



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7620**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on July 23, 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:

Tetris Mix (63-025-24) / T22N, R09W, SEC. 10, NE.

T22N, R09W, SEC. 11, SWNW,E1/2SW.

T22N, R09W, SEC. 12, NENW,S1/2NW,N1/2SW,SESW.

T22N, R09W, SEC. 2 , N1/2NE.

T23N, R09W, SEC. 35, SWSE.

Wexford County, Advertised Price \$113,666.80, 142.5 Acres, Aspen, Hardwood.

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.

TIMBER SALE INFORMATION

Tetris Mix (63-025-24)

T22N, R09W, SEC. 10; T22N, R09W, SEC. 11; T22N, R09W, SEC. 12; T22N, R09W, SEC. 2; T23N, R09W, SEC. 35.

Wexford County (Advertised Price \$113,666.80)

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.

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		
Black/Red (Hybrid) Oak	221.6 MBF	\$ 101.00 / MBF
Mixed Aspen	166.2 MBF	\$ 98.00 / MBF
Red Maple	28.4 MBF	\$ 110.00 / MBF
Red Oak	88.0 MBF	\$ 164.00 / MBF
White Pine	21.3 MBF	\$ 57.00 / MBF
Pulpwood		
Jack Pine	21 Cords	\$ 14.55 / Cord
Mixed Aspen	897 Cords	\$ 22.65 / Cord
Mixed Hardwood	214 Cords	\$ 17.00 / Cord
Mixed Oak	468 Cords	\$ 34.00 / Cord
Red Pine	19 Cords	\$ 42.45 / Cord
Scotch Pine	79 Cords	\$ 16.20 / Cord
White Pine	437 Cords	\$ 25.40 / Cord
White Spruce	255 Cords	\$ 11.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.56 percent. There are an estimated 3,769 cords on this timber sale, plus or minus 474 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 \$11,366.68 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	24.8%
02	9.1%
03	19.0%
04	4.1%
05	43.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2028.

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
297,728	3,769	12.56%	3,295	4,242

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
26	48,119	609	30.08%	426	792
29	38,483	487	27.47%	353	621
31	4,713	60	69.41%	18	101
33	60,575	767	31.36%	526	1,007
52	21,172	268	55.47%	119	417
69	6,294	80	53.35%	37	122
71	115,441	1,461	21.38%	1,149	1,774
79	2,930	37	48.91%	19	55
TOTAL:	297,728	3,769		2,648	4,889

