



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN**

**TIMBER SALE PROSPECTUS #7417**

**REVISION NOTICE #1 - May 9, 2024**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on Wednesday, May 15, 2024**

LOCATION: **BALDWIN OFFICE, 2468 W 24th Street, Baldwin, MI 49304**

This prospectus has been modified with the following changes.

Rainy Aspen (63-108-23) has been withdrawn from this prospectus. This sale will be re-offered on Baldwin Prospectus #7440 in June.

We apologize for any inconvenience this may have caused. If you need assistance, please contact David Fisher at 231-745-4651 ext. 9064.



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CONTACT NAME: David Flsher

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:

Dog Hair Aspen (63-025-23) / T24N, R10W, SEC. 7 , NW,SENE,N1/2SE.

Wexford County, Advertised Price \$162,759.45, 88.1 Acres, Aspen, Hardwood.

# TIMBER SALE INFORMATION

Dog Hair Aspen (63-025-23)

T24N, R10W, SEC. 7.

Wexford County (Advertised Price \$162,759.45)

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		
Black Cherry	10.2 MBF	\$ 287.00 / MBF
Mixed Aspen	628.8 MBF	\$ 89.00 / MBF
Red Maple	8.6 MBF	\$ 104.00 / MBF
Sugar Maple	72.5 MBF	\$ 297.00 / MBF
White Pine	7.4 MBF	\$ 72.00 / MBF
Pulpwood		
Basswood	4 Cords	\$ 16.15 / Cord
Mixed Aspen	2,504 Cords	\$ 25.85 / Cord
Mixed Hardwood	727 Cords	\$ 22.05 / Cord
White Pine	3 Cords	\$ 28.60 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 32.30 percent. There are an estimated 5,097 cords on this timber sale, plus or minus 1,647 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 \$16,275.95 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	76.9%
02	23.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 08/31/2026.

## **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
402,634	5,097	32.30%	3,450	6,743

## 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
22	302,449	3,828	25.83%	2,840	4,817
50	100,185	1,268	34.91%	825	1,711
<b>TOTAL:</b>	<b>402,634</b>	<b>5,097</b>		<b>3,665</b>	<b>6,528</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
22	60.1	1	60.1
50	28.0	2	28.0
<b>TOTAL:</b>	<b>88.1</b>		<b>88.1</b>

## DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black Cherry	Sawtimber	2.6	MBF	60.1	\$125,215.40
	Mixed Aspen		522.4	MBF		
	<i>B. T. Aspen</i>		289.4	<i>MBF</i>		
	<i>Quaking Aspen</i>		233.0	<i>MBF</i>		
	Red Maple		8.6	MBF		
	Sugar Maple		60.7	MBF		
	White Pine		7.4	MBF		
	Basswood		4	Cords		
	Mixed Aspen		1,794	Cords		
	<i>B. T. Aspen</i>		1,293	<i>Cords</i>		
	<i>Quaking Aspen</i>		501	<i>Cords</i>		
	Mixed Hardwood		544	Cords		
	<i>Beech</i>		2	<i>Cords</i>		
	<i>Black Cherry</i>		26	<i>Cords</i>		
	<i>Ironwood</i>		41	<i>Cords</i>		
	<i>Red Maple</i>		26	<i>Cords</i>		
	<i>Sugar Maple</i>		449	<i>Cords</i>		
	White Pine		3	Cords		
2	Black Cherry	Sawtimber	7.6	MBF	28.0	\$37,544.05
	Mixed Aspen		106.4	MBF		
	<i>Quaking Aspen</i>		106.4	<i>MBF</i>		
	Sugar Maple		11.8	MBF		
	Mixed Aspen		710	Cords		
	<i>Quaking Aspen</i>		710	<i>Cords</i>		
	Mixed Hardwood		183	Cords		
	<i>Black Cherry</i>		16	<i>Cords</i>		
	<i>Ironwood</i>		23	<i>Cords</i>		
	<i>Red Maple</i>		112	<i>Cords</i>		
	<i>Sugar Maple</i>		32	<i>Cords</i>		
	TOTAL:			727.5		
TOTAL:			3,238	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Dog Hair Aspen**

**Sale Number: 63-025-23 Seq#: 1**

### **1 - Sale Area**

#### 1.2 - Boundaries

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

The sale boundary is marked and identified by 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

##### 2.1.2 - Clearcut unit(s) w/o unmerchantable trees (8/11)

Within Payment Unit(s) 1 and 2, cut all trees which meet minimum piece specifications in 2.2 Utilization, with the following exceptions:

- Within Payment Unit 1, do not cut any ash, elm, or oak.
- Within Payment Unit 2, do not cut any birch, oak, or conifers.

#### 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 at DBH and 4 inches for trees smaller than 10 inches at DBH.

### **3 - Payments**

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1 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, or chipped, utilized or otherwise removed from the sale.

##### 4.1.12 - No new roads (1/12)

No new roads will be permitted.

#### 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**

#### 5.2 - 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.

### 5.2.3 - Operating Restrictions

#### 5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1 and 2, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.3.11 - Coppice regeneration protection (4/10)

Timber harvesting in any Payment Unit 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

#### 5.2.4.4 - Dead and down creation, grouse (6/18)

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

#### 5.4.6 - Wet area protection (5/10)

No harvesting operations, including skidding and felling, are to take place within the vernal pond areas or drainages. When harvesting occurs, there should be no disturbance to the vernal pond depression. All equipment, trees and tops should be kept out of this area. Within 100 feet of the pond, equipment should only be used when the soil is in a dry or frozen condition. Care must be taken by the Purchaser to identify and avoid operating in these areas of the timber sale.

## 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 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	Year
63-025-23	23

Forest Management Unit Cadillac Management Unit	County Wexford	Mapped By Joel Taylor	Date 09/28/2023	Page 1	of 1
Township 24N	Range 10W	Section(s) and Subdivision(s) S7 NW,SENE,N1/2SE	Scale 1:15,840		

Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

## PU Acres

1	60.1
2	28.0

## Dog Hair Aspen

Compartment 63132

88.1 Acres

