



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7152**

**SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on February 22, 2023.**

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

**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:

Deuces Wild (63-013-22) / T23N, R08W, SEC. 26, S1/2NW,S1/2NE,N1/2SW,N1/2SE.  
T23N, R08W, SEC. 26, SESE.

Missaukee County, Advertised Price \$149,995.10, 79.6 Acres, Hardwood, Red Oak.

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. Access may be through other public land.

## TIMBER SALE INFORMATION

Deuces Wild (63-013-22)

T23N, R08W, SEC. 26.

Missaukee County (Advertised Price \$149,995.10)

**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. Access may be through other public land.

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		
B. T. Aspen	26.5 MBF	\$ 73.00 / MBF
Black Cherry	5.6 MBF	\$ 155.00 / MBF
Red Maple	29.3 MBF	\$ 67.00 / MBF
Red Oak	868.2 MBF	\$ 130.00 / MBF
Red Pine	32.4 MBF	\$ 66.00 / MBF
Sugar Maple	8.4 MBF	\$ 209.00 / MBF
White Oak	40.5 MBF	\$ 39.00 / MBF
Pulpwood		
B. T. Aspen	134 Cords	\$ 21.45 / Cord
Beech	12 Cords	\$ 15.60 / Cord
Black Cherry	2 Cords	\$ 15.60 / Cord
Red Maple	298 Cords	\$ 15.60 / Cord
Red Oak	945 Cords	\$ 19.10 / Cord
Red Pine	7 Cords	\$ 31.80 / Cord
Sugar Maple	17 Cords	\$ 15.60 / Cord
White Oak	32 Cords	\$ 19.10 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 12.03 percent. There are an estimated 3,538 cords on this timber sale, plus or minus 426 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 \$7,499.76 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	52.7%
02	33.5%
03	13.8%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2025.

### **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
279,469	3,538	12.03%	3,112	3,963

## 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 IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
36	101,368	1,283	18.29%	1,048	1,518
40	145,149	1,837	20.78%	1,456	2,219
42	32,952	417	18.37%	340	494
<b>TOTAL:</b>	<b>279,469</b>	<b>3,538</b>		<b>2,844</b>	<b>4,231</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
36	31.2	2	31.2
40	40.5	1	40.5
42	7.9	3	7.9
<b>TOTAL:</b>	<b>79.6</b>		<b>79.6</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	26.5	MBF	40.5	\$79,006.30
	Black Cherry		5.6	MBF		
	Red Maple		25.1	MBF		
	Red Oak		468.2	MBF		
	Red Oak		468.2	MBF		
	White Oak	Pulpwood	13.8	MBF		
	B. T. Aspen		16	Cords		
	Black Cherry		2	Cords		
	Red Maple		169	Cords		
	Red Oak		510	Cords		
	Red Oak		510	Cords		
	Sugar Maple		10	Cords		
	White Oak		11	Cords		
2	Red Oak	Sawtimber	273.5	MBF	31.2	\$50,310.20
	BI/R/Hybrid Oak		5.5	MBF		
	Red Oak		268.0	MBF		
	Red Pine	Pulpwood	32.4	MBF		
	White Oak		26.7	MBF		
	B. T. Aspen		118	Cords		
	Beech		7	Cords		
	Red Maple		81	Cords		
	Red Oak		369	Cords		
	BI/R/Hybrid Oak		4	Cords		
	Red Oak		365	Cords		
	Red Pine		7	Cords		
	White Oak		21	Cords		
3	Red Maple	Sawtimber	4.2	MBF	7.9	\$20,678.60
	Red Oak		126.5	MBF		
	Red Oak		126.5	MBF		
	Sugar Maple	Pulpwood	8.4	MBF		
	Beech		5	Cords		
	Red Maple		48	Cords		
	Red Oak		66	Cords		
	Red Oak		66	Cords		
Sugar Maple	7	Cords				
TOTAL:			1,010.9	MBF		
TOTAL:			1,447	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Deuces Wild**

**Sale Number: 63-013-22 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 paint. Exterior sale boundary lines against state are marked with red 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.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1,2 and 3, cut all trees which meet minimum piece specifications in 2.2 Utilization except White Pine. Additionally, UNIT 3, DO NOT CUT WHITE OAK.

### **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**

##### **4.1.6 - Road construction (1/09)**

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 within 30 days of completion of hauling. 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. 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.

### **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 5 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 5 days 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

#### 5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 24 inches in height.

### 5.2.3 - Operating Restrictions

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

1, 2 and 3 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.

### 5.2.4 - 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, 2 and 3 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. This can be an unmerchantable piece or a full tree.

## 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	Year
63-013	22
Date	Page of
08/26/2022	1 of 1

Forest Management Unit	County	Mapped By	Cruised By
Cadillac Management Unit	Missaukee	Tweedale	Tweedale
Township	Range	Section(s) and Subdivision(s)	Scale
23N	08W	Sec. 26 SESE, S1/2NW, S1/2NE, N1/2SW, N1/2SE	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 Hardwoods	M = Mpl, Bch, Bach	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	40.5
2	31.2
3	7.9

**Deuces Wild**  
Compartment 63112  
79.6 Acres

