>	<b>3,043</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
41	37.0	1	37.0
47	7.4	2	7.4
50	26.3	2	26.3
<b>TOTAL:</b>	<b>70.7</b>		<b>70.7</b>

## DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Mixed Aspen	Sawtimber	58.3	MBF	37.0	\$55,667.50	
	<i>Quaking Aspen</i>		58.3	<i>MBF</i>			
	Red Maple		73.6	MBF			
	Red Oak		58.3	MBF			
	White Oak		1.7	MBF			
	Balsam Fir		Pulpwood	55			Cords
	Mixed Aspen			514			Cords
	<i>B. T. Aspen</i>			71			<i>Cords</i>
	<i>Quaking Aspen</i>			443			<i>Cords</i>
	Mixed Oak			73			Cords
	<i>Red Oak</i>			71			<i>Cords</i>
	<i>White Oak</i>			2			<i>Cords</i>
	Red Maple			292			Cords
	2		Mixed Aspen	Sawtimber			113.0
<i>B. T. Aspen</i>		113.0	<i>MBF</i>				
Red Maple		2.3	MBF				
Red Oak		15.9	MBF				
Mixed Aspen		Pulpwood	481		Cords		
<i>B. T. Aspen</i>			481		<i>Cords</i>		
Mixed Oak			113		Cords		
<i>/Red (Hybrid) Oak</i>			40		<i>Cords</i>		
<i>Red Oak</i>			73		<i>Cords</i>		
Red Maple			92		Cords		
TOTAL:			323.1	MBF			
TOTAL:			1,620	Cords			

## Sale Specific Conditions & Requirements

Sale Name: Strait Aspen

Sale Number: 63-017-24 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 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 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

##### 2.1.1 - 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 any white or red pine, cedar, hemlock, or paper birch. In addition, do not cut any white oak that are twenty-two (22) inches or more at DBH.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) 1 and 2 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.

### 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.

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

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

#### 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

##### 5.1.6 - Utility R.O.W. (4/19)

It is the responsibility of the Purchaser to obtain permission from the utility company to utilize the power line, buried cable, and pipeline R.O.W. for operations. Documented contact with MISS DIG, prior to any sale activities at phone number 811, is required.

#### 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.

## 5.2.4 - Dead and Down Creation

### 5.2.4.4 - Dead and Down Creation, Grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1 and 2 leave one 12-inch diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres. These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two-tracks, or trails open to vehicles.

### 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 onsite 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 sale associated 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  
**63-017-24**

Date  
**09/16/2024**

Forest Management Unit  
**Cadillac**

County  
**Missaukee**

Mapped By: Krugh  
Cruised By: Edison

Scale  
**1:15,840**

Page  
**1**

Of  
**1**

Township  
**21N**

Range  
**5W**

Section(s) and  
Subdivision(s)  
**E1/2NW,N1/2NE,SWNE,NWSE**

#### 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

1	37
2	33.7

### Strait Aspen

**Acres 70.7**

