



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7500**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on December 19, 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:

Boatload of Basswood (53-004-25) / T33N, R01W, SEC. 15, NW,NWNE,NESW.

Cheboygan County, Advertised Price \$31,252.65, 91.8 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

Boatload of Basswood (53-004-25)

T33N, R01W, SEC. 15.

Cheboygan County (Advertised Price \$31,252.65)

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 &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Basswood	60.3 MBF	\$ 68.00 / MBF
Sugar Maple	30.5 MBF	\$ 253.00 / MBF
Pulpwood		
Balsam Fir	162 Cords	\$ 22.55 / Cord
Basswood	307 Cords	\$ 11.10 / Cord
Mixed Hardwood	329 Cords	\$ 12.15 / Cord
Quaking Aspen	448 Cords	\$ 18.70 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 16.56 percent. There are an estimated 1,460 cords on this timber sale, plus or minus 242 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 \$3,125.27 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	32.5%
02	27.5%
03	26.9%
04	13.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

### **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
115,342	1,460	16.56%	1,218	1,702

## 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
38	63,912	809	20.02%	647	971
49	34,142	432	40.17%	259	606
80	17,287	219	38.60%	134	303
<b>TOTAL:</b>	<b>115,342</b>	<b>1,460</b>		<b>1,040</b>	<b>1,880</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
38	74.5	1	40.4
		2	34.1
49	12.0	3	12.0
80	5.3	4	5.3
<b>TOTAL:</b>	<b>91.8</b>		<b>91.8</b>

## DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	32.7	MBF	40.4	\$10,148.25
	Sugar Maple		16.5	MBF		
	Basswood	Pulpwood	166	Cords		
	Mixed Hardwood		157	Cords		
	<i>Beech</i>		15	<i>Cords</i>		
	<i>Sugar Maple</i>		142	<i>Cords</i>		
2	Basswood	Sawtimber	27.6	MBF	34.1	\$8,587.70
	Sugar Maple		14.0	MBF		
	Basswood	Pulpwood	141	Cords		
	Mixed Hardwood		132	Cords		
	<i>Beech</i>		13	<i>Cords</i>		
	<i>Sugar Maple</i>		119	<i>Cords</i>		
3	Balsam Fir	Pulpwood	147	Cords	12.0	\$8,409.50
	Mixed Hardwood		33	Cords		
	<i>Red Maple</i>		29	<i>Cords</i>		
	<i>Sugar Maple</i>		4	<i>Cords</i>		
	Quaking Aspen		251	Cords		
4	Balsam Fir	Pulpwood	15	Cords	5.3	\$4,107.20
	Mixed Hardwood		7	Cords		
	<i>Red Maple</i>		7	<i>Cords</i>		
	Quaking Aspen		197	Cords		
<b>TOTAL:</b>			90.8	MBF		
<b>TOTAL:</b>			1,246	Cords		

## Sale Specific Conditions & Requirements

Sale Name: Boatload of Basswood

Sale Number: 53-004-25 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 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.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 3-4, cut all trees that are two (2) inches or more at DBH, except do not cut elm, spruce, cedar, birch, white pine, or trees marked with green paint. In addition, do not cut any ash or cherry trees that are five (5) inches or more at DBH.

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

Within Payment Unit(s) 1-2, 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 Units 1-4. 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. This pertains to Payment Units 1-2.

##### 2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-4, no chipping is permitted.

### 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 undesigned live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to sugar maple, elm, and paper birch saplings that are four (4) inches or less at DBH within Payment Units 3-4. Within the Sale Area, if more than 25% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$500 per acre for all acreage within that specified portion of the Sale Area that was damaged.

#### 3.6 - Payment Unit Cutting Schedule

##### 3.6.8 - Operating period (5/16)

Once cutting begins, operations must continue until all Payment Units are completed. This in order to reduce browse pressure throughout the Sale Area.

### 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 (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. Note that the closed road that accesses the northern part of Payment Unit 3 is very overgrown. Scattered trees that have grown in have been marked with pink paint to help show the route of this road.

#### 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.

### 4.2 - Maintenance

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Sand or gravel may not be sourced from adjacent State-owned lands. See the Timber Sale Map for the locations where fill will be required.

#### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

#### 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

##### 5.2.1.10 - No slash in openings (5/10)

No brush or logging debris is to be left in the maintained wildlife openings which are indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 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) 4, cutting, skidding, and hauling are limited to the period of December 1 to March 1. This restriction is because of wet ground within the Payment Unit.

##### 5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-2, cutting and skidding are not permitted during the period of March 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.

##### 5.2.4.6 - Dead and down creation, other (9/09)

To create wildlife habitat, brush piles must be created throughout Payment Units 3-4. One pile must be created per acre, at least 4 feet in height, and shall consist of a mix of aspen and fir limbs and tops.

##### 5.2.4.7 - Dead and down creation: hare, grouse, deer and other species (5/15)

To improve horizontal cover habitat for snowshoe hare, grouse, deer, and other species, the Purchaser is to push over all trees marked with a pink X. These trees should be tipped over with the root ball still attached so the base of the tree is suspended off the ground. The crown of the fallen tree should be at or near ground level after it is pushed over.

#### 5.2.29 - Shrub protection (1/20)

Do not cut or damage juneberry (serviceberry). Some have been marked with green paint to aid in identification. These woody-shrub plants are highly beneficial to various wildlife species.

#### 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 Shore to Shore trail is a horse trail and is shown on the Timber Sale Map. The trail falls on Road 32. Do not cut trees or damage posts with blue pathway markers.

### 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.

#### 5.4.5 - Soil caution (11/04)

Care must be taken to minimize soil damage due to the wet soils throughout Payment Unit 4. In addition, there is a swath of wet ground in Payment Unit 3 that runs east-west through the middle part of the eastern half of the Payment Unit.