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
26	21.1	1	21.1
29	20.2	2	20.2
31	6.9	1	6.9
33	21.6	3	21.6
52	11.3	4	11.3
69	3.0	5	3.0
71	56.3	5	56.3
79	2.1	4	2.1
TOTAL:	142.5		142.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Black/Red (Hybrid	Sawtimber	70.7	MBF	28.0	\$28,228.25
	Mixed Aspen		12.0	MBF		
	<i>B. T. Aspen</i>		10.2	<i>MBF</i>		
	<i>Quaking Aspen</i>		1.8	<i>MBF</i>		
	Red Maple		5.2	MBF		
	Red Oak		67.3	MBF		
	White Pine		2.2	MBF		
	Mixed Aspen	Pulpwood	107	Cords		
	<i>B. T. Aspen</i>		57	<i>Cords</i>		
	<i>Quaking Aspen</i>		50	<i>Cords</i>		
	Mixed Hardwood		47	Cords		
	<i>Red Maple</i>		47	<i>Cords</i>		
	Mixed Oak		134	Cords		
	<i>/Red (Hybrid) Oak</i>		79	<i>Cords</i>		
	<i>Red Oak</i>		55	<i>Cords</i>		
	Red Pine		4	Cords		
	<i>Red Pine</i>		4	<i>Cords</i>		
	White Pine		9	Cords		
2	Black/Red (Hybrid	Sawtimber	26.0	MBF	20.2	\$10,329.35
	Mixed Aspen		8.3	MBF		
	<i>Quaking Aspen</i>		8.3	<i>MBF</i>		
	White Pine		0.8	MBF		
	Mixed Aspen	Pulpwood	81	Cords		
	<i>Quaking Aspen</i>		81	<i>Cords</i>		
	Mixed Hardwood		24	Cords		
	<i>Beech</i>	<i>Sawtimber</i>	0.9	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	17	<i>Cords</i>		
	<i>Red Maple</i>		5	<i>Cords</i>		
	Mixed Oak		102	Cords		
	<i>/Red (Hybrid) Oak</i>		102	<i>Cords</i>		
	White Pine		3	Cords		
	White Spruce		94	Cords		
	<i>White Spruce</i>		94	<i>Cords</i>		
3	Black/Red (Hybrid	Sawtimber	2.3	MBF	21.6	\$21,602.90
	Mixed Aspen		89.4	MBF		
	<i>B. T. Aspen</i>		56.8	<i>MBF</i>		
	<i>Quaking Aspen</i>		32.6	<i>MBF</i>		
	Red Maple		1.8	MBF		
	White Pine		5.0	MBF		
	Mixed Aspen	Pulpwood	484	Cords		
	<i>B. T. Aspen</i>		303	<i>Cords</i>		
	<i>Quaking Aspen</i>		181	<i>Cords</i>		
	Mixed Hardwood		40	Cords		
	<i>Beech</i>		11	<i>Cords</i>		
	<i>Black Cherry</i>		5	<i>Cords</i>		
	<i>Paper Birch</i>		11	<i>Cords</i>		
	<i>Red Maple</i>		13	<i>Cords</i>		
	Mixed Oak		2	Cords		
	<i>/Red (Hybrid) Oak</i>		2	<i>Cords</i>		
	Red Pine		8	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	3.3	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	White Pine		3	Cords		
4	Black/Red (Hybrid	Sawtimber	10.0	MBF	13.4	\$4,658.25
	Mixed Aspen		3.2	MBF		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
4 con't	<i>Quaking Aspen</i>	<i>Sawtimber</i>	3.2	<i>MBF</i>					
	Mixed Aspen	Pulpwood	56	Cords					
	<i>Quaking Aspen</i>		56	<i>Cords</i>					
	Mixed Hardwood		3	Cords					
	<i>Red Maple</i>		3	<i>Cords</i>					
	Mixed Oak		6	Cords					
	<i>/Red (Hybrid) Oak</i>		5	<i>Cords</i>					
	<i>Red Oak</i>		1	<i>Cords</i>					
	White Spruce		161	Cords					
	<i>White Spruce</i>	<i>Sawtimber</i>	2.1	<i>MBF</i>					
	<i>White Spruce</i>	<i>Pulpwood</i>	157	<i>Cords</i>					
5	Black/Red (Hybrid	Sawtimber	112.6	MBF	59.3	\$48,848.05			
	Mixed Aspen		53.3	MBF					
	<i>B. T. Aspen</i>		53.3	<i>MBF</i>					
	Red Maple		21.4	MBF					
	Red Oak		20.7	MBF					
	White Pine		13.3	MBF					
	Jack Pine	Pulpwood	21	Cords					
	Mixed Aspen		169	Cords					
	<i>B. T. Aspen</i>		164	<i>Cords</i>					
	<i>Quaking Aspen</i>		5	<i>Cords</i>					
	Mixed Hardwood		100	Cords					
	<i>Black Cherry</i>	<i>Sawtimber</i>	2.0	<i>MBF</i>					
	<i>Beech</i>	<i>Pulpwood</i>	5	<i>Cords</i>					
	<i>Black Cherry</i>		3	<i>Cords</i>					
	<i>Red Maple</i>		88	<i>Cords</i>					
	Mixed Oak		224	Cords					
	<i>/Red (Hybrid) Oak</i>		158	<i>Cords</i>					
	<i>Red Oak</i>		46	<i>Cords</i>					
	<i>White Oak</i>		20	<i>Cords</i>					
	Red Pine		7	Cords					
	<i>Red Pine</i>	<i>Sawtimber</i>	2.8	<i>MBF</i>					
	<i>Red Pine</i>	<i>Pulpwood</i>	1	<i>Cords</i>					
	Scotch Pine		79	Cords					
	White Pine		422	Cords					
	TOTAL:			525.5			MBF		
	TOTAL:			2,390			Cords		

Sale Specific Conditions & Requirements

Sale Name: Tetris Mix

Sale Number: 63-025-24 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. 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 and 4, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any white oak or elm. In addition, do not cut any oak that is 26 inches or more at DBH.

Within Payment Unit 3, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any white oak. In addition, do not cut any oak that is 30 inches or more at DBH.

Within Payment Unit 5, cut all trees which meet minimum piece specifications in 2.2 Utilization, except do not cut any white oak that is 14 inches or more at DBH, any oak that is 30 inches or more at DBH, or any white pine that is 14 inches or more at DBH.

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except do not cut any trees marked with green paint above and below stump height. In addition, do not cut any white oak that is 25 inches or more at DBH.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) 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.

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are marked with green paint. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

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. 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 six (6') 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 orvs, 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. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

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 Units 1-5, 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 15 and clearing a tree-length buffer along uncut oak cover before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

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.

5.2.39 - ORV Trail/Route Protection (4/18)

The an ORV trail or route and is shown on the Timber Sale Map. Do not cut trees or damage posts with yellow ORV markers. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

5.2.40 - Pathway Protection (10/10)

A hiking and horse trail are shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers.

Maintain a 20-foot-wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the Sale Administrator.

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 all county roads, adjacent to Payment Units, 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.

6.2.3 - Recreational Trail Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on all recreational trails prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. 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

63-025-24

Date

09/27/2024

Forest Management Unit

Cadillac

County

Wexford

Mapped By: Krugh

Cruised By: Manton FO

Scale

1:20,000

Page

1

Of

1

Township
22N/23N

Range
09W

Section(s) and Subdivision(s)
Sec. 2 N1/2NE; Sec. 10 NE; Sec. 11 SWNW,E1/2SW; Sec. 12 NENW,S1/2NW,N1/2SW,SESW;
Sec. 35 SWSE

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

