



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7453**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on July 18, 2024.

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:

Road to Firdition (53-013-23) / T33N, R01E, SEC. 5 , W1/2NW.

T33N, R01E, SEC. 6 , NENE.

T34N, R01E, SEC. 31, SESE.

T34N, R01E, SEC. 32, SWSW.

Cheboygan County, Advertised Price \$35,614.55, 52.1 Acres, Aspen, Hardwood.

SALE NOTE: Note Pathway Protection 5.2.40 and Dead and down creation, Grouse 5.2.4.4 specifications. See the operating time restrictions due to Smooth Green Snake habitat/active season.

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

Road to Firdition (53-013-23)

T33N, R01E, SEC. 5; T33N, R01E, SEC. 6; T34N, R01E, SEC. 31; T34N, R01E, SEC. 32.

Cheboygan County (Advertised Price \$35,614.55)

SALE NOTE: Note Pathway Protection 5.2.40 and Dead and down creation, Grouse 5.2.4.4 specifications. See the operating time restrictions due to Smooth Green Snake habitat/active season.

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		
Basswood	36.4 MBF	\$ 66.00 / MBF
Mixed Aspen	101.5 MBF	\$ 41.00 / MBF
Red Maple	54.7 MBF	\$ 46.00 / MBF
Sugar Maple	19.1 MBF	\$ 272.00 / MBF
White Pine	12.1 MBF	\$ 91.00 / MBF
Pulpwood		
Balsam Fir	306 Cords	\$ 23.55 / Cord
Basswood	28 Cords	\$ 11.80 / Cord
Jack Pine	3 Cords	\$ 11.90 / Cord
Mixed Aspen	333 Cords	\$ 18.10 / Cord
Mixed Hardwood	283 Cords	\$ 14.10 / Cord
Paper Birch	85 Cords	\$ 13.95 / Cord
Red Pine	9 Cords	\$ 48.15 / Cord
White Pine	29 Cords	\$ 19.75 / Cord
White Spruce	26 Cords	\$ 17.55 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 42.99 percent. There are an estimated 1,631 cords on this timber sale, plus or minus 701 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 \$3,561.46 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	54.2%
02	11.5%
03	34.3%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

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
128,849	1,631	42.99%	930	2,332

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
38	48,585	615	33.82%	407	823
47	13,330	169	54.20%	77	260
64	45,653	578	32.62%	389	766
66	21,281	269	38.66%	165	374
TOTAL:	128,849	1,631		1,039	2,223

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
38	14.9	3	14.9
47	8.1	2	8.1
64	19.7	1	19.7
66	9.4	1	9.4
TOTAL:	52.1		52.1