### 5.8 - Protection of Endangered Species

#### 5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from March 15 to July 15. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

## 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 Road 32 and Clute 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.



### TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number	Date	
<b>53-004-25</b>	10/03/2024	
Scale	Page	Of
1:10,000	1	1

Forest Management Unit	County	Mapped By: Rekowski
Pigeon River Country Mgt Unit	Cheboygan	Cruised By: Rekowski

Township	Range	Section(s) and Subdivision(s)
33N	01W	Sec. 15 NW,NWNE,NESW;

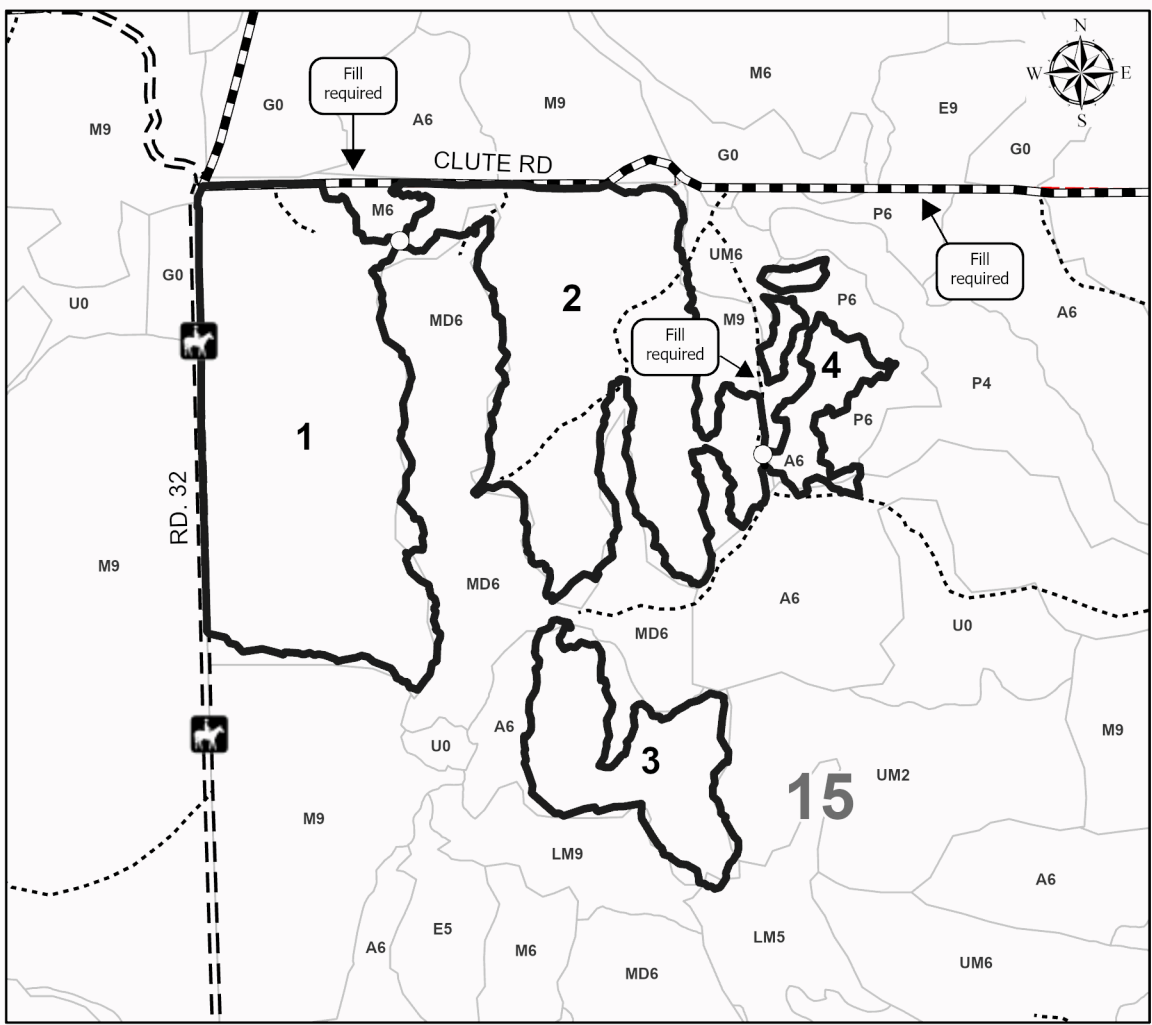
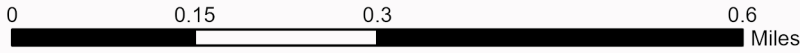
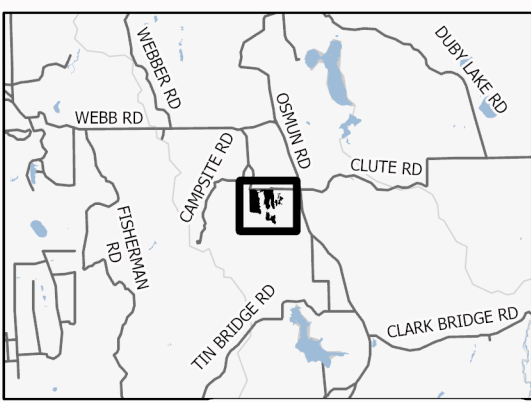
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, 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

PU #	Acres
1	40.4
2	34.1
3	12
4	5.3

**Boatload of Basswood**  
**91.8 Acres**

### Locator Map 1:200,000



### Legend

- Against State (Red)
- Payment Unit (Yellow)
- Stand Boundary
- Forest Access Route
- Administrative Access Only
- Government Gravel/Dirt

Use QR Code to open Map in App