



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7258**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on July 13, 2023.

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:

Scenic Hardwoods 2 (53-001-23) / T32N, R02W, SEC. 14, NENE, S1/2NE, SE.

Otsego County, Advertised Price \$14,827.15, 93.6 Acres, Hardwood, Red Oak.

SALE NOTE: This sale contains beech that has been impacted by beech bark disease. See specs 7.2.6 and 7.5.1 for additional details.

TIMBER SALE INFORMATION

Scenic Hardwoods 2 (53-001-23)

T32N, R02W, SEC. 14.

Otsego County (Advertised Price \$14,827.15)

SALE NOTE: This sale contains beech that has been impacted by beech bark disease. See specs 7.2.6 and 7.5.1 for additional details.

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		
Beech	14.2 MBF	\$ 39.00 / MBF
Red Oak	13.6 MBF	\$ 110.00 / MBF
Sugar Maple	6.9 MBF	\$ 198.00 / MBF
Pulpwood		
B. T. Aspen	43 Cords	\$ 17.10 / Cord
Basswood	29 Cords	\$ 9.35 / Cord
Mixed Hardwood	871 Cords	\$ 11.50 / Cord
Red Oak	36 Cords	\$ 9.00 / Cord
White Pine	4 Cords	\$ 16.05 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 19.64 percent. There are an estimated 1,070 cords on this timber sale, plus or minus 210 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 \$1,482.72 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	32.3%
02	37.6%
03	30.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

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
84,553	1,070	19.64%	860	1,281

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
82	84,553	1,070	19.64%	860	1,281
TOTAL:	84,553	1,070		860	1,281

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
82	93.6	1	30.3
		2	35.1
		3	28.2
TOTAL:	93.6		93.6

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Beech	Sawtimber	4.6	MBF	30.3	\$4,789.60			
	Red Oak		4.4	MBF					
	Sugar Maple		2.2	MBF					
	B. T. Aspen	Pulpwood	14	Cords					
	Basswood		9	Cords					
	<i>Basswood</i>	<i>Sawtimber</i>	<i>0.7</i>	<i>MBF</i>					
	<i>Basswood</i>	<i>Pulpwood</i>	<i>8</i>	<i>Cords</i>					
	Mixed Hardwood		282	Cords					
	<i>Red Maple</i>	<i>Sawtimber</i>	<i>0.7</i>	<i>MBF</i>					
	<i>Beech</i>	<i>Pulpwood</i>	<i>136</i>	<i>Cords</i>					
	<i>Red Maple</i>		<i>39</i>	<i>Cords</i>					
	<i>Sugar Maple</i>		<i>106</i>	<i>Cords</i>					
	Red Oak		12	Cords					
	White Pine		1	Cords					
	2	Beech	Sawtimber	5.3			MBF	35.1	\$5,557.05
		Red Oak		5.1			MBF		
Sugar Maple			2.6	MBF					
B. T. Aspen		Pulpwood	16	Cords					
Basswood			11	Cords					
<i>Basswood</i>		<i>Sawtimber</i>	<i>0.8</i>	<i>MBF</i>					
<i>Basswood</i>		<i>Pulpwood</i>	<i>9</i>	<i>Cords</i>					
Mixed Hardwood			326	Cords					
<i>Red Maple</i>		<i>Sawtimber</i>	<i>0.9</i>	<i>MBF</i>					
<i>Beech</i>		<i>Pulpwood</i>	<i>157</i>	<i>Cords</i>					
<i>Red Maple</i>			<i>45</i>	<i>Cords</i>					
<i>Sugar Maple</i>			<i>122</i>	<i>Cords</i>					
Red Oak			13	Cords					
White Pine			2	Cords					
3		Beech	Sawtimber	4.3	MBF	28.2	\$4,469.00		
		Red Oak		4.1	MBF				
	Sugar Maple		2.1	MBF					
	B. T. Aspen	Pulpwood	13	Cords					
	Basswood		9	Cords					
	<i>Basswood</i>	<i>Sawtimber</i>	<i>0.6</i>	<i>MBF</i>					
	<i>Basswood</i>	<i>Pulpwood</i>	<i>8</i>	<i>Cords</i>					
	Mixed Hardwood		262	Cords					
	<i>Red Maple</i>	<i>Sawtimber</i>	<i>0.7</i>	<i>MBF</i>					
	<i>Beech</i>	<i>Pulpwood</i>	<i>127</i>	<i>Cords</i>					
	<i>Red Maple</i>		<i>36</i>	<i>Cords</i>					
	<i>Sugar Maple</i>		<i>98</i>	<i>Cords</i>					
	Red Oak		11	Cords					
	White Pine		1	Cords					
	TOTAL:			34.7	MBF				
	TOTAL:			982	Cords				

Sale Specific Conditions & Requirements

Sale Name: Scenic Hardwoods 2

Sale Number: 53-001-23 Seq#: 2

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 and red 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 retention areas are marked with a red X. Pickerel Lake Road forms the unpainted Payment Unit boundary between Payment Unit #'s 1 & 2, and Payment Unit #'s 2 & 3. Red and blue 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

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) #'s 1-3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all beech trees except for those marked with green paint.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Unit(s) #'s 1-3. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

2.2.7 - Uncut designated trees (2/04)

Liquidated damages of \$5.00 per tree will be assessed for every marked tree not cut. In addition, all saplings (trees less than 4 inches DBH) must be cut down in the small patch clearcuts which are scattered throughout the Sale Area. Most of these saplings have been marked with orange paint.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 10% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

Also, protect red oak saplings and poletimber from damage as much as possible. Some of these have been marked with green paint to aid in identification.

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 (12/09)

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 the specified Purchase Unit Price.

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 upon completion of the sale. 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. 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. 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

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

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

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) #2 cutting, skidding, and hauling are not permitted during the period of March 15 to July 15. This restriction is because of an active red-shouldered hawk nest within the area.

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) #'s 1-3, 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. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.4 - Dead and Down Creation

5.2.4.3 - Dead and down creation, dead trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed. This does not include dead beech trees. However, any beech trees where the main stem has snapped off must not be cut.

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 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.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

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 Pickerel Lake Road 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.

7 - Other Conditions

7.2 - Extensions

7.2.6 - Forest health extension (6/13)

This sale contains trees infected with beech bark disease. It is considered at high risk for mortality and/or loss of timber value. The sale must be harvested promptly. One (1), twelve (12) month extension can be applied to one (1) other State Forest Timber Sale Contract owned by the purchaser or owned by one (1) designated sub-contractor of the Purchaser that works this contract. To qualify, the contract expiration date of the contract to be extended must be within twelve (12) months from the issue date of this contract. If this is the first extension on the other State Forest Timber Sale Contract, then the 5% extension fee will be waived. If this is an additional extension, the 10% fee will be reduced to 5%. The forest health extension must be used before this contract is closed-out. This specification does not alleviate the purchaser from any contractual obligations of the extended State Forest Timber Sale Contract. Per General Condition & Requirement 7.2, extensions are at the sole discretion of the DNR.

7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from beech bark disease. 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.

Forest Management Unit Pigeon River Country	County Otsego	Mapped By Rekowski	Date 10/12/2022	Page 1	of 1
Township 32N	Range 02W	Section(s) and Subdivision(s) 14: NENE, S1/2NE, SE1/4	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 = Tread 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	30.3
2	35.1
3	28.2

Scenic Hardwoods 2

Compartment 030
93.6 Acres