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	25.3	MBF	29.1	\$19,311.30
	Mixed Aspen		35.7	MBF		
	<i>B. T. Aspen</i>		1.0	<i>MBF</i>		
	<i>Quaking Aspen</i>		34.7	<i>MBF</i>		
	Red Maple		27.2	MBF		
	Sugar Maple		12.8	MBF		
	White Pine		12.1	MBF		
	Balsam Fir	Pulpwood	135	Cords		
	Basswood		18	Cords		
	Jack Pine		3	Cords		
	Mixed Aspen		108	Cords		
	<i>B. T. Aspen</i>		6	<i>Cords</i>		
	<i>Quaking Aspen</i>		102	<i>Cords</i>		
	Mixed Hardwood		175	Cords		
	<i>Beech</i>	<i>Sawtimber</i>	1.3	<i>MBF</i>		
	<i>Beech</i>	<i>Pulpwood</i>	1	<i>Cords</i>		
	<i>Red Maple</i>		136	<i>Cords</i>		
	<i>Sugar Maple</i>		35	<i>Cords</i>		
	Paper Birch		79	Cords		
	<i>Paper Birch</i>	<i>Sawtimber</i>	6.3	<i>MBF</i>		
	<i>Paper Birch</i>	<i>Pulpwood</i>	66	<i>Cords</i>		
	Red Pine		9	Cords		
	<i>Red Pine</i>	<i>Sawtimber</i>	2.2	<i>MBF</i>		
	<i>Red Pine</i>	<i>Pulpwood</i>	5	<i>Cords</i>		
	White Pine		29	Cords		
	White Spruce		22	Cords		
	<i>White Spruce</i>	<i>Sawtimber</i>	4.9	<i>MBF</i>		
<i>White Spruce</i>	<i>Pulpwood</i>	12	<i>Cords</i>			
2	Basswood	Sawtimber	11.1	MBF	8.1	\$4,104.80
	Mixed Aspen		22.3	MBF		
	<i>B. T. Aspen</i>		22.3	<i>MBF</i>		
	Red Maple		1.7	MBF		
	Sugar Maple		4.4	MBF		
	Basswood	Pulpwood	9	Cords		
	Mixed Aspen		33	Cords		
	<i>B. T. Aspen</i>		33	<i>Cords</i>		
	Mixed Hardwood		34	Cords		
	<i>Red Maple</i>		10	<i>Cords</i>		
	<i>Sugar Maple</i>		24	<i>Cords</i>		
3	Mixed Aspen	Sawtimber	43.5	MBF	14.9	\$12,198.45
	<i>B. T. Aspen</i>		9.9	<i>MBF</i>		
	<i>Quaking Aspen</i>		33.6	<i>MBF</i>		
	Red Maple		25.8	MBF		
	Sugar Maple		1.9	MBF		
	Balsam Fir	Pulpwood	171	Cords		
	Basswood		1	Cords		
	Mixed Aspen		192	Cords		
	<i>B. T. Aspen</i>		13	<i>Cords</i>		
	<i>Quaking Aspen</i>		179	<i>Cords</i>		
	Mixed Hardwood		74	Cords		
	<i>Red Maple</i>		71	<i>Cords</i>		
	<i>Sugar Maple</i>		3	<i>Cords</i>		
	Paper Birch		6	Cords		
<i>Paper Birch</i>	<i>Sawtimber</i>	1.1	<i>MBF</i>			
<i>Paper Birch</i>	<i>Pulpwood</i>	4	<i>Cords</i>			

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
3 con't	White Spruce	Pulpwood	4	Cords		
	<i>White Spruce</i>		4	<i>Cords</i>		
TOTAL:			223.8	MBF		
TOTAL:			1,102	Cords		

Sale Specific Conditions & Requirements

Sale Name: Road to Firdition

Sale Number: 53-013-23 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 red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. 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 3, cut all trees that are two (2) inches or more at DBH, except do not cut any oak, cedar, or trees marked with green paint above and below stump height.

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

Within Payment Unit(s) 2, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

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 2. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

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.

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 (3/23)

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 contract prices or average prices, if not on the contract.

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. 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

5.2.1.11 - 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) 1-3, cutting, skidding, and hauling are not permitted during the period of April through October. This restriction is because of smooth green snake habitat overlap with the timber sale area.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 2, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

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.

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

To encourage grouse and other wildlife, in Payment Unit(s) 1 and 3, leave one, 12" or larger diameter whole tree on the ground for every 2 acres, preferably a hardwood species such as basswood or maple or if no hardwoods are present, a pine species (white or red). The tree shall be pushed over with the top and root-ball still intact. If this becomes unfeasible or improbable to perform, the tree may be partially pushed over and then cut with the bole semi-attached to the root-ball. These will be evenly scattered throughout the unit. 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.

5.2.40 - Pathway protection (10/10)

The High Country Pathway is a hiking, ski, and bicycle trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. The trail spur running northwest to southeast through the sale is part of the High Country Pathway. This section of trail is an existing two-track road and will undoubtedly be used for moving wood. Do not cut any red maple or any conifer species within 10 feet either side of this trail or the main trail that runs east and west, except for what is needed to access wood or deck wood (see spec 4.1.4). Crossing of the main trail by equipment will be limited to one location. Do not run equipment down the main portion of the High Country Pathway that is not an old two track. The trail shall be kept free of slash at all times.

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.

5.8 - 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.

5.8.8 - Protected species, other (2/12)

Within Payment Unit(s) 1-3, cutting, skidding, and hauling are not permitted during the period of April 1 to October 31. This restriction is because of smooth green snake habitat overlap with the Sale Area.

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 Duby 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.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the hiking trail 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.

Forest Management Unit Pigeon River State Forest		County Cheboygan	Mapped By Halabut	Date 09/26/2023	Page 1	of 1
Township 33N, 34N	Range 01E	Section(s) and Subdivision(s) 33N: 05- W1/2NW, 06- NENE. 34N: 31- SESE, 32- SWSW		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	29.1
2	8.1
3	14.9

Road to Firdition

Compartment 020 and 021

52.1 Acre

